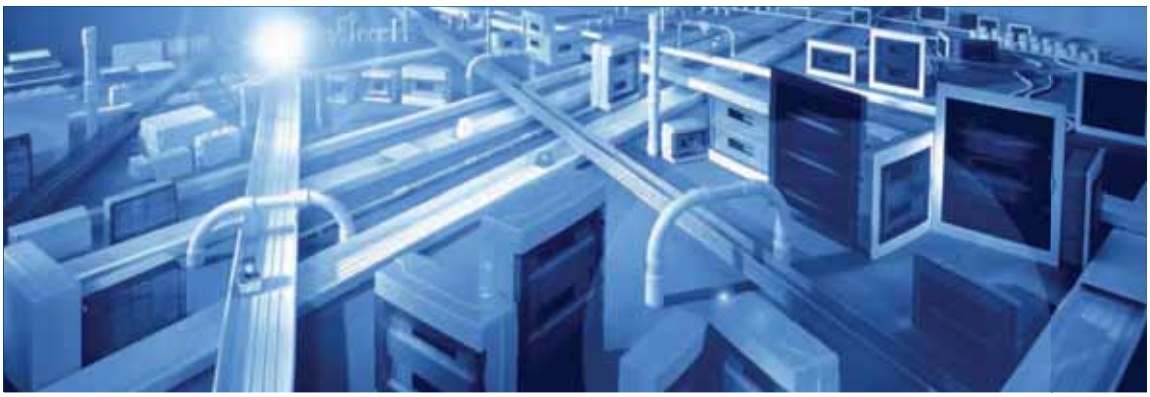
elettrocanali®

*electrical installation systems*



***endless evolution***

# GENERAL CATALOGUE 2019-20

*The Italian products*

Dear Customer,

ELETTROCANALI is an Italian company wich designs and manufactures trunking systems and equipments for a complete industrial, commercial or domestic electrical system.

ELETTROCANALI is proud to present its new catalogue which has been widened and enriched in the latest years also thanks to all the suggestions and the tips we have received.

ELETTROCANALI products are divided in 4 big product families. Each one easily identified by a different colour, which identifies the sections on the catalogue, far a total of over 4.000 articles: practical, functional, meeting the unsers' expectations, tested and safe.

They are complementary, give the distributor a complete range which can fully meet the needs of low-voltage installations

*Luca Valsecchi*
*Marketing Manager*

Flush-mounting and wall-mounting IP40 and IP65 modular enclosures, emergency enclosures, flush-mounting and wall-mounting junction boxes, fiberglass boards.

Plugs and sockets EN60309, interlocked sockets, empty and assembled distribution boards DBO/ASC, shunting switches, safety switches.

Skirting board and wall trunking systems, minitrunkings and cable trunkings, slotted trunkings, trunking systems for air conditioning.

Rigid and pliable conduits, flexible spiral conduits, conduit fittings, fixing systems, cable glands and brass terminals.

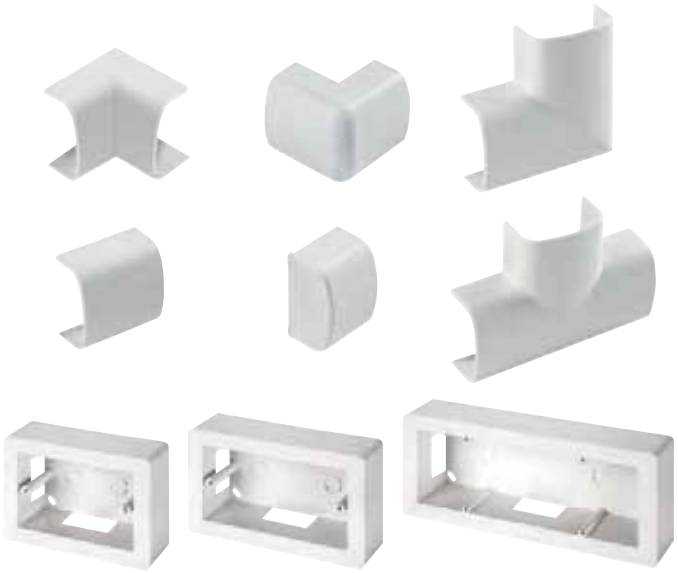
# NEWS! A CONSTANTLY

## MINITRUNKING SYSTEM WITH WRAP-AROUND COVER



Page 40

- New wrap- around cover with functional modern design.
- Rounded cover: +30% of wiring capacity.
- Positioning edge for easily fixing accessories.
- Also available in grey black slate colour code -A.
- Adaptor boxes for 3, 4 and 6/7 modules.



# GROWING ENTERPRISE



## WALL MOUNTING INCLIDED BOX PLUGS

Page 138

- Plugs 16A and 32A made according to EN 60309 standard.
- IP44/67 protection degree.
- Base with M25 threaded inlet with closure cap included.
- Copper-zinc alloy with high electric conductivity for contacts.
- Plastic material free from cadmium and halogen.
- High-quality technopolymer body in grey colour.

## E-BIKE DOCKING STATION

- New distribution boards for E-Bike charge.
- Available with 2 or 4 dedicated sockets, protection with RCBO device 6A 30mA.
- Trivalent Italian / German 10 / 16A standard sockets P17 / 30.



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## COLLAR CONDUIT CLIPS, ADJUSTABLE

- New range of quick-closing adjustable conduit clips.
- Flexible adjustment system for an always optimal fixing.
- Direct wall mounting with gusset or in combination on GC type guide.



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**HEADQUARTERS, PRODUCTION FACILITIES, R&D**
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Tel. +39 035 665077/668264 - Fax +39 035 655475/6590705
info@elettrocanali.com

# FROM ITALY ALL OVER THE WORLD



**NEW PRODUCTION FACILITIES 2019**
Scanzorosciate (BG)



**HEADQUARTERS**
Scanzorosciate (BG)

In our 3 plants all located in Italy we design and manufacture products that are distributed in over 70 countries. Experienced technicians and skilled labor contribute to improving and increasing the product range according to the requests of customers who have always appreciated and supported us; this catalogue represents the continuous evolution of a business project born over 40 years ago, on which we have been investing in term of human resources and technology.



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ventas@elettrocanali.com

We plan with the installers in mind, in order to allow them to work quickly and smoothly, and to the end users, who choose safe products reliable over time.
We have modern and up-to-date equipment, but above all we rely on employees who live the company for what it is: a healthy and productive reality, that continues to exist thanks to customers' satisfaction.

Project



Engineering

Prototypes

Lab test

# A WORKFLOW ALWAYS UNDER CONTROL

Quality control

The offer is completed by an efficient commercial organization which, thanks to a rational distribution network, is able to offer a prompt and timely service.



Distribution

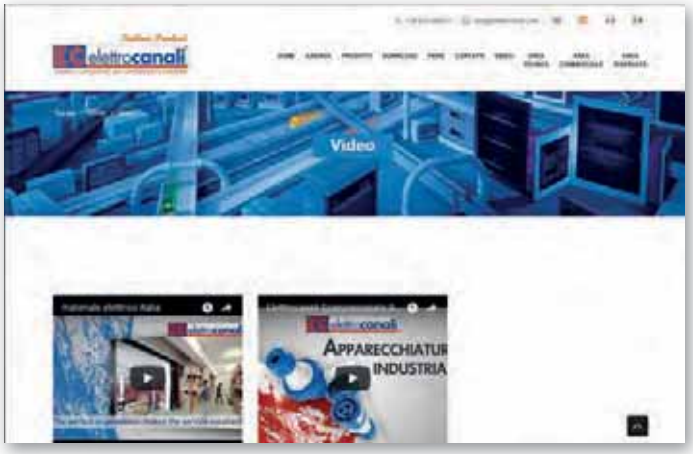


Production

# A MODERN REALITY THAT LOOKS FORWARD

In order to support a market that has become global, our website is available to be always up-to-date with the latest news on the range and access to digital contents from both desktop computers and more modern portable devices.







From a technical point of view, ELETTROCANALI holds several patents, guaranteeing a state-of-the-art sometimes exclusive, technology.
The Research & Development department is a strategic part of the company.

Quality has always been a must for ELETTROCANALI, that has always invested in efficient up-to-date machinery, rationally installed in the different production facilities. The company has been certified ISO 9001 since 1998, but the quality is strongly and constantly pursued also by obtaining several patents which guarantee the functionality and the safety of the products.Both the employed raw materials and the products comply with the requirements of the reference Standards. In particular the products have the approval of the most important national and foreign certification bodies, that test the items according to the reference standard, issue the corresponding certificates and carry out periodical and systematic controls both in the company and on the markets in which the products are distributed. According to the quality manual the internal laboratory executes all the necessary tests aiming at keeping the quality standard and its stability in the time. ELETTROCANALI customers can any time asks for the certificates and the conformity declarations as a proof of the quality of the purchased and installed products.







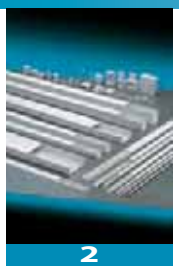


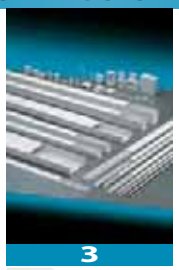



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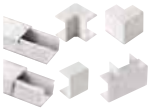

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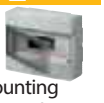











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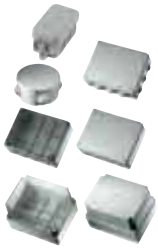

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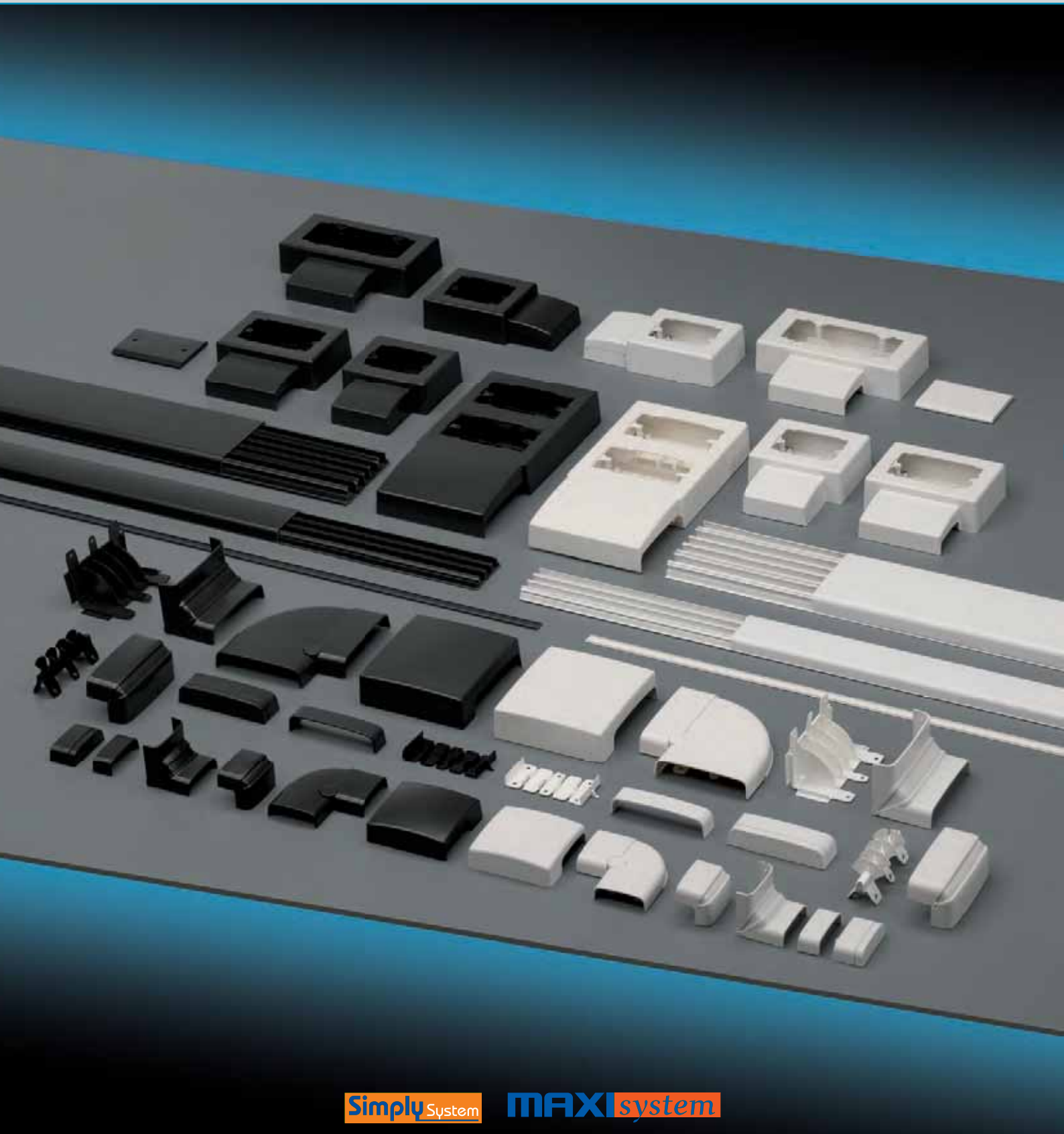

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# SKIRTING BOARD AND WALL TRUNKING SYSTEM



Simply System MAXI system

Simply System

MAXI system

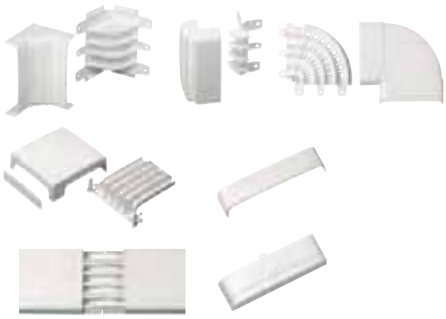
1

## MAIN TECHNICAL FEATURES

Skirting board an wall trunking system with 3 or 5 compartments.
External dimensions: 70x20 or 130x28 mm.
Material: technopolymer on rigid PVC base, self-extinguishing V0 (UL94) and high resistant to UV rays.
Standard colours: white RAL 9001 and slate grey RAL 7021.
System protection degree: IP40.
Resistance to mechanical shocks IK 08 (schocks up to a 5 J).
Resistance to heat in continuous use: up to +70° C.
Resistance to abnormal heat: up to 650° C (Glow Wire Test, Reference Standard IEC 60695-2-11).
Insulation resistance > 100 MΩ. Dielectric voltage > 3.000 V~.
Application temperature: minimum -5° C, maximum +60° C.
Cover removal: by a proper tool only.
Perfectly integrating with the whole range of trunkings Series MC e MCA.
Reference standards: EN 50085-1, EN 50085-2-1.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Skirting board and wall trunking 70x20 and 130x28 Series 20 SIMPLY System - MAXI System
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Accessories for trunking 70x20 and 130x28 Series 20 SIMPLY System - MAXI System
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Fittings for trunking 70x20 and 130x28 Series 20 SIMPLY System - MAXI System
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# MAIN TECHNICAL FEATURES

Perfectly symmetric trunking base: there isn't any top or bottom to pay attention to during the installation

Wrap-around cover without edges; functional modern design

Cover is supplied with a transparent protective film

Compartment lid prevents the cables from falling out during the installation



Perforated bottom for a quicker and more precise installation

3 or 5 inner compartments for any distribution need

Wide inner space:

3 compartments: 202 $mm^2$
5 compartments: 696 $mm^2$

Separate compartments preventing the wires of different circuits from getting mixed

The skirting board and wall trunkings Series 20 are available in 2 sizes: SIMPLY System 70x20mm with 3 compartments and MAXI System 130x28mm with 5 compartments; the two dimensions are complementary and can be combined together by specific couplings, with the great advantage of using the best dimension for any installation need.
They are made of technopolymer on rigid self-extinguishing PVC base and can be supplied in two different colours, white RAL 9001 and slate-grey RAL 7021; they are characterized by the perfect symmetry of the inner compartments, they can be easily installed both on the wall and as skirting board along the doors.
Each compartment is big enough to allow the installer to put a considerable number of cables, fitting for the requested use.
The perfectly separated compartments permit to put, in the same trucking, the wires of different electric circuits: power, phone, data transmission and other, without any risk of interferences or inappropriate overlapping, according to the Standard CEI 64-8.
The modern design cover without edges perfectly fits into the environment and can be removed only by a proper tool, in order to prevent from accidental opening. It is supplied with a protective plastic film preventing it from getting damaged during the transport or the installation.

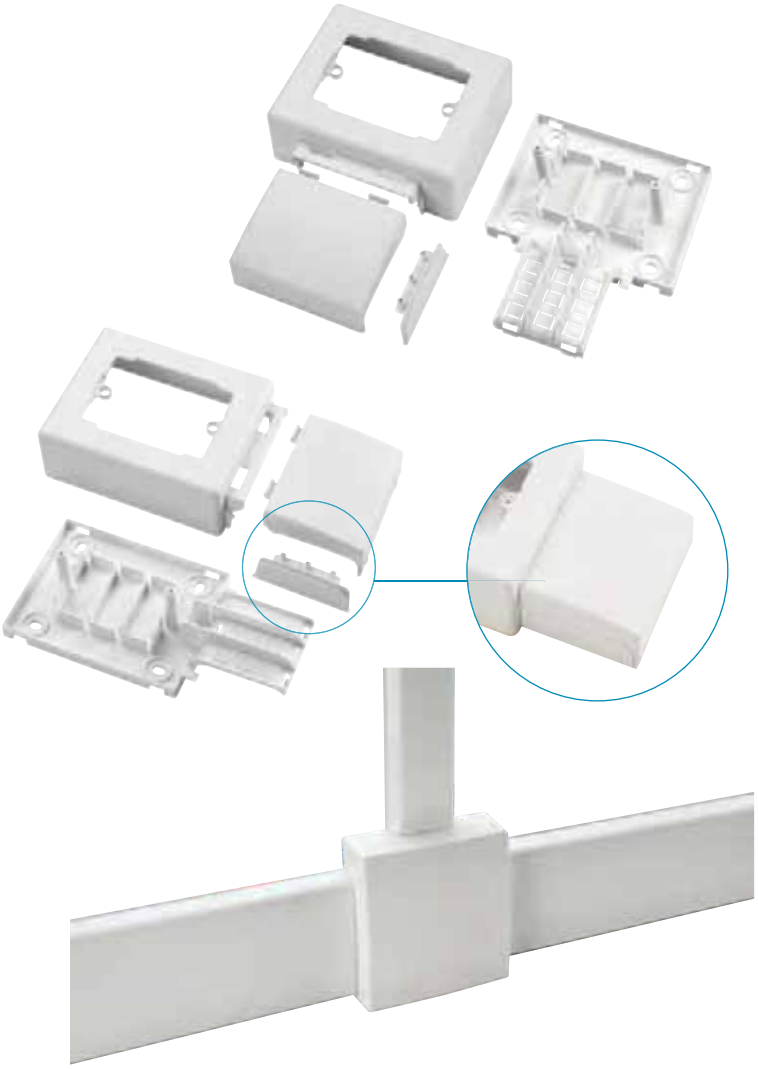
# MAIN TECHNICAL FEATURES

Tower and wall boxes for dimension 70x20

The boxes can be used with the trunking both passing through and stopping into the box

The boxes and the components of the system can be assembled by snap joints without using any screws

The smoothed design of the Series 20 perfectly fits in with any environment



Thanks to the exclusive ending system of the trunking which stops into the box there is no need for additional end caps

The boxes are big and deep enough to contain the modern domotic devices

The end cap can be perfectly put into the joining cover

It is possible to join the two different sizes of the skirting board trunking by the derivation box EC20209/EC20309

From today it is no longer necessary to terminate the trunking track by the usual cap: the tower and wall boxes for the skirting board and wall trunking Symply System in the dimension 70x20mm have an integrated closing system which also allows to interrupt the trunking.
That particular solution makes undoubtedly save time and money: in a single operation you can install the box and end the trunking, all you need to mount the box is contained in the box package.
Then there is no need to use further accessories like the end cap.
Thanks to the perfectly symmetric trunking base (there isn't any top or bottom to pay attention to during the installation) the trunking track can be terminated indifferently on the right or on the left; in this way it isn't necessary to have two different mirror caps as with the asymmetric trunkings.
The device tower boxes, with the special channel termination system in the box, are available in different sizes for 3, 4 and 6 devices for the skirting board trunkings sizes 70x20 and 130x28, while the biggest skirting board trunking also has a tower box suitable for 8 devices.

Simply System MAXI system

# SKIRTING BOARD AND WALL TRUNKING SYSTEM



# mounting examples



# SKIRTING BOARD AND WALL TRUNKING **SERIES 20**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for an easier installation.
- 3 or 5 mirror inner compartments.
- Wrap-around cover removable only by a proper tool.
- Standard length: 2mt-long bars.
- Cover supplied with a transparent protective film.
- Supplied in strong cardboard boxes to make both the transport and the storage easier.
- The first compartment near the floor can be used only for telecommunication circuits.

CE

WHITE RAL 9001

**IP40**

SLATE GREY RAL 7021

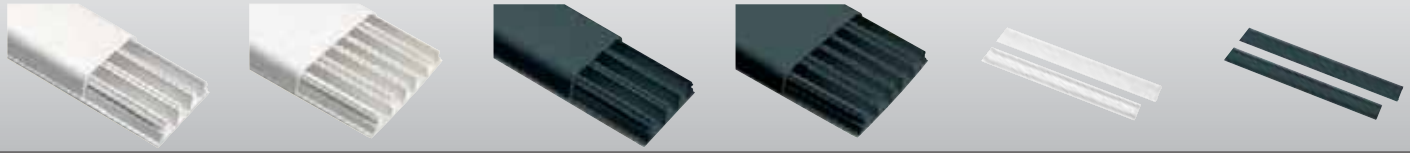
## Skirting board and wall trunking

| ITEM | EXTERNAL DIMENSIONS W x H mm | COMPARTMENTS | COLOUR | PACKAGING m |
|---|---|---|---|---|
| **EC20001** | 70x20 | 3 | WHITE | 24 |
| **EC20101** | 70x20 | 3 | SLATE GREY | 24 |
| **EC20201** | 130x28 | 5 | WHITE | 20 |
| **EC20301** | 130x28 | 5 | SLATE GREY | 20 |

## Compartment lid

| ITEM | PROFILE WIDTH mm | COLOUR | PACKAGING m |
|---|---|---|---|
| **EC20202** | 17 | WHITE | 100 |
| **EC20302** | 17 | SLATE GREY | 100 |





**EC20001** **EC20201** **EC20101** **EC20301** **EC20202** **EC20302**

Simply System MAXI system

# ACCESSORIES **SERIES 20**

**MAIN TECHNICAL FEATURES:**

- They are composed of a flexible internal part, easy to install by screws and permitting the full isolation and separation of the cables in their compartments, and of a rigid cover with a variable angle which can be set directly on the trunking with a simple click.
- Since it is installed in places exposed to accidental hits, the external angle has rounded edges without in order to increase the impact surface..
- **Internal angle**: variable from 70° to 110°.
- **External angle**: variable from 60° to 120°.

CE

WHITE RAL 9001

SLATE GREY RAL 7021

**IP40**

## Variable internal angle

| ITEM | EXTERNAL DIMENSIONS W x H mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20003** | 70x20 | WHITE | 5/25 |
| **EC20103** | 70x20 | SLATE GREY | 5/25 |
| **EC20203** | 130x28 | WHITE | 5 |
| **EC20303** | 130x28 | SLATE GREY | 5 |

## Variable external angle

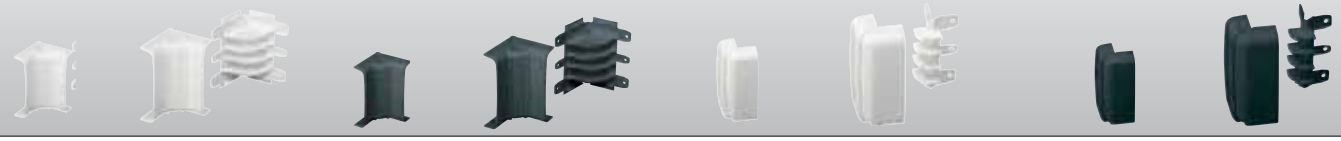
| ITEM | EXTERNAL DIMENSIONS W x H mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20004** | 70x20 | WHITE | 5/25 |
| **EC20104** | 70x20 | SLATE GREY | 5/25 |
| **EC20204** | 130x28 | WHITE | 5 |
| **EC20304** | 130x28 | SLATE GREY | 5 |











**EC20003** **EC20203** **EC20103** **EC20303** **EC20004** **EC20204** **EC20104** **EC20304**

Simply System MAXI system

# ACCESSORIES **SERIES 20**

**MAIN TECHNICAL FEATURES:**

• **The variable flat angle** joins two straight trunking tracks installed on the same level with an intersection angle varying from 90° to 170°. It is composed by a lower part which can be sectioned according to the needed angle width and is to be fixed to the trunking by screws, and by a modular cover to be put on the trunking. Small hooks allow the angle to remain set to the trunking although in case of strong strikes.
• **The 3-way junction box** is absolutely necessary to get T-derivations from the straight trunking track. The inner pre-cutting, shaped for different dimensions, makes the installation easier and permits, besides a perfect design, to keep IP protection degree.
It is also used for derivations perpendicular to the trunking level or to join the floor trunking.
The internal grid, fixed to the wall by screws and to the trunking by a click, prevents from any contact or overlapping of the cables. For the reduction from 130x28 to 70x20 trunking use: EC20209 or EC20309.

CE

WHITE RAL 9001

**IP40**

SLATE GREY RAL 7021

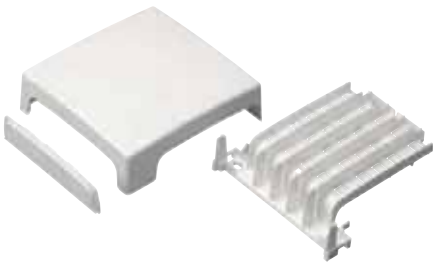
## Variable flat angle

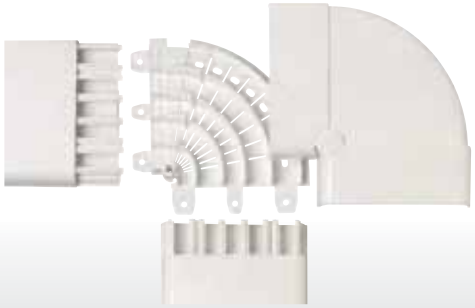
| ITEM | EXTERNAL DIMENSIONS W x H mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20005** | 70x20 | WHITE | 1/10 |
| **EC20105** | 70x20 | SLATE GREY | 1/10 |
| **EC20205** | 130x28 | WHITE | 1/5 |
| **EC20305** | 130x28 | SLATE GREY | 1/5 |

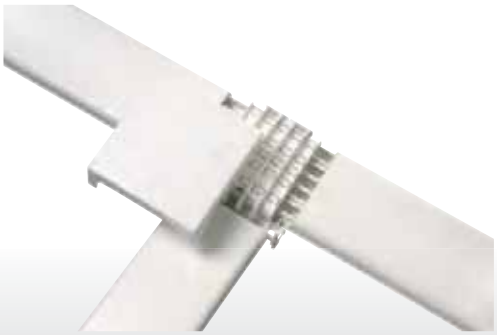
## 3-way junction box

| ITEM | EXTERNAL DIMENSIONS W x H mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20009** | 70x20 | WHITE | 1/5 |
| **EC20109** | 70x20 | SLATE GREY | 1/5 |
| **EC20209** | 130x28 | WHITE | 1/5 |
| **EC20309** | 130x28 | SLATE GREY | 1/5 |

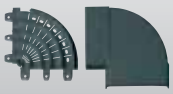


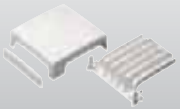


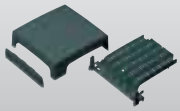












**EC20005 EC20205** **EC20105 EC20305** **EC20009 EC20209** **EC20109 EC20309**

Simply System MAXI system

# ACCESSORIES **SERIES 20**

**MAIN TECHNICAL FEATURES:**

- **Bottom straight joint**: can be easily fixed to the trunking bottom by screws; installed inside the trunking it assures the perfect lining and the continuity of the internal compartments.
- **Cover straight joint**: can be used to cover the contact point of two covers, permits to keep the protection degree IP40 and gives the whole a nice design without any interruptions. The special hooking system to the trunking bottom assures a very good hold in case of a casual hit. .
- **End cap:** entirely closes the trunkings and avoids accessing the internal compartments.

CE

WHITE RAL 9001

SLATE GREY RAL 7021

**IP40**

## Cover straight joint

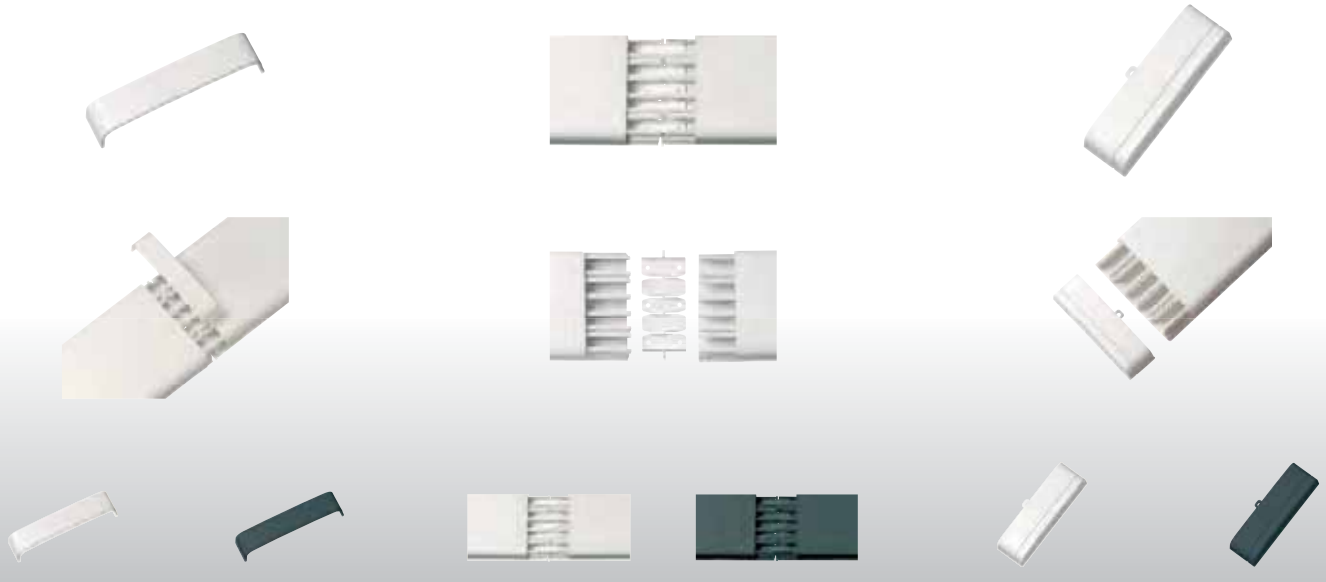
| ITEM | EXTERNAL DIMENSIONS W x H mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20006** | 70x20 | WHITE | 5/25 |
| **EC20106** | 70x20 | SLATE GREY | 5/25 |
| **EC20206** | 130x28 | WHITE | 5/20 |
| **EC20306** | 130x28 | SLATE GREY | 5/20 |

## Bottom straight joint

| ITEM | EXTERNAL DIMENSIONS W x H mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20207** | 130x28 | WHITE | 5/20 |
| **EC20307** | 130x28 | SLATE GREY | 5/20 |

## End cap

| ITEM | EXTERNAL DIMENSIONS W x H mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20008** | 70x20 | WHITE | 5/25 |
| **EC20108** | 70x20 | SLATE GREY | 5/25 |
| **EC20208** | 130x28 | WHITE | 5/20 |
| **EC20308** | 130x28 | SLATE GREY | 5/20 |



**EC20006 EC20206 EC20106 EC20306 EC20207 EC20307 EC20008 EC20208 EC20108 EC20308**

Simply System MAXI system

# ACCESSORIES **SERIES 20**

**MAIN TECHNICAL FEATURES:**

- **The device box** hole centre distance 83,5mm – 3 modules - can be used to install the electrical devices, up to 3 Italian standard devices. with the blank cover it can be employed as derivation box.
- This item is composed of 4 parts:
- the bottom, to be fixed to the trunking with a simple click and to the wall by 4 screws; it also serves insulating base and grid keeping the different electrical circuits separated.
- the upper part properly shaped to house the device frames.
- the trunking covering piece which not only has a protective function but also gives the whole box an elegant harmonic design.
- the integrated end cap permits to interrupt the trunking without using an additional end cap.

CE

WHITE RAL 9001

**IP40**

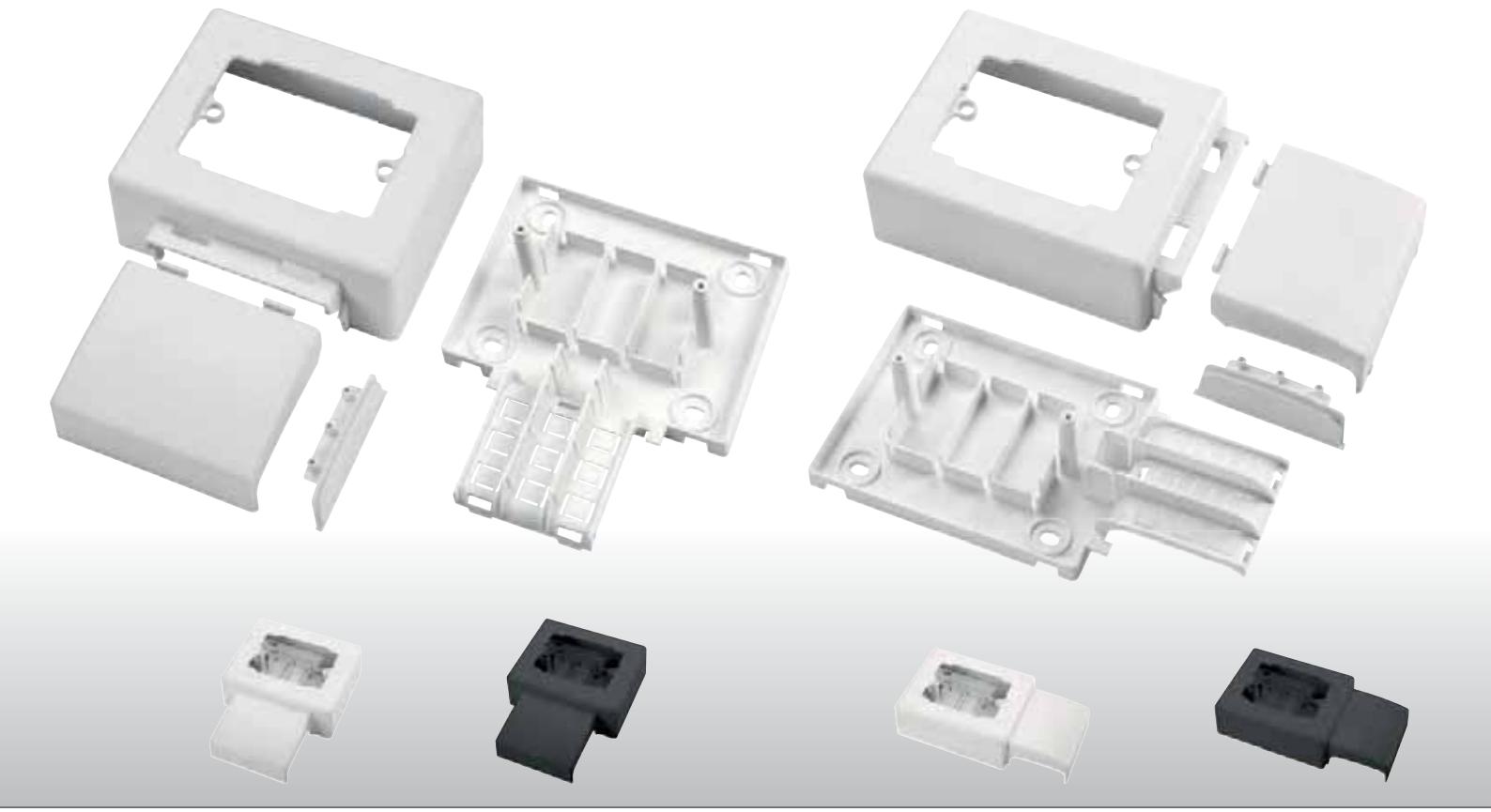
SLATE GREY RAL 7021

## Tower device box – hole centre distance 83,5 mm – 3 modules – trunking 70x20

| ITEM | TRUNKING | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|---|
| **EC20010** | 70x20 | 140x185x50 | WHITE | 1/10 |
| **EC20110** | 70x20 | 140x185x50 | SLATE GREY | 1/10 |

## Wall device box – hole centre distance 83,5 mm – 3 modules – trunking 70x20

| ITEM | TRUNKING | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|---|
| **EC20011** | 70x20 | 212x112x50 | WHITE | 1/10 |
| **EC20111** | 70x20 | 212x112x50 | SLATE GREY | 1/10 |



**EC20010** **EC20110** **EC20011** **EC20111**

Simply System

# ACCESSORIES **SERIES 20**

**MAIN TECHNICAL FEATURES:**

• **The device boxes hole centre distance 108,5-100 mm – 4 or 6 modules** - can be used to install the electrical devices, up to 4-6 Italian standard devices or 2-3 multistandard sockets. It is possible to install any device thanks to the big inner volume.
• This items are composed of 3 parts:
• the bottom, to be fixed to the trunking with a simple click and to the wall by 4 screws; it also serves insulating base and grid keeping the different electrical circuits separated.
• the upper part properly shaped to house the device frames.
• the trunking covering piece which not only has a protective function but also gives the whole box an elegant harmonic design.

CE

WHITE RAL 9001

**IP40**

SLATE GREY RAL 7021

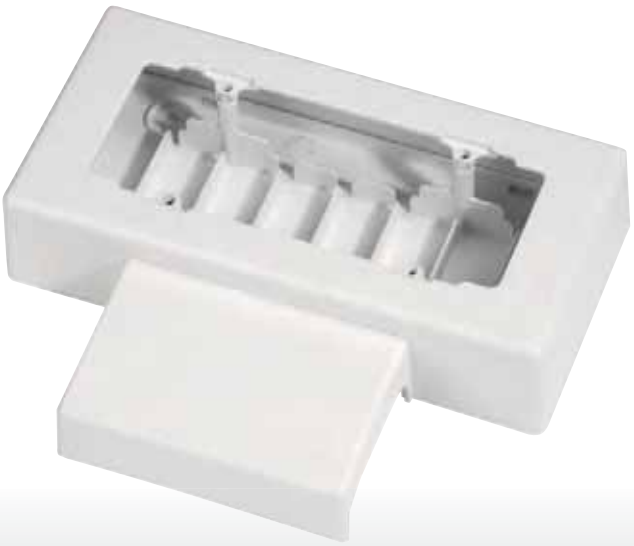
## Tower device box – hole centre distance 108,5 mm – 4 modules – trunking 70x20

| ITEM | TRUNKING | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|---|
| **EC20015** | 70x20 | 165x185x50 | WHITE | 1/10 |
| **EC20115** | 70x20 | 165x185x50 | SLATE GREY | 1/10 |

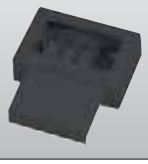
## Tower device box – hole centre distance 100 mm – 6 modules – trunking 70x20

| ITEM | TRUNKING | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|---|
| **EC20016** | 70x20 | 225x185x50 | WHITE | 1/8 |
| **EC20116** | 70x20 | 225x185x50 | SLATE GREY | 1/8 |

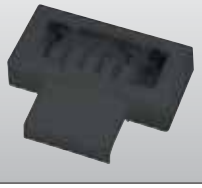












**EC20015** **EC20115** **EC20016** **EC20116**

Simply System

# ACCESSORIES **SERIES 20**

**MAIN TECHNICAL FEATURES:**

• **The device boxes hole centre distance 83,5-108,5 mm** – 3, 4 or 6 modules - can be used to install the electrical devices, from 3 to 8 Italian standard devices or 2, 3 or 4 multistandard sockets. It is possible to install any device thanks to the big inner volume.
• In a 8-module box (2x4-module rows), 1 row (only 1) can be changed into a 3-module row by using the accessories supplied with the box. This items are composed of 3 parts:
• the bottom, to be fixed to the trunking with a simple click and to the wall by 4 screws; it also serves insulating base and grid keeping the different electrical circuits separated.
• the upper part properly shaped to house the device frames.
• the trunking covering piece which not only has a protective function but also gives the whole box an elegant harmonic design.

CE

WHITE RAL 9001

**IP40**

SLATE GREY RAL 7021

## Tower device box – hole centre distance 83,5 mm – 3 modules – trunking 130x28

| ITEM | TRUNKING | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|---|
| **EC20210** | 130x28 | 140x230x50 | WHITE | 1/6 |
| **EC20310** | 130x28 | 140x230x50 | SLATE GREY | 1/6 |

## Tower device box – hole centre distance 108,5 mm – 4 modules – trunking 130x28

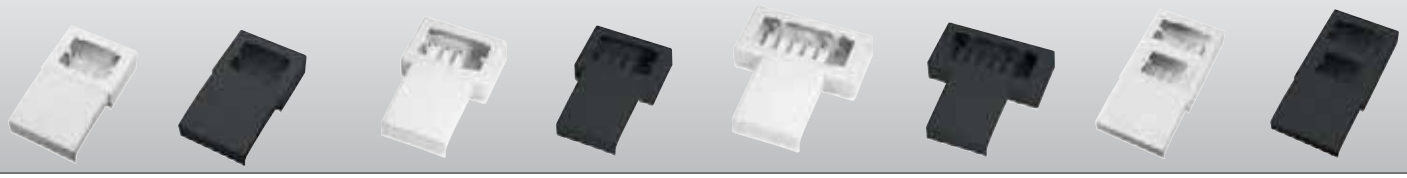
| ITEM | TRUNKING | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|---|
| **EC20215** | 130x28 | 165x240x50 | WHITE | 1/10 |
| **EC20315** | | | SLATE GREY | |

## Tower box – hole centre distance 100 mm – 6 modules – trunking 130x28

| ITEM | TRUNKING | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|---|
| **EC20216** | 130x28 | 225x240x50 | WHITE | 1/10 |
| **EC20316** | 130x28 | 165x240x50 | SLATE GREY | 1/10 |

## Tower box – hole centre distance 108,5 mm – 8 modules – trunking 130x28

| ITEM | TRUNKING | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|---|
| **EC20211** | 130x28 | 170x340x50 | WHITE | 1/4 |
| **EC20311** | 130x28 | 170x340x50 | SLATE GREY | 1/4 |



**EC20210** **EC20310** **EC20215** **EC20315** **EC20216** **EC20316** **EC20211** **EC20311**

# ACCESSORIES **SERIES 20**

**MAIN TECHNICAL FEATURES:**

- **Box lids.**
- The lid can be used to temporarily close the installed 3-4-6 module boxes, to make the boxes serve as derivation/junction boxes or to have them ready for a future use.
- Screws included in the box.

CE

WHITE RAL 9001

**IP40**

SLATE GREY RAL 7021

## 3-module box cover – hole centre distance 83,5 mm – with screws

| ITEM | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20212** | 117x80x5 | WHITE | 1/50 |
| **EC20312** | 117x80x5 | SLATE GREY | 1/50 |

## 4-module box cover – hole centre distance 108,5 mm – with screws

| ITEM | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20213** | 136x80x5 | WHITE | 1/50 |

## 6-module box cover – hole centre distance 100 mm – with screws

| ITEM | DIMENSIONS W x H x D mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC20214** | 203x80x5 | WHITE | 1/50 |










**EC20212** **EC20312** **EC20213** **EC20214**

Simply System MAXI system

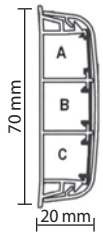
## CHOICE TABLE FOR SKIRTING BOARD AND WALL TRUNKING SERIES 20

DIMENSION 70x20 mm - 3 COMPARTMENTS

| |  |  |  |  |  |  | |  |
|---|---|---|---|---|---|---|---|---|
| COLOUR | TRUNKING AND COVER | COMPART-MENT LID | VARIABLE INTERNAL ANGLE | VARIABLE EXTERNAL ANGLE | VARIABLE FLAT ANGLE | STRAIGT JOINT | | END CAP |
| WHITE | EC20001 | EC20202 | EC20003 | EC20004 | EC20005 | EC20006 | | EC20008 |
| SLATE GREY | EC20101 | EC20302 | EC20103 | EC20104 | EC20105 | EC20106 | | EC20108 |

| |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|
| COLOUR | 3-WAY JUNCTION BOX | 3-MODULE TOWER DEVICE BOX | 3-MODULE WALL DEVICE BOX | 4-MODULE TOWER DEVICE BOX | 6-MODULE TOWER DEVICE BOX | 3-MODULE BOX LID | 4-MODULE BOX LID | 6-MODULE BOX LID |
| WHITE | EC20009 | EC20010 | EC20011 | EC20015 | EC20016 | EC20212 | EC20213 | EC20214 |
| SLATE GREY | EC20109 | EC20110 | EC20111 | EC20115 | EC20116 | EC20312 | | |

## MAXIMUM CABLE CAPACITY – DIMENSION 70x20 mm 3 COMPARTMENTS




| COMPARTMENT | SECTION COMPARTMENT mm² | CABLE 1,5 mm² N° | CABLE 2,5 mm² N° | CABLE 4 mm² N° | CABLE 6 mm² N° |
|---|---|---|---|---|---|
| A | 223 | 16 | 10 | 8 | 4 |
| B | 250 | 18 | 11 | 9 | 5 |
| C | 223 | 16 | 10 | 8 | 4 |

Cable H07V-K. Max cable size which can be installed is 14mm. If electrical circuits are installed the reference Standard CEI 64/8 provides that the trunking can be filled max up to 50% of its capacity. The fist compartment near the floor is to be used only for telecommunication networks. The skirting board trunkings are supplied in the standard length of 2 mt ± 5 mm.

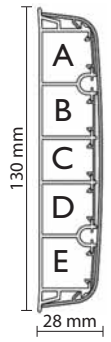
## MAXI system CHOICE TABLE FOR SKIRTING BOARD AND WALL TRUNKING SERIES 20

DIMENSION 130x28 mm - 5 COMPARTMENTS

| COLOUR | TRUNKING AND COVER | COMPART-MENT LID | VARIABLE INTERNAL ANGLE | VARIABLE EXTERNAL ANGLE | VARIABLE FLAT ANGLE | STRAIGHT JOINT | BOTTOM STRAIGHT JOINT | END CAP |
|---|---|---|---|---|---|---|---|---|
| WHITE | EC20201 | EC20202 | EC20203 | EC20204 | EC20205 | EC20206 | EC20207 | EC20208 |
| SLATE GREY | EC20301 | EC20302 | EC20303 | EC20304 | EC20305 | EC20306 | EC20307 | EC20308 |

| COLOUR | 3-WAY JUNCTION BOX | 3-MODULE TOWER DEVICE BOX | 4-MODULE TOWER DEVICE BOX | 6-MODULE TOWER DEVICE BOX | 8-MODULE TOWER DEVICE BOX | 3-MODULE BOX LID | 4-MODULE BOX LID | 6-MODULE BOX LID |
|---|---|---|---|---|---|---|---|---|
| WHITE | EC20209 | EC20210 | EC20215 | EC20216 | EC20211 | EC20212 | EC20213 | EC20214 |
| SLATE GREY | EC20309 | EC20310 | EC20315 | EC20316 | EC20311 | EC20312 | | |

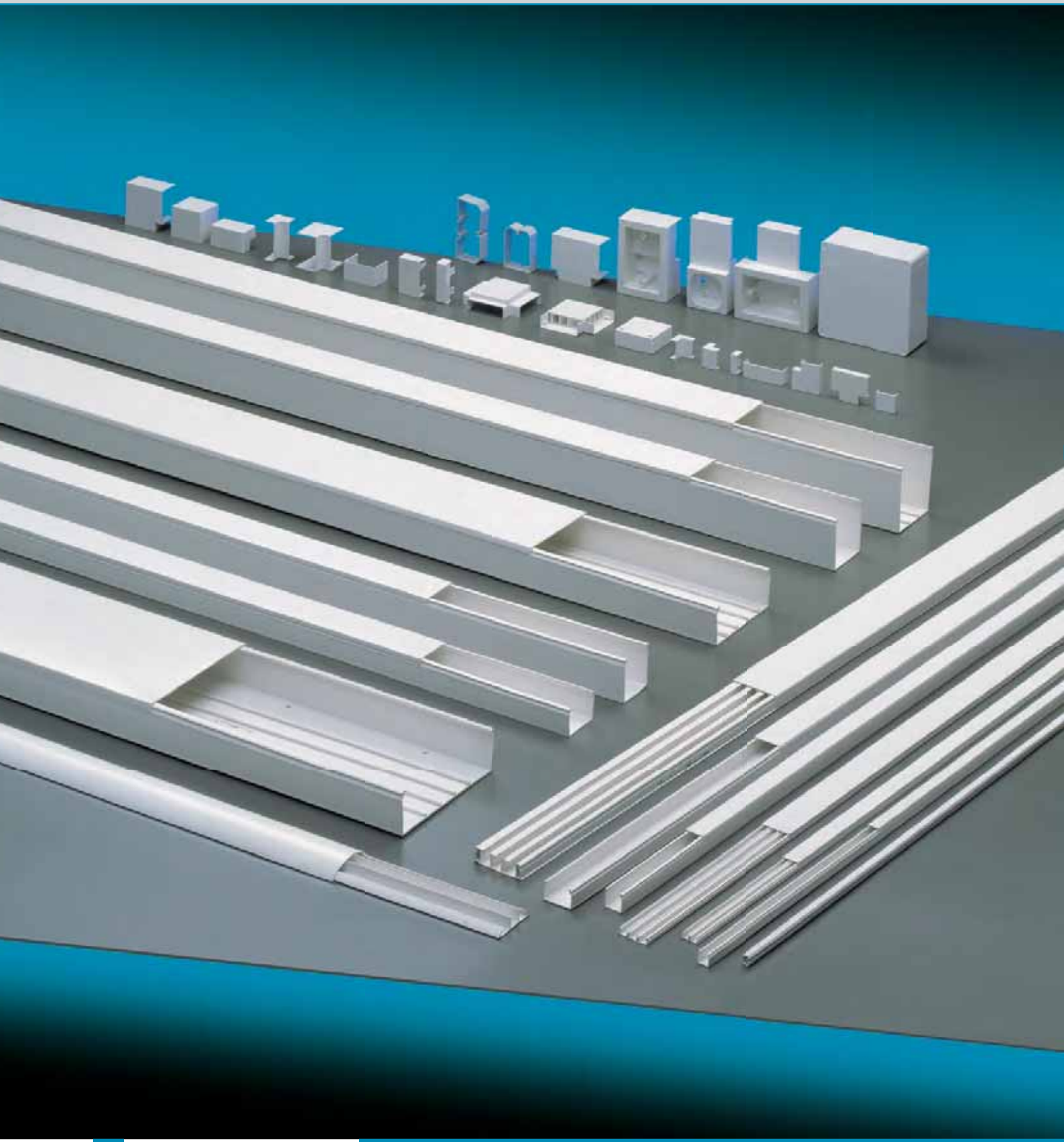
## MAXIMUM CABLE CAPACITY – DIMENSION 130x28 mm 5 COMPARTMENTS




| COMPARTMENT | SECTION COMPARTMENT mm² | CABLE 1,5 mm² N° | CABLE 2,5 mm² N° | CABLE 4 mm² N° | CABLE 6 mm² N° |
|---|---|---|---|---|---|
| A | 408 | 30 | 19 | 15 | 8 |
| B | 418 | 31 | 21 | 16 | 9 |
| C | 360 | 27 | 18 | 13 | 8 |
| D | 418 | 31 | 21 | 16 | 9 |
| E | 408 | 30 | 19 | 15 | 8 |

Cable H07V-K. Max cable size which can be installed is 14mm. If electrical circuits are installed the reference Standard CEI 64/8 provides that the trunking can be filled max up to 50% of its capacity. The fist compartment near the floor is to be used only for telecommunication networks. The skirting board trunkings are supplied in the standard length of 2 mt ± 5 mm.

# MINITRUNKING SYSTEMS



2

## MAIN TECHNICAL FEATURES

Material: technopolymer on rigid PVC base, self-extinguishing V0 (UL94) and high resistant to UV rays.
Standard colours: white RAL 9001, grey RAL 7030 or brown RAL 8014.
System protection degree: IP40 (trunking + accessories).
Resistance to mechanical shocks MC series : IK 07 (shocks up to 2J).
Resistance to heat in continuous use: up to +70° C.
Resistance to abnormal heat: up to 650° C (Glow Wire Test, Reference Standard IEC 60695-2-11).
Insulation resistance: > 100MΩ.
Dielectric voltage > 3.000 V~.
Installation temperature range: minimum –5° C, maximum +60° C.
Standard length: 2 mt bars.
Reference standards: EN 50085-1, EN 50085-2-1.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Minitrunking with front-hooking cover
Series MC
page 34



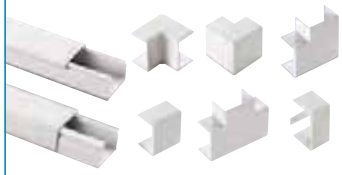

Minitrunking with wrap-around cover rounded edges
Series MC
page 36



Minitrunking with wrap-around cover
Series MCA
page 37



Self-adhesive minitrunking with hinged cover
Series MA
page 38



Minitrunking systems
Series MC-MCA
page 40



Floor trunking
Series CAP
page 52



Modular floor boxes
Series 160
page 53



Wall mounting modular enclosure IP40 white RAL 9001 with transparent door
Series 600 page 54

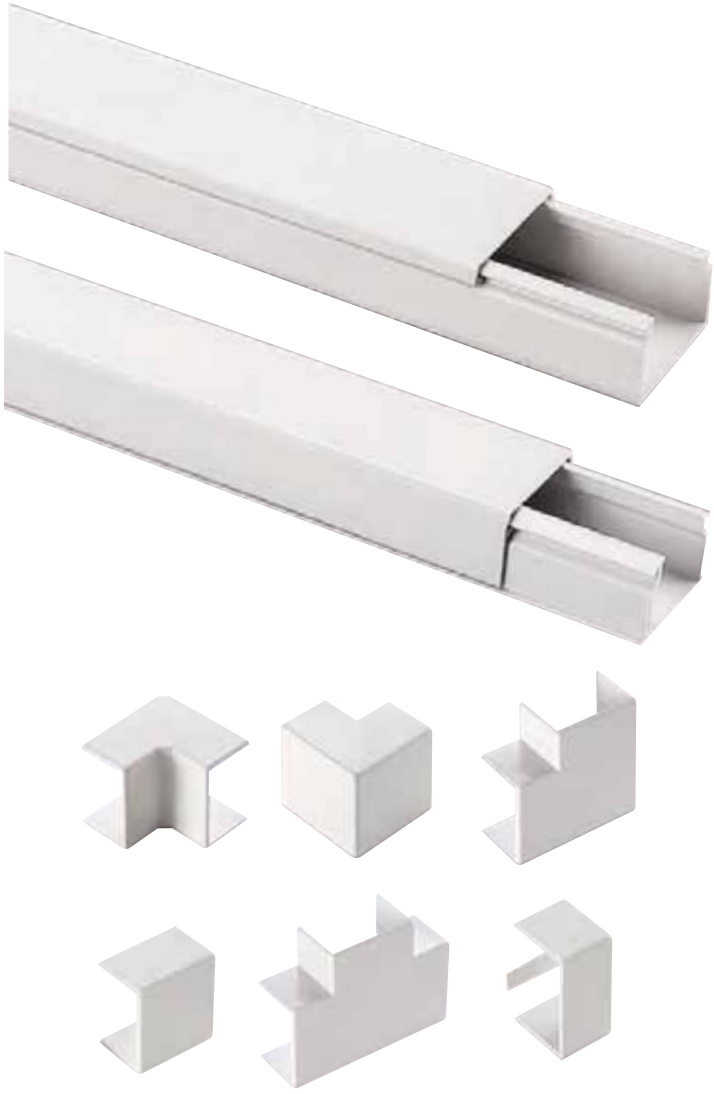
# MAIN TECHNICAL FEATURES

Externally grooved bottom for a fast fixing by glues or silicone adhesives

Wrap-around cover without sharp edges, functional modern design

In the trunkings with wrap-around cover the lid can be removed only by a proper tool

The particular form makes the most of the inner room and permits to unify the accessories



Perforated bottom for a quicker and more precise installation

The minitrunkings can have 1,2 or 3 internal compartments for any distribution need

The bottom of the wrap-around trunkings has got a spacing profile for the installation in the corner

Accessories for change of direction for any installation need

Fully made of self-extinguishing technopolymer on PVC base and available in white RAL 9001 or, on request, in grey RAL 7030 and brown RAL 8014, the minitrunkings are characterized by perfectly symmetric inner compartments; they can be easily installed on the wall, as skirting board and also in the corner, thanks to the spacing profile (in the version with wrap-around cover), which keeps the trunking distant enough from the wall, so that the cover can be set without any problem.
The wide range of minitrunkings MC and MCA with standard or wrap-around covers is composed of 28 different dimensions and types, with an inner splitting with 1, 2 or 3 sections. The perfectly separated compartments permit to put, in the same trunking, the wires of different electric circuits: power, phone, data transmission and other, without any risk of interferences or inappropriate overlapping, according to the Standard CEI 64-8.
The derivation boxes has an appropriate grid allowing to keep the cables divided. The device boxes, equipped with a blank cover, can be also used as further junction boxes.
Some sizes of the minitrunkings system are available with or without internal separator. That is an undoubted advantage for the renovation and the widening of complex electrical systems (power, telephone, HI-FI television, SAT) without the risk of interferences.
The several accessories for the change of direction, the derivation boxes and the device boxes allow to put together a complete and functional distribution system.
The minitrunkings MC and MCA can be combined with skirting board and wall trunking system and cable trunking system, as well as the modular enclosures manufactured in the same colour as the minitrunkings, in order to fulfill the installation and renovation needs with a compact elegant functional system.

# MAIN TECHNICAL FEATURES

Detail of the minitrunking with hinged cover



The closing system of the cover assures a robust shutting which makes the installation faster

The hinge is so designed to guarantee a long-lasting closing



The smoothed shape of the series MCA perfectly fits in with any environment

The minitrunkings MCA have a double-sided adhesive tape for a lasting fixing

The wall-mounting device boxes are the ideal complement to the minitrunkings

The plentiful sizes offer very good solutions also for the most demanded installations

Fully made of self-extinguishing rigid PVC and available in white RAL 9001 or, on request, in brown RAL 8014, the minitrunkings series MA has the bottom provided with a double-sided adhesive tape which permits the temporary or permanent fixing on smooth clean surfaces.
The integrated hinged cover is another peculiarity of this series.
This practical solution combines in a single action the installation of the bottom and the cover, so that the lids can't get lost during the installation or any following maintenance works.
The particular wrapping design without sharp edges looks very discreet, so that it can be used in elegant environments.
The minitrunking range is composed of 6 different dimensions, which enable the installer to choose the most suitable dimension for the installation need.
The minitrunkings MC and MCA can be combined with skirting board and wall trunking system and cable trunking system, as well as the modular enclosures manufactured in the same colour as the minitrunkings, in order to fulfill the installation and renovation needs with a compact elegant functional system.



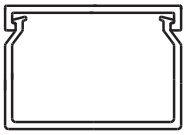
# mounting examples



# MINITRUNKINGS WITH FRONT-HOOKING COVER **SERIES MC**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives.
- Accessories are set onto the trunking with a simple click.
- Resistance to mechanical shocks IK 07.
- Protection degree IP40 only if installed with the proper accessories.
- Front-hooking cover supplied already mounted on the bottom, standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: G = grey, M = brown.**



**IP40**

CE

WHITE RAL 9001

On request:

GREY RAL 7030

On request:

BROWN RAL 8014

## Minitrunking with front-hooking cover

| ITEM | EXTERNAL DIMENSIONS W x H mm | COMPARTMENT NR. | SECTION AREA mm² | PACKAGING m |
|---|---|---|---|---|
| **ECMC2010B** | 20x10 | 1 | 126 | 100 |
| **ECMC2210-1B** | 22x10 | 1 | 128 | 100 |
| **ECMC2210B** | 22x10 | 2 | 126 | 100 |
| **ECMC3010B** | 30x10 | 2 | 172 | 80 |
| **ECMC3010-1B** | 30x10 | 1 | 174 | 80 |
| **ECMC4010B** | 40x10 | 3 | 220 | 60 |
| **ECMC1517B** | 15x17 | 1 | 168 | 100 |
| **ECMC2517B** | 25x17 | 1 | 249 | 80 |
| **ECMC4017-1B** | 40x17 | 1 | 418 | 50 |
| **ECMC4017B** | 40x17 | 2 | 416 | 50 |
| **ECMC6017B** | 60x17 | 3 | 685 | 70 |
| **ECMC5020B** | 50x20 | 1 | 625 | 60 |
| **ECMC5020-1B** | 50x20 | 2 | 620 | 60 |
| **ECMC5020-2B** | 50x20 | 3 | 615 | 60 |
| **ECMC2525B** | 25x25 | 1 | 480 | 100 |
| **ECMC4025B** | 40x25 | 1 | 752 | 80 |



# MINITRUNKINGS WITH FRONT-HOOKING COVER **SERIES MC**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives.
- Accessories are set onto the trunking with a simple click.
- Resistance to mechanical shocks IK 07.
- Protection degree IP40.
- Front-hooking cover supplied already mounted on the bottom, standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: G = grey, M = brown.**



**IP40**

CE

WHITE RAL 9001

On request:

GREY RAL 7030

On request:

BROWN RAL 8014

## Minitrunking with front-hooking cover – German type

| ITEM | EXTERNAL DIMENSIONS W x H mm | COMPARTMENT NR. | SECTION AREA mm² | PACKAGING m |
|---|---|---|---|---|
| **ECMC1515B** | 15x15 | 1 | 148 | 100 |
| **ECMC1818B** | 18x18 | 1 | 202 | 100 |
| **ECMC2020B** | 20x20 | 1 | 264 | 90 |
| **ECMC3015B** | 30x15 | 1 | 283 | 80 |
| **ECMC3030B** | 30x30 | 1 | 652 | 80 |

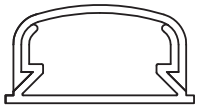


## MINITRUNKING WITH WRAP-AROUND COVER ROUNDED **SERIES MC**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click by 4 points.
- Resistance to mechanical shocks IK 06.
- Protection degree IP40 only if installed with the proper accessories.
- Wrap-around cover supplied already mounted on the bottom, it can be removed only by a proper tool.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: A=Slate grey.**



**IP40**

CE

WHITE RAL 9001

SLATE GREY RAL 7021

## Minitrunkig with wrap-around cover rounded edges

| ITEM | EXTERNAL DIMENSIONS W x H mm | COMPARTMENT NR. | SECTION AREA mm² | PACKAGING m |
|---|---|---|---|---|
| **ECMC2213-1B** | 22x13 | 1 | 167 | 100 |
| **ECMC3213-1B** | 32x13 | 1 | 267 | 80 |

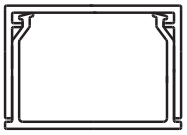


- New **elegant design**, perfectly fits in with any environment .
- **Rounded cover**: + 30% of wiring .
- **Positioning edge** for easy fitting accessories.
- Also available in **slate grey -** colour code: A.

# MINITRUNKING WITH WRAP-AROUND COVER **SERIES MCA**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Resistance to mechanical shocks IK 04.
- Protection degree IP40 only if installed with the proper accessories.
- Wrap-around cover supplied already mounted on the bottom, it can be removed only by a proper tool.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: G = grey, M = brown.**



**IP20**

CE

WHITE RAL 9001

On request:

GREY RAL 7030

On request:

BROWN RAL 8014

## Minitrunkig with wrap-around cover

| ITEM | EXTERNAL DIMENSIONS W x H mm | COMPARTMENT NR. | SECTION AREA $mm^2$ | PACKAGING m |
|---|---|---|---|---|
| **ECMC2010AB** | 20x10 | 1 | 126 | 100 |
| **ECMC3010AB** | 30x10 | 2 | 172 | 80 |
| **ECMC1517AB** | 15x17 | 1 | 168 | 80 |
| **ECMC2517AB** | 25x17 | 1 | 249 | 60 |
| **ECMC4017AB** | 40x17 | 2 | 416 | 80 |
| **ECMC2525AB** | 25x25 | 1 | 480 | 80 |
| **ECMC4025AB** | 40x25 | 1 | 752 | 60 |



# SELF-ADHESIVE MINITRUNKINGS WITH HINGED COVER **SERIES MA**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- High-resistance and high-holding adhesive tape on the bottom.
- Hinged cover with snapped closing.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: M = brown.**



WHITE RAL 9001

On request:

BROWN RAL 8014

| ITEM | EXTERNAL DIMENSIONS W x H mm | COMPARTMENT NR. | SECTION AREA $mm^2$ | PACKAGING m |
|---|---|---|---|---|
| **ECMA1010** | 10x10 | 1 | 62 | 200 |
| **ECMA1510** | 15x10 | 1 | 100 | 150 |
| **ECMA2010** | 20x10 | 1 | 128 | 100 |
| **ECMA12575** | 12,5x7,5 | 1 | 54 | 200 |
| **ECMA2075** | 20x7,5 | 1 | 94 | 150 |
| **ECMA125125** | 12,5x12,5 | 1 | 102 | 150 |



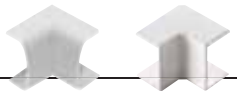
# COMPONENTS OF THE MINITRUNKING SYSTEMS

The minitrunking systems are composed of the trunking and accessories for the change of direction, the joining and the derivation, that, if correctly assembled and installed, form a system with protection degree IP40.
The accessories for the change of direction are set directly on the trunking with a click.

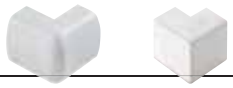
MINITRUNKING WITH FRONT-HOOKING OR WARP-AROUND COVER
*MADE OF SELF-EXTINGUISHING TECHNOPOLYMER*



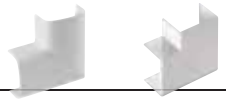
90° INTERNAL ANGLE FOR CHANGE OF DIRECTION



90° EXTERNAL ANGLE FOR CHANGE OF DIRECTION



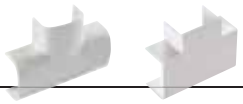
90° FLAT ANGLE FOR CHANGE OF DIRECTION



STRAIGHT JOINT TO LINK 2 TRUNKING TRACKS



T JOINT FOR DERIVATIONS ON THE SAME LEVEL



END CAP TO CLOSE STRAIGHT TRUNKING TRACKS



DEVICE BOX HOLE CENTRE DISTANCE 60/67 mm
*TO INSTALL DEVICES FROM DIFFERENT STANDARDS OR SCHUKO SOCKETS THANKS TO THE DIFFERENT HOUNSINGS – SIDE PRE-CUTTING FOR THE TRUNKING INLET*



ADAPTOR BOXES FOR 3,4 AND 6 MODULES
*SIDE PRE-CUTTING FOR THE TRUNKING INLET*



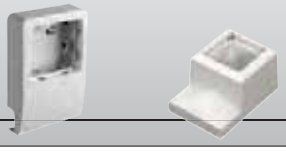
SELF-SUPPORTING BOXES FOR ITALIAN DEVICES
*THEY CAN BE USED FOR DEVICES TYPE "MAGIC" OR SIMILAR ONES. THE DEVICES ARE FIXED WITHOUT ANYSUPPORTS OR FRAMES. SIDE PRE-CUTTING FOR THE TRUNKING INLET*



SEPARATION BOX FOR TRUNKINGS WITH SEVERAL COMPARTMENTS *TO SEPARATE THE DIFFERENT ELECTRICAL CIRCUITS AND TO MAKE DERIVATIONS*



SELF-SUPPORTING BOXES FOR "SAILLIE" DEVICES
DEVICE BOX 45X45 mm
*TO INSTALL FRENCH STANDARD DEVICES*

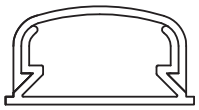


# MINITRUNKING SYSTEMS WITH WRAP-AROUND COVER ROUNDED **22x13**

new!

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- accessories are set onto the trunking with a simple click by 4 points.
- Resistance to mechanical shocks IK 06.
- Protection degree IP40 only if installed with the proper accessories.
- Wrap-around cover supplied already mounted on the bottom, it can be removed only by a proper tool.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: A=Slate grey.**



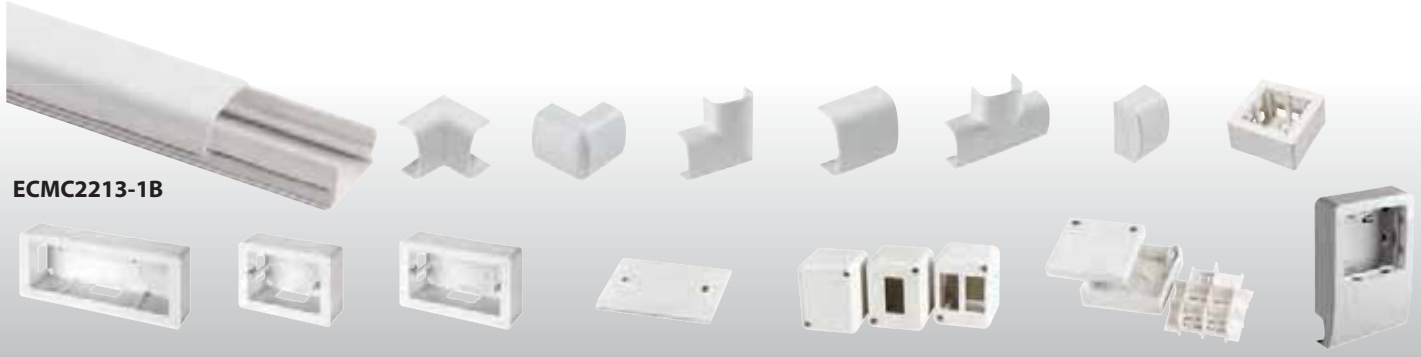
**IP40**

CE

WHITE RAL 9001

SLATE GREY RAL 7021

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC2213-1B** | Minitrunking wit wrap-around cover | 22x13 | 1 | 100 m |
| **ECAI2213B** | Internal angle | 22x13 | - | 2/50 pcs |
| **ECAE2213B** | External angle | 22x13 | - | 2/50 pcs |
| **ECAP2213B** | Flat angle | 22x13 | - | 2/50 pcs |
| **ECGU2213B** | Straight joint | 22x13 | - | 2/50 pcs |
| **ECT2213B** | T-joint | 22x13 | - | 2/50 pcs. |
| **ECTT2213B** | End cap | 22x13 | - | 2/50 pcs. |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSM0** | Blank box | 52x64x46 | - | -/30 pcs |
| **ECSM1** | Box for 1 device type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSM2** | Box for 2 devices type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |
| **ECSPA2213B** | French standard "saillie" device box | 118x74x24 | - | 1/30 pcs |



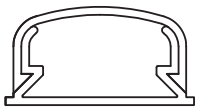
**ECMC2213-1B**

# MINITRUNKING SYSTEMS WITH WRAP-AROUND COVER ROUNDED **32x13**

new!

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click by 4 points.
- Resistance to mechanical shocks IK 06.
- Protection degree IP40 only if installed with the proper accessories.
- Wrap-around cover supplied already mounted on the bottom, it can be removed only by a proper tool.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: A=Slate grey.**



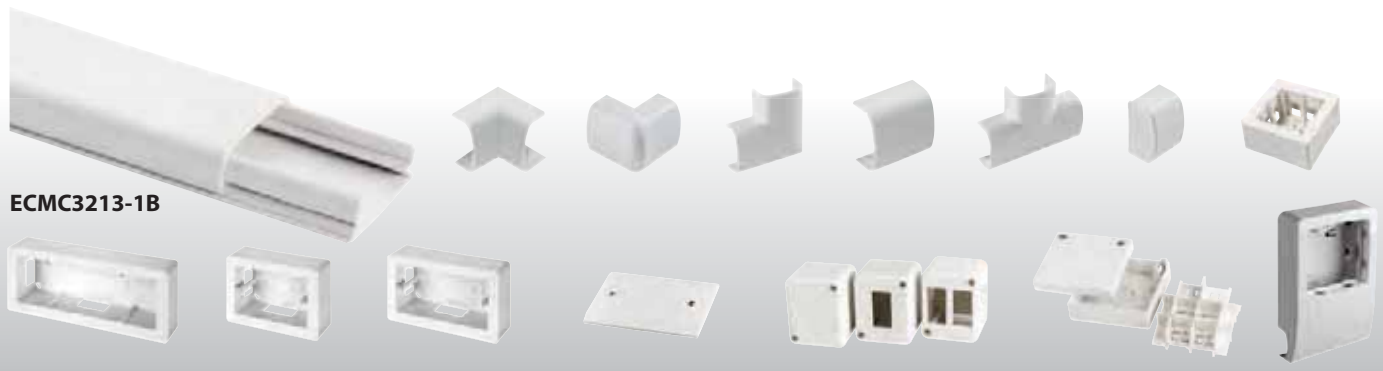
**IP40**

CE

WHITE RAL 9001

SLATE GREY RAL 7021

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC3213-1B** | Minitrunking wit wrap-around cover | 32x13 | 1 | 80 m |
| **ECAI3213B** | Internal angle | 32x13 | - | 2/50 pcs |
| **ECAE3213B** | External angle | 32x13 | - | 2/50 pcs |
| **ECAP3213B** | Flat angle | 32x13 | - | 2/50 pcs |
| **ECGU3213B** | Straight joint | 32x13 | - | 2/50 pcs |
| **ECT3213B** | T-joint | 32x13 | - | 2/50 pcs |
| **ECTT3213B** | End cap | 32x13 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSM0** | Blank box | 52x64x46 | - | -/30 pcs |
| **ECSM1** | Box for 1 device type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSM2** | Box for 2 devices type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |
| **ECSPA3213B** | French standard "saillie" device box | 118x74x24 | - | 1/30 pcs |



**ECMC3213-1B**

## MINITRUNKING SYSTEM **20x10**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

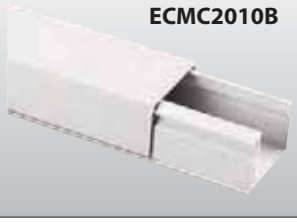
**IP40**

WHITE RAL 9001

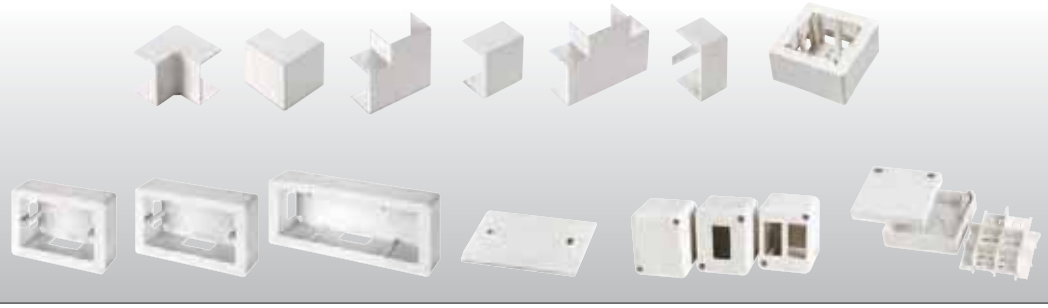
| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC2010B** | Minitrunking with front-hooking cover | 20x10 | 1 | 100 m |
| **ECMC2010AB** | Minitrunking wit wrap-around cover | 20x10 | 1 | 100 m |
| **ECAI2010B** | Internal angle | 20x10 | - | 2/50 pcs |
| **ECAE2010B** | External angle | 20x10 | - | 2/50 pcs |
| **ECAP2010B** | Flat angle | 20x10 | - | 2/50 pcs |
| **ECGU2010B** | Straight joint | 20x10 | - | 2/50 pcs |
| **ECT2010B** | T-joint | 20x10 | - | 2/50 pcs |
| **ECTT2010B** | End cap | 20x10 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSM0** | Blank box | 52x64x46 | - | -/30 pcs |
| **ECSM1** | Box for 1 device type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSM2** | Box for 2 devices type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |



**ECMC2010B**



**ECMC2010AB**



# MINITRUNKING SYSTEM **22x10**

**MAIN TECHNICAL FEATURES:**

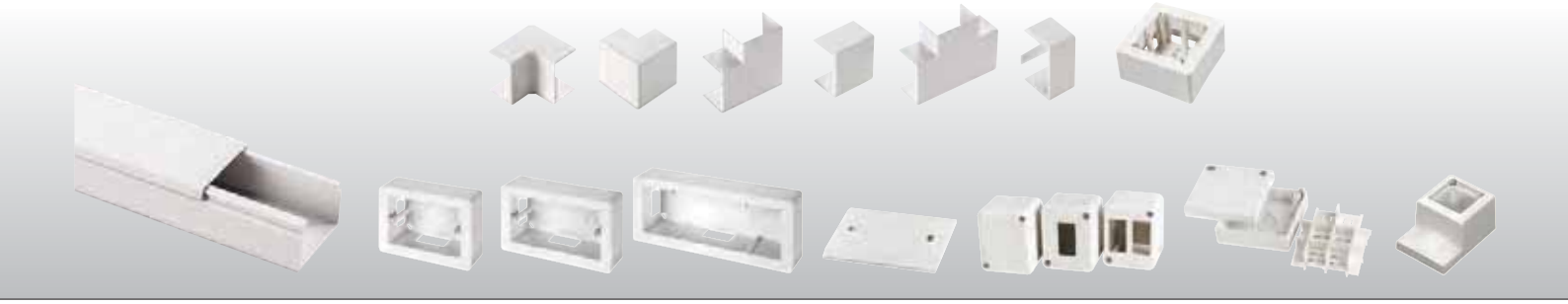
- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

CE

WHITE RAL 9001

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC2210-1B** | Minitrunking with front-hooking cover | 22x10 | 1 | 100 m |
| **ECMC2210B** | Minitrunking with front-hooking cover | 22x10 | 2 | 100 m |
| **ECAI2210B** | Internal angle | 22x10 | - | 2/50 pcs |
| **ECAE2210B** | External angle | 22x10 | - | 2/50 pcs |
| **ECAP2210B** | Flat angle | 22x10 | - | 2/50 pcs |
| **ECGU2210B** | Straight joint | 22x10 | - | 2/50 pcs |
| **ECT2210B** | T-joint | 22x10 | - | 2/50 pcs |
| **ECTT2210B** | End cap | 22x10 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSM0** | Blank box | 52x64x46 | - | -/30 pcs |
| **ECSM1** | Box for 1 device type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSM2** | Box for 2 devices type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |
| **ECSPA45B** | French standard device 45x45 mm box | 100x68x51 | - | 1/30 pcs |



**ECMC2210-1B**

## MINITRUNKING SYSTEM **30x10**

**MAIN TECHNICAL FEATURES:**

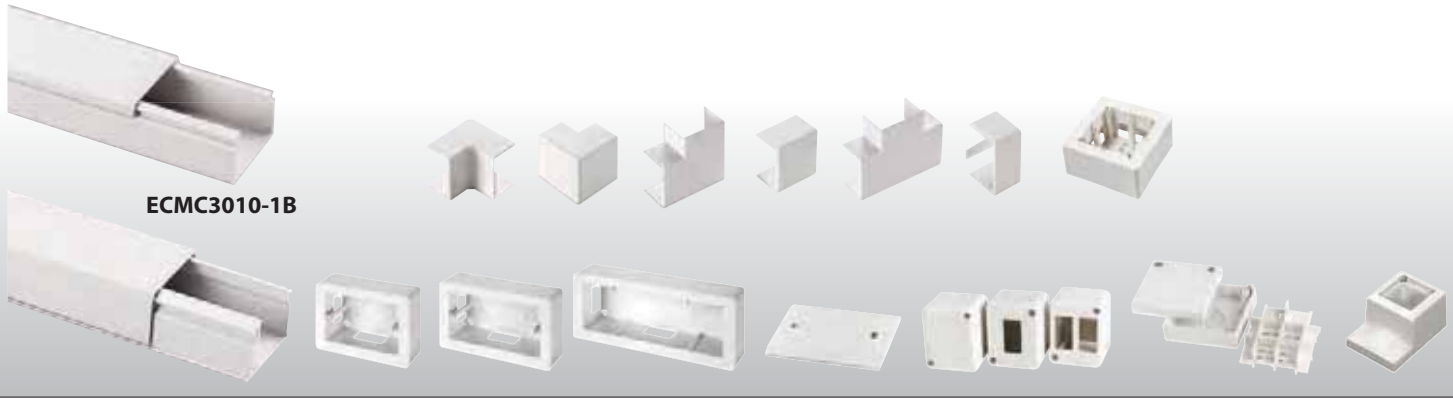
- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

CE

WHITE RAL 9001

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC3010-1B** | Minitrunking with front-hooking cover | 30x10 | 1 | 80 m |
| **ECMC3010B** | Minitrunking with front-hooking cover | 30x10 | 2 | 80 m |
| **ECMC3010AB** | Minitrunking wit wrap-around cover | 30x10 | 2 | 80 m |
| **ECAI3010B** | Internal angle | 30x10 | - | 2/50 pcs |
| **ECAE3010B** | External angle | 30x10 | - | 2/50 pcs |
| **ECAP3010B** | Flat angle | 30x10 | - | 2/50 pcs |
| **ECGU3010B** | Straight joint | 30x10 | - | 2/50 pcs |
| **ECT3010B** | T-joint | 30x10 | - | 2/50 pcs |
| **ECTT3010B** | End cap | 30x10 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSM0** | Blank box | 52x64x46 | - | -/30 pcs |
| **ECSM1** | Box for 1 device type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSM2** | Box for 2 devices type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |
| **ECSPA45B** | French standard device 45x45 mm box | 100x68x51 | - | 1/30 pcs |



**ECMC3010-1B**

**ECMC3010AB**

# MINITRUNKING SYSTEM **40x10**

**MAIN TECHNICAL FEATURES:**

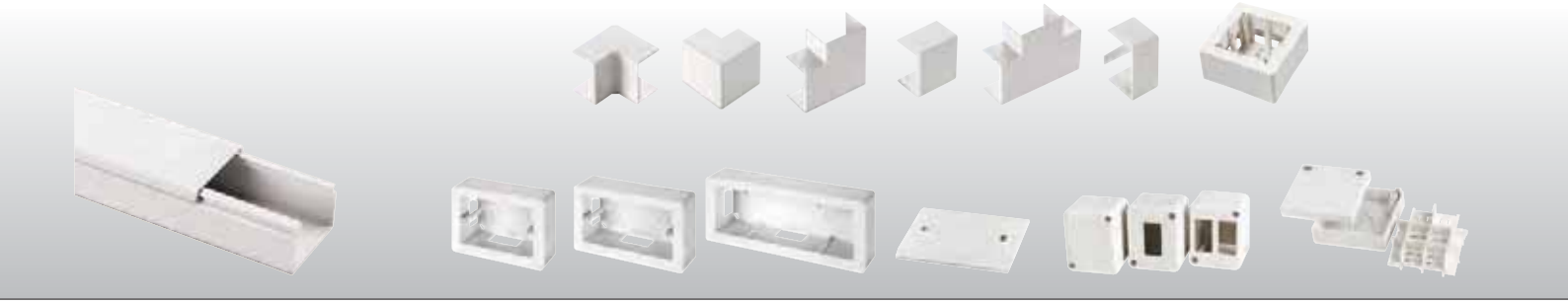
- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

CE

WHITE RAL 9001

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC4010B** | Minitrunking with front-hooking cover | 40x10 | 3 | 60 m |
| **ECAI4010B** | Internal angle | 40x10 | - | 2/50 pcs |
| **ECAE4010B** | External angle | 40x10 | - | 2/50 pcs |
| **ECAP4010B** | Flat angle | 40x10 | - | 2/50 pcs |
| **ECGU4010B** | Straight joint | 40x10 | - | 2/50 pcs |
| **ECT4010B** | T-joint | 40x10 | - | 2/50 pcs |
| **ECTT4010B** | End cap | 40x10 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSM0** | Blank box | 52x64x46 | - | -/30 pcs |
| **ECSM1** | Box for 1 device type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSM2** | Box for 2 devices type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |



**ECMC4010B**

## MINITRUNKING SYSTEM **15x17**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

WHITE RAL 9001

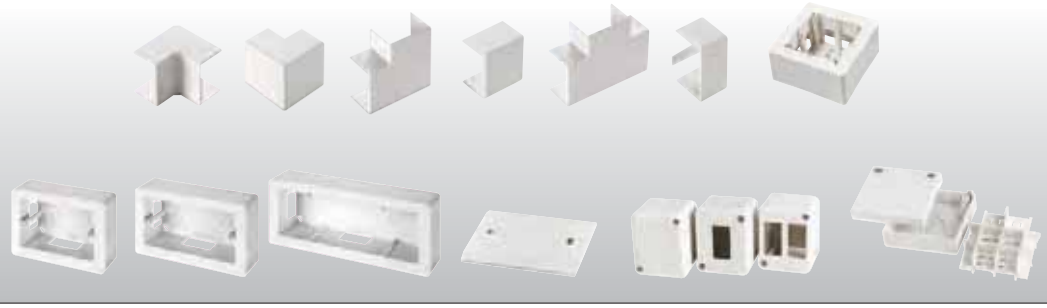
| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC1517B** | Minitrunking with front-hooking cover | 15x17 | 1 | 100 m |
| **ECMC1517AB** | Minitrunking wit wrap-around cover | 15x17 | 1 | 80 m |
| **ECAI1517B** | Internal angle | 15x17 | - | 2/50 pcs |
| **ECAE1517B** | External angle | 15x17 | - | 2/50 pcs |
| **ECAP1517B** | Flat angle | 15x17 | - | 2/50 pcs |
| **ECGU1517B** | Straight joint | 15x17 | - | 2/50 pcs |
| **ECT1517B** | T-joint | 15x17 | - | 2/50 pcs |
| **ECTT1517B** | End Cap | 15x17 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSM0** | Blank box | 52x64x46 | - | -/30 pcs |
| **ECSM1** | Box for 1 device type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSM2** | Box for 2 devices type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |



**ECMC1517B**



**ECMC1517AB**



# MINITRUNKING SYSTEM **25x17**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

WHITE RAL 9001

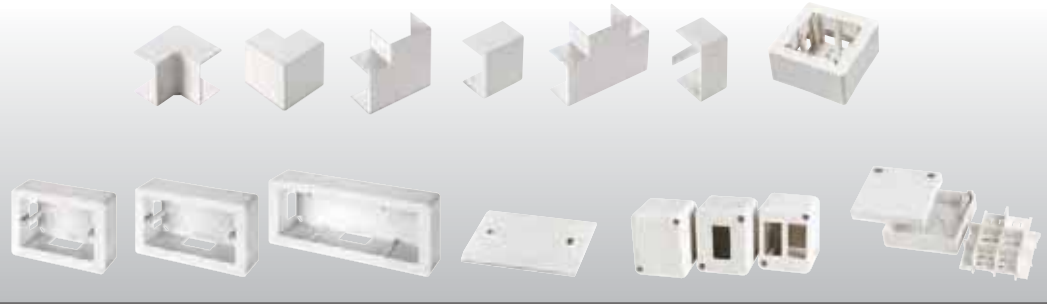
| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC2517B** | Minitrunking with front-hooking cover | 25x17 | 1 | 80 m |
| **ECMC2517AB** | Minitrunking wit wrap-around cover | 25x17 | 1 | 60 m |
| **ECAI2517B** | Internal angle | 25x17 | - | 2/50 pcs |
| **ECAE2517B** | External angle | 25x17 | - | 2/50 pcs |
| **ECAP2517B** | Flat angle | 25x17 | - | 2/50 pcs |
| **ECGU2517B** | Straight joint | 25x17 | - | 2/50 pcs |
| **ECT2517B** | T-joint | 25x17 | - | 2/50 pcs |
| **ECTT2517B** | End Cap | 25x17 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSM0** | Blank box | 52x64x46 | - | -/30 pcs |
| **ECSM1** | Box for 1 device type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSM2** | Box for 2 devices type "Magic" | 52x64x46 | - | -/30 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |



**ECMC2517B**



**ECMC2517AB**



## MINITRUNKING SYSTEM **40x17**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

WHITE RAL 9001

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC4017-1B** | Minitrunking with front-hooking cover | 40x17 | 1 | 50 m |
| **ECMC4017B** | Minitrunking with front-hooking cover | 40x17 | 2 | 50 m |
| **ECMC4017AB** | Minitrunking wit wrap-around cover | 40x17 | 2 | 80 m |
| **ECAI4017B** | Internal angle | 40x17 | - | 2/50 pcs |
| **ECAE4017B** | External angle | 40x17 | - | 2/50 pcs |
| **ECAP4017B** | Flat angle | 40x17 | - | 2/50 pcs |
| **ECGU4017B** | Straight joint | 40x17 | - | 2/50 pcs |
| **ECT4017B** | T-joint | 40x17 | - | 2/50 pcs |
| **ECTT4017B** | End Cap | 40x17 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |



**ECMC4017-1B**



**ECMC4017AB**

# MINITRUNKING SYSTEM **60x17**

**MAIN TECHNICAL FEATURES:**

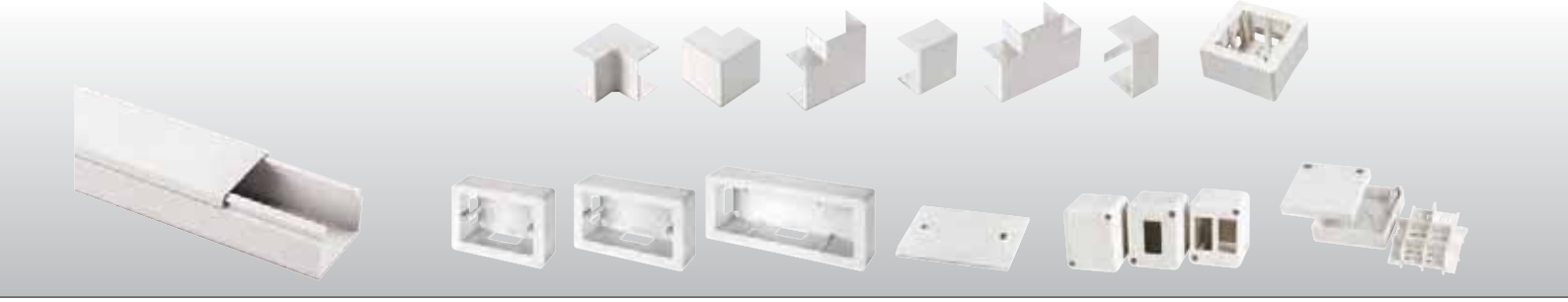
- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

CE

WHITE RAL 9001

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC6017B** | Minitrunking with front-hooking cover | 60x17 | 3 | 70 m |
| **ECAI6017B** | Internal angle | 60x17 | - | 2/50 pcs |
| **ECAE6017B** | External angle | 60x17 | - | 2/50 pcs |
| **ECAP6017B** | Flat angle | 60x17 | - | 2/50 pcs |
| **ECGU6017B** | Straight joint | 60x17 | - | 2/50 pcs |
| **ECT6017B** | T-joint | 60x17 | - | 2/50 pcs |
| **ECTT6017B** | End Cap | 60x17 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSSB1** | Separation and derivation box | 70x70x28 | - | 1/25 pcs |



**ECMC6017B**

# MINITRUNKING SYSTEM **25x25**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

WHITE RAL 9001

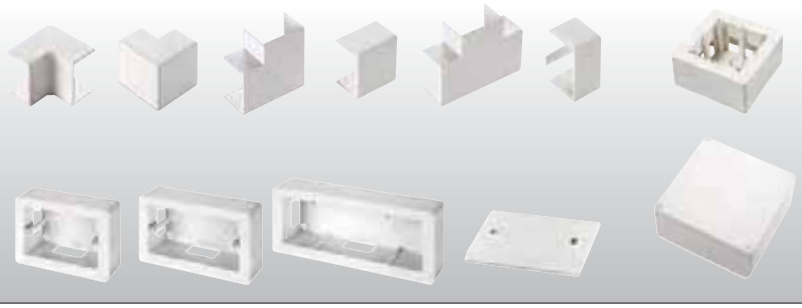
| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC2525B** | Minitrunking with front-hooking cover | 25x25 | 1 | 100 m |
| **ECMC2525AB** | Minitrunking wit wrap-around cover | 25x25 | 1 | 80 m |
| **ECAI2525B** | Internal angle | 25x25 | - | 2/50 pcs |
| **ECAE2525B** | External angle | 25x25 | - | 2/50 pcs |
| **ECAP2525B** | Flat angle | 25x25 | - | 2/50 pcs |
| **ECGU2525B** | Straight joint | 25x25 | - | 2/50 pcs |
| **ECT2525B** | T-joint | 25x25 | - | 2/50 pcs |
| **ECTT2525B** | End Cap | 25x25 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |



**ECMC2525B**



**ECMC2525AB**



# MINITRUNKING SYSTEM **40x25**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Bottom designed for fast fixing by silicone adhesives
- Accessories are set onto the trunking with a simple click.
- Front-hooking cover supplied already mounted on the bottom.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

WHITE RAL 9001

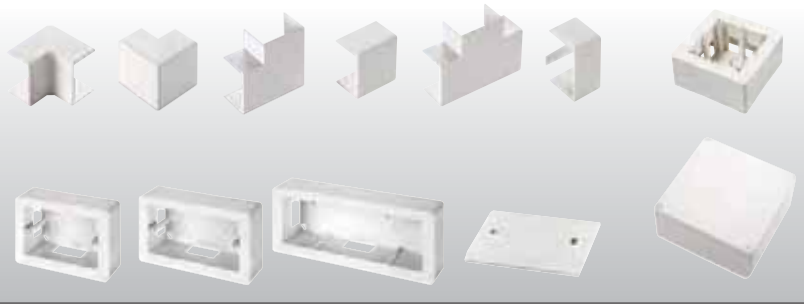
| ITEM | DESCRIPTION | DIMENSIONS W x H mm | COMPARTMENT NR. | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECMC4025B** | Minitrunking with front-hooking cover | 40x25 | 1 | 80 m |
| **ECMC4025AB** | Minitrunking wit wrap-around cover | 40x25 | 1 | 60 m |
| **ECAI4025B** | Internal angle | 40x25 | - | 2/50 pcs |
| **ECAE4025B** | External angle | 40x25 | - | 2/50 pcs |
| **ECAP4025B** | Flat angle | 40x25 | - | 2/50 pcs |
| **ECGU4025B** | Straight joint | 40x25 | - | 2/50 pcs |
| **ECT4025B** | T-joint | 40x25 | - | 2/50 pcs |
| **ECTT4025B** | End Cap | 40x25 | - | 2/50 pcs |
| **ECSPA60B** | Device box hole center distance 60/67 mm | 97x87x73 | - | 1/25 pcs |
| **ECSPA70B** | Box for 3 Italian standard device h.c. 83,5 mm | 130x90x45,5 | - | 1/50 pcs |
| **ECSPA80B** | Box for 4 Italian standard device h.c. 108,5 mm | 151x90x46 | - | 1/35 pcs |
| **ECSPA90B** | Box for 6 Italian standard device h.c. 100 mm | 218x94x46 | - | 1/24 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |



**ECMC4025B**



**ECMC4025AB**



# FLOOR CABLE TRUNKINGS **SERIES CAP**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Resistance to mechanical shocks: 6J.
- Three separate compartment for different circuits.
- Perforated bottom for fixing by screws or plugs.
- Wrap-around cover supplied already mounted on the bottom, it can be removed only by a proper tool.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- Resistant to being walked, flow rate 0.4 Kg / $cm^2$.
- **Colour code: B= White, G= Grey, A= Slate Grey.**

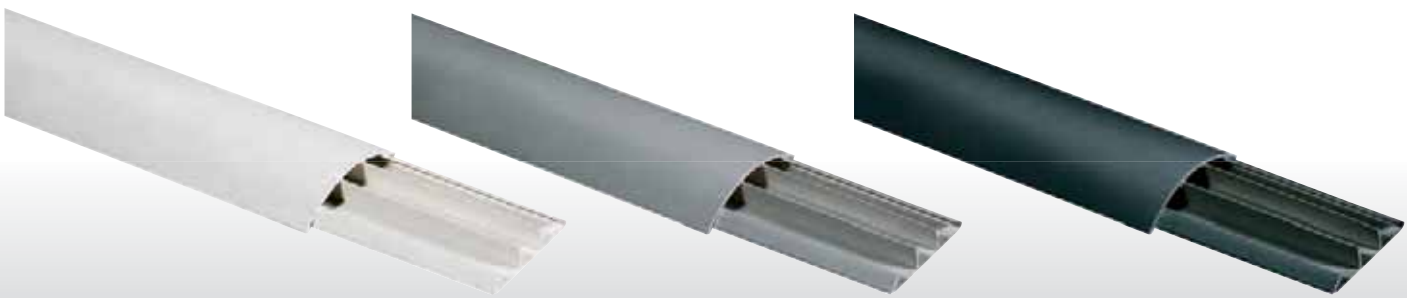
WHITE RAL 9001

GREY RAL 7030

SLATE GREY RAL 7021

## Floor cable trunking

| ITEM | EXTERNAL DIMENSIONS W x H mm | COMPARTMENT NR. | SECTION AREA $mm^2$ | PACKAGING m |
|---|---|---|---|---|
| **ECCAP7517B** | 75x17 | 3 | 516 | 50 |
| **ECCAP7517G** | 75x17 | 3 | 516 | 50 |
| **ECCAP7517A** | 75x17 | 3 | 516 | 50 |
| **ECCAP5012B** | 50x12 | 3 | 192 | 50 |
| **ECCAP5012G** | 50x12 | 3 | 192 | 50 |



**ECCAP7517B** **ECCAP7517G** **ECCAP7517A**

# DOUBLE -SIDED MODULAR FLOOR BOXES **SERIES 160**

**MAIN TECHNICAL FEATURES:**

- Made of shockproof technopolymer.
- Protection degree between floor and box.
- It can be installed on concrete or floating floors.
- Cap inclided for singles-sided use.
- Product complying with the Standards CEI 64-8 and EN 50085-1, EN 50085-2-4.
- Prepared for fitting with floor cable trunkings 75x17 and 50x12 mm.
- Prepared for 2 + 2 devices with 60 mm centre hole.



new!

CE

GREY RAL 7030

SLATE GREY RAL 7021

## Double-sided modular floor boxes

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | COLOUR | TYPE | DEVICE NR. | HOLE CENTRE DISTANCE mm | PROTECTION DEGREE IP | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC16001** | 208x149x150 | GREY | Double-sided | 4 (2x2) | 60+60 | 54 | 1/10 |
| **EC16002** | 208x149x150 | SLATE GREY | Double-sided | 4 (2x2) | 60+60 | 54 | 1/10 |

## Horizontal and vertical expansions

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | COLOUR | TYPE | DEVICE NR. | HOLE CENTRE DISTANCE mm | PROTECTION DEGREE IP | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC16001H** | 208x149x150 | GREY | Horizontal | 4 (2x2) | 60+60 | 54 | 1/10 |
| **EC16002H** | 208x149x150 | SLATE GREY | Horizontal | 4 (2x2) | 60+60 | 54 | 1/10 |
| **EC16001V** | 208x149x150 | GREY | Vertical | 4 (2x2) | 60+60 | 54 | 1/10 |
| **EC16002V** | 208x149x150 | SLATE GREY | Vertical | 4 (2x2) | 60+60 | 54 | 1/10 |





**EC16002 + EC16002H**

**EC16002 + EC16002H + EC16002V + EC16002V**



# WALL MOUNTNG WHITE MODULAR ENCLOSURES **SERIES 600**

**MAIN TECHNICAL FEATURES:**

- Reversible door made of smoky grey polycarbonate.
- Suitable for housing the brass terminals.
- Suitable for plumbing of the cover.
- Galvanized steel DIN rail already mounted.
- Lid for unused modules.
- Self-adhesive label to identify the different circuit.
- Screw caps for double insulation.

**IP40**

WHITE RAL 9001

## To be used in combination with the minitrunkings

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NR. (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC60004B** | 150x170x100 | 4 | 22 | 1/22 |
| **EC60008B** | 200x180x100 | 8 | 14 | 1/15 |
| **EC60012B** | 280x220x100 | 12 | 21 | 1/8 |
| **EC60018B** | 400x265x130 | 18 | 24 | -/1 |
| **EC60024B** | 280x350x100 | 24 (2x12) | 30 | -/1 |
| **EC60036B** | 400x400x130 | 36 (2x18) | 47 | -/1 |
| **EC60054B** | 400x600x130 | 54 (3x18) | 72 | -/1 |
| **EC60072B** | 420x885x150 | 72 (4x18) | 85 | -/1 |

**Available with solid white door on request**

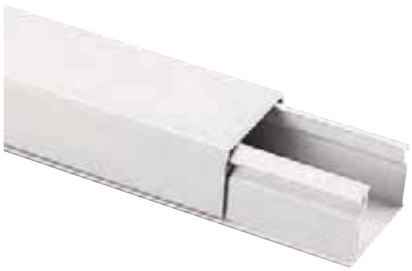


**EC60004B** **EC60008B** **EC60012B** **EC60018B** **EC60024B** **EC60036B** **EC60054B** **EC60072B**

# INSTALLATION INSTRUCTIONS FOR THE MINITRUNKING SYSTEMS



**SERIES MC**



**SERIES MCA**



**SERIES MA**

To install the minitrunkings or the cable trunkings on walls or ceilings, or in any case on non-conducting surfaces, it is strongly recommended using expanding plugs (our item TC), minimum diameter 4mm and maximum diameter 6mm with their screws, or steel nails, minimum 30cm and maximum 70cm one from the other.
Always fix the trunking close to the accessories.
To anchor the trunking to metallic walls not connected to the earthing circuit or in any case to conducting surfaces, it is suggested employing a silicone adhesive or a common mastic, easy to find on the market; taking into account that the indications for use must be carefully followed.

For not particularly hard uses it is suggested to install the trunkings by a double-sided adhesive tape, so that the installation turns out to be easier and quicker. Before proceeding please verify the holding of the adhesive tape on a test sample, which must be smooth and clean.
To cut the trunking and its cover please use a fine toothed hacksaw.
To change direction please use our accessories with the same dimension as the trunking, as indicated in our catalogue and according to the indications of the reference Standards EN50085-1, EN50085-2-1.



**Internal angle**



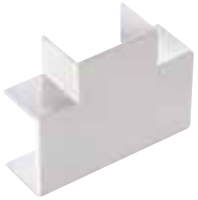
**External angle**



**Flat angle**



**Straight joint**



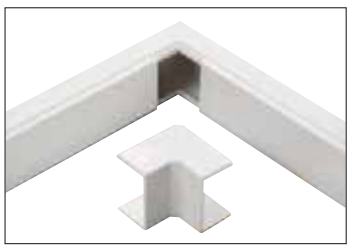
**T joint**



**End cap**

Once the trunking has been fixed to the wall, the separators, the junction and/or device boxes have been installed and the wiring has been done, the cover can be mounted on the bottom with a simple click; if necessary cut the lid in order hook the accessories (placed as indicated below) on to the trunking.

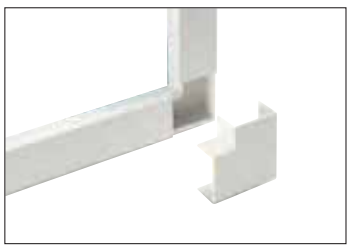
In order to gain the correct protection degree IP, the accessories must be fixed to the trunking by securing the tang of the end cap to the trunking through the passing screw and by sticking the accessories for the change of direction to the trunking bottom with a silicon mastic.



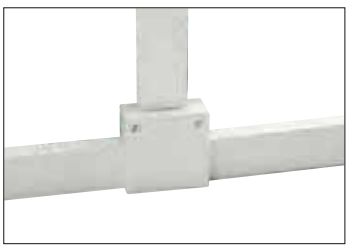
**Internal angle**



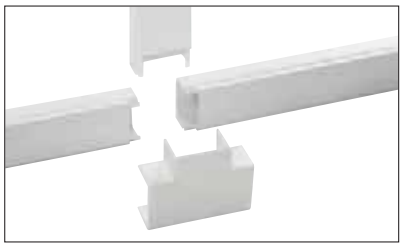
**External angle**



**Flat angle**



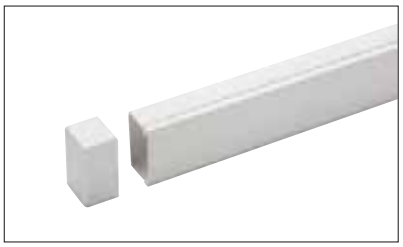
**Separation box for minitrunkings with separators**



**T-joint**

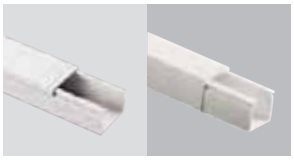


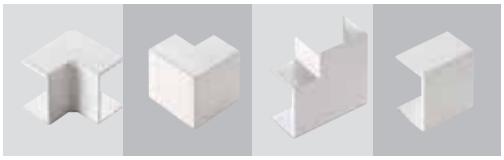
**Straight joint**



**End cap**

## CHOICE TABLES FOR MINITRUNKING SYSTEMS





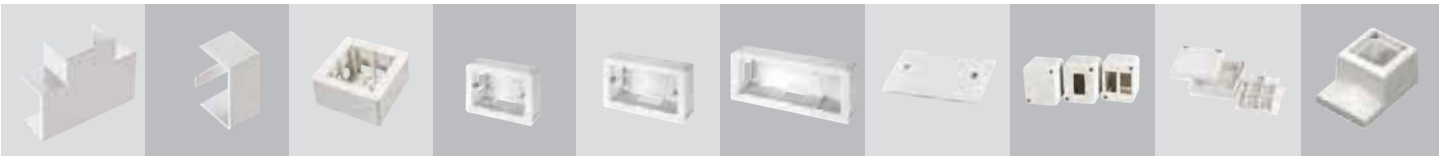
| | ITEM | | | | | | | ITEM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DIMENSIONS WxH mm | FRONT-HOOKING COVER | WRAP-AROUND COVER | COMPARTMEN NR. | TYPE | SECTION mm² | PACKAGING m | INTERNAL ANGLE | EXTERNAL ANGLE | FLAT ANGLE | STRAIGHT JOINT |
| 20x10 | ECMC2010B | ECMC2010AB | 1 | | 126 | 100 | ECAI2010B | ECAE2010B | ECAP2010B | ECGU2010B |
| 22x10 | ECMC2210-1B | - | 1 | | 128 | 100 | ECAI2210B | ECAE2210B | ECAP2210B | ECGU2210B |
| 22x10 | ECMC2210B | - | 2 | | 126 | 100 | ECAI2210B | ECAE2210B | ECAP2210B | ECGU2210B |
| 30x10 | ECMC3010-1B | - | 1 | | 174 | 80 | ECAI3010B | ECAE3010B | ECAP3010B | ECGU3010B |
| 30x10 | ECMC3010B | ECMC3010AB | 2 | | 172 | 80 | ECAI3010B | ECAE3010B | ECAP3010B | ECGU3010B |
| 40x10 | ECMC4010B | - | 3 | | 220 | 60 | ECAI4010B | ECAE4010B | ECAP4010B | ECGU4010B |
| 15x17 | ECMC1517B | ECMC1517AB | 1 | | 168 | 100-80 | ECAI1517B | ECAE1517B | ECAP1517B | ECGU1517B |
| 25x17 | ECMC2517B | ECMC2517AB | 1 | | 249 | 80-60 | ECAI2517B | ECAE2517B | ECAP2517B | ECGU2517B |
| 40x17 | ECMC4017-1B | - | 1 | | 418 | 50 | ECAI4017B | ECAE4017B | ECAP4017B | ECGU4017B |
| 40x17 | ECMC4017B | ECMC4017AB | 2 | | 416 | 50-80 | ECAI4017B | ECAE4017B | ECAP4017B | ECGU4017B |
| 60x17 | ECMC6017B | - | 3 | | 685 | 70 | ECAI6017B | ECAE6017B | ECAP6017B | ECGU6017B |
| 50x20 | ECMC5020B | - | 1 | | 625 | 60 | - | - | - | - |
| 50x20 | ECMC5020-1B | - | 2 | | 620 | 60 | - | - | - | - |
| 50x20 | ECMC5020-2B | - | 3 | | 615 | 60 | - | - | - | - |
| 25x25 | ECMC2525B | MC2525AB | 1 | | 480 | 100-80 | ECAI2525B | ECAE2525B | ECAP2525B | ECGU2525B |
| 40x25 | ECMC4025B | MC4025AB | 1 | | 752 | 80-60 | ECAI4025B | ECAE4025B | ECAP4025B | ECGU4025B |

## CHOICE TABLES FOR WALL MOUNTING MODULAR ENCLOSURE **SERIES 600**

(for further information see page249)



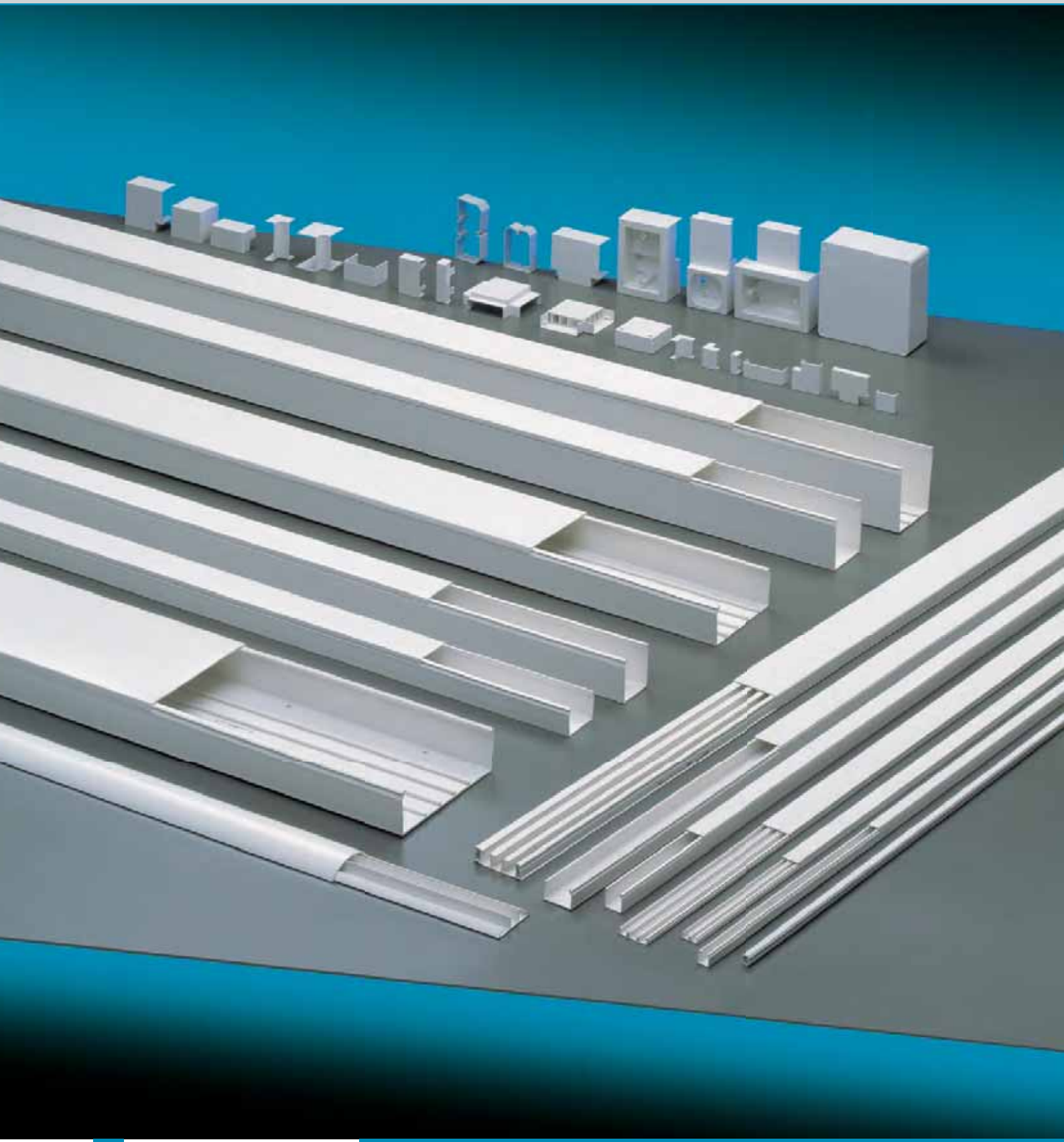
| ITEM | EC60004B | EC60008B | EC60012B | EC60018B | EC60024B | EC60036B | EC60054B | EC60072B |
|---|---|---|---|---|---|---|---|---|
| EXTERNAL DIM. W x H x D mm | 150x70x100 | 200x180x100 | 280x220x100 | 400x265x130 | 280x350x100 | 400x400x130 | 400x600x130 | 420x885x150 |



| ITEM | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| T-JOINT | END CAP | DEVICE BOX **60/67 mm** | **3** DEVICE BOX | 4 DEVICE BOX | 6 DEVICE BOX | BLANK COVER | SELF-SUPPORTING BOXES | SEPARATION BOX | DEVICE BOX **45x45** |
| ECT2010B | ECTT2010B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | ECSM0/1/2 | ECSSB1 | - |
| ECT2210B | ECTT2210B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | ECSM0/1/2 | ECSSB1 | ECSPA45B |
| ECT2210B | ECTT2210B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | ECSM0/1/2 | ECSSB1 | ECSPA45B |
| ECT3010B | ECTT3010B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | ECSM0/1/2 | ECSSB1 | ECSPA45B |
| ECT3010B | ECTT3010B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | ECSM0/1/2 | ECSSB1 | ECSPA45B |
| ECT4010B | ECTT4010B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | ECSM0/1/2 | ECSSB1 | - |
| ECT1517B | ECTT1517B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | ECSM0/1/2 | ECSSB1 | - |
| ECT2517B | ECTT2517B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | ECSM0/1/2 | ECSSB1 | - |
| ECT4017B | ECTT4017B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | - | ECSSB1 | - |
| ECT4017B | ECTT4017B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | - | ECSSB1 | - |
| ECT6017B | ECTT6017B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | - | ECSSB1 | - |
| - | - | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | - | ECSSB2 | - |
| - | - | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | - | ECSSB2 | - |
| - | - | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | - | ECSSB2 | - |
| ECT2525B | ECTT2525B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | - | ECSSB2 | - |
| ECT4025B | ECTT4025B | ECSPA60B | ECSPA70B | ECSPA80B | ECSPA90B | ECCPB | - | ECSSB2 | - |

The minitrunkings are supplied in the standard length of 2 mt ± 5 mm.

# CABLE TRUNKINGS SYSTEMS



3

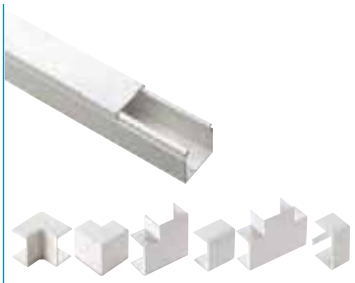
## MAIN TECHNICAL FEATURES

Material: technopolymer on rigid PVC base, self-extinguishing V0 (UL94) and high resistant to UV rays.
Standard colours: white RAL 9001 and grey RAL 7030.
System protection degree: IP40 (trunking + accessories).
Resistance to mechanical shocks:IK 07 (shocks up to 2J).
Resistance to heat in continuous use: up to +70° C.
Resistance to abnormal heat: up to 650° C (Glow Wire Test, Reference Standard IEC 60695-2-11).
Insulation resistance: > 100MΩ.
Dielectric voltage > 3.000 V.
Installation temperature range: minimum –5° C, maximum +60° C.
Standard length: 2 mt bars.
Reference standards: EN 50085-1, EN 50085-2-1.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



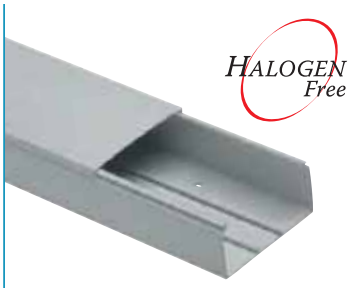
Cable trunkings Series CP
Trunkings, separators, cable retainers

page 64



Cable trunking systems device installation trunking systems Series CP
Trunkings and accessories

page 68



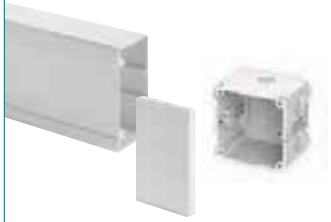

Halogen free cable trunkings Series CPH

page 83



Device installation trunking system Series KUADRA for standard devices 45x45mm

page 84



Device installation trunking system Series BR for standard devices 60x60mm

page 87



Cable trunkings Series CP
DIN dimensions pitch 12,5mm

page 88



Wall mounting modular enclosure IP40 white RAL 9001 with transparent door
Series 600 page 89

# MAIN TECHNICAL FEATURES

Front-hooking cover without sharp edges, functional modern design



Perforated bottom for a quicker and more precise installation

Accessories for change of direction for any installation need



The cable trunkings can have 2, 3, 4 or 5 internal compartments for any distribution need

Cable retainers for a neat installation as well as a ceiling installation



The boxes for different divices and indutrial sockets can serve as derivation boxes if closed with their cover

The separator has pre-cutting lines permitting to adjust it to the different trunking heights



Fully made of self-extinguishing technopolymer on PVC base and available in white RAL 9001 and in grey RAL 7030, the cable and device trunkings can be installed on the wall, on the ceiling and, thanks to proper support brackets, as gangway.
Starting from the dimension 80x40 one or more sectionable separators can be put into the bottom to obtain up to 4 different compartments, perfectly divided to permit to put, in the same trunking, the wires of different electric circuits: power, phone, data transmission and other, without any risk of interferences or inappropriate overlapping, according to the Standard CEI 64-8.
The derivation boxes has an appropriate grid allowing to keep the cables divided. The device boxes, equipped with a blank cover, can be also used as further junction boxes.
The several accessories for the change of direction, the derivation boxes and the device boxes allow to put together a complete and functional distribution system.
The cable trunkings CP can be combined with skirting board and wall trunking system and the minitrunking system, as well as the modular enclosures manufactured in the same colour as the trunkings, in order to fulfill the installation and renovation needs with a compact elegant functional system.

# mounting examples







# CABLE TRUNKINGS **SERIES CP**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey**

CE

WHITE RAL 9001

GREY RAL 7030

**IP40**

| ITEM | EXTERNAL DIMENSIONS W x H mm | READY FOR SEPARATOR | SECTION AREA $mm^2$ | PAKAGING m |
|---|---|---|---|---|
| **ECCP2540B** | 25x40 | NO | 760 | 100 |
| **ECCP2560B** | 25x60 | NO | 1100 | 70 |
| **ECCP2580B** | 25x80 | NO | 1520 | 56 |
| **ECCP4040B** | 40x40 | NO | 1214 | 70 |
| **ECCP4060B** | 40x60 | NO | 1950 | 56 |
| **ECCP4080B** | 40x80 | NO | 2530 | 40 |
| **ECCP40100B** | 40x100 | NO | 3110 | 32 |
| **ECCP5050B** | 50x50 | NO | 2076 | 24 |
| **ECCP6040B** | 60x40 | NO | 1930 | 50 |
| **ECCP6060B** | 60x60 | NO | 3046 | 32 |
| **ECCP6080B** | 60x80 | NO | 4215 | 36 |
| **ECCP60100B** | 60x100 | NO | 5332 | 24 |



# CABLE TRUNKINGS **SERIES CP**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey**

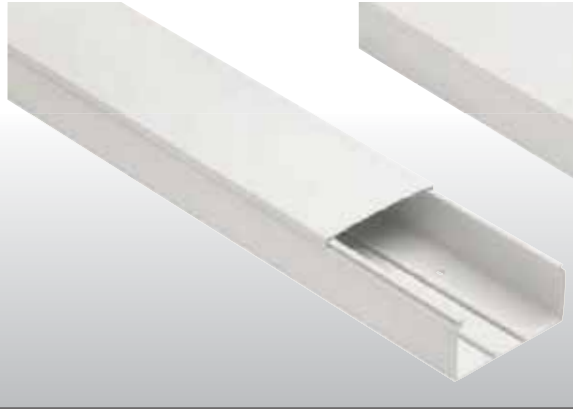
CE

WHITE RAL 9001

GREY RAL 7030

**IP40**

| ITEM | EXTERNAL DIMENSIONS W x H mm | READY FOR SEPARATOR | SECTION AREA mm² | PAKAGING m |
|---|---|---|---|---|
| **ECCP7550B** | 75x50 | YES (2) | 3125 | 40 |
| **ECCP8040B** | 80x40 | YES (2) | 2530 | 40 |
| **ECCP8060B** | 80x60 | YES (2) | 4202 | 28 |
| **ECCP8080B** | 80x80 | YES (2) | 5620 | 30 |
| **ECCP80100B** | 80x100 | YES (2) | 7064 | 24 |
| **ECCP10040B** | 100x40 | YES (2) | 3316 | 28 |
| **ECCP10060B** | 100x60 | YES (2) | 5236 | 20 |
| **ECCP10080B** | 100x80 | YES (2) | 7156 | 24 |
| **ECCP100100B** | 100x100 | YES (2) | 8980 | 16 |
| **ECCP12040B** | 120x40 | YES (2) | 4040 | 24 |
| **ECCP12060B** | 120x60 | YES (2) | 6340 | 20 |
| **ECCP12080B** | 120x80 | YES (2) | 8640 | 16 |
| **ECCP15060B** | 150x60 | YES (4) | 7738 | 16 |
| **ECCP20060B** | 200x60 | YES (4) | 10278 | 16 |
| **ECCP20080B** | 200x80 | YES (4) | 14278 | 12 |
| **ECSESB** | 40/60/80 | SECTIONABLE SEPARATORS | - | 50 |









## CABLE RETAINER **SERIES CO** - SPARE COVER

**MAIN TECHNICAL FEATURES CABLE RETAINERS:**

- Made of rigid nylon.
- Prevent the cables from falling off during the installation.
- Can be fixed to the trunking by screws.
- Cable retaining bars can be installed with a simple click.
- Can be used both in the cable trunkings and in the slotted trunkings.
- Cable retaining pieces and brass are recommended if the trunking is installed on the wall or on the ceiling.
- Packed in strong cardboard boxes suitable for transport and storage.

CE

GREY RAL 7035

## Cable retainer series CO

| ITEM | TRUNKING DIMENSIONS mm | DESCRIPTION | PACKAGING PIECES |
|---|---|---|---|
| **ECCO4040** | 40x40 | CABLE RETAINER | 5/25 |
| **ECCO4060** | 40x60 | CABLE RETAINER | 5/25 |
| **ECCO4080** | 40x80 | CABLE RETAINER | 5/25 |
| **ECCO40100** | 40x100 | CABLE RETAINER | 5/25 |
| **ECCO6040** | 60x40 | CABLE RETAINER | 5/25 |
| **ECCO6060** | 60x60 | CABLE RETAINER | 5/25 |
| **ECCO6080** | 60x80 | CABLE RETAINER | 5/25 |
| **ECCO60100** | 60x100 | CABLE RETAINER | 5/25 |
| **ECCO8040** | 80x40 | CABLE RETAINER | 5/25 |
| **ECCO8060** | 80x60 | CABLE RETAINER | 5/25 |
| **ECCO8080** | 80x80 | CABLE RETAINER | 5/25 |
| **ECCO80100** | 80x100 | CABLE RETAINER | 5/25 |
| **ECCO10040** | 100x40 | CABLE RETAINER | 5/25 |
| **ECCO10060** | 100x60 | CABLE RETAINER | 5/25 |
| **ECCO10080** | 100x80 | CABLE RETAINER | 5/25 |
| **ECCO100100** | 100x100 | CABLE RETAINER | 5/25 |
| **ECCO12040** | 120x40 | CABLE RETAINER | 5/25 |
| **ECCO12060** | 120x60 | CABLE RETAINER | 5/25 |
| **ECCO12080** | 120x80 | CABLE RETAINER | 5/25 |
| **ECCO150** | 150x60 | CABLE RETAINER BAR | 5/25 |
| **ECCO200** | 200x60/80 | CABLE RETAINER BAR | 5/25 |

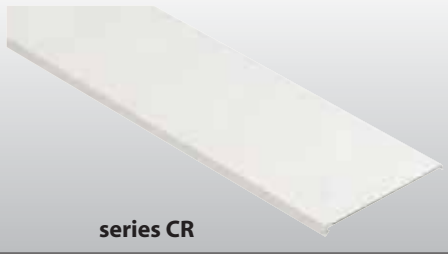
## Spare cover for cable trunkings - colour white RAL 9001

WHITE RAL 9001

| ITEM | EXTERNAL DIMENSIONS mm | PACKAGING m |
|---|---|---|
| **ECCR25B** | for trunkings W = 25 mm | 100 |
| **ECCR40B** | for trunkings W = 40 mm | 100 |
| **ECCR60B** | for trunkings W = 60 mm | 100 |
| **ECCR80B** | for trunkings W = 80 mm | 100 |
| **ECCR100B** | for trunkings W = 100 mm | 60 |
| **ECCR120B** | for trunkings W = 120 mm | 80 |
| **ECCR150B** | for trunkings W = 150 mm | 60 |
| **ECCR200B** | for trunkings W = 200 mm | 40 |



**series CO**



**series CR**

# COMPONENTS OF CABLE TRUNKING SYSTEMS

The cable trunking systems are composed of the trunking and accessories for the change of direction, the joining and the derivation, that, if correctly assembled and installed, form a system with protection degree IP40.

The accessories for the change of direction are set directly on the trunking with a click.

CABLE TRUNKING WITH COVER
*MADE OF SELF-EXTINGUISHING TECHNOPOLYMER*



90° INTERNAL ANGLE FOR CHANGE OF DIRECTION



90° EXTERNAL ANGLE FOR CHANGE OF DIRECTION



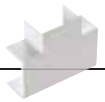
90° FLAT ANGLE FOR CHANGE OF DIRECTION



STRAIGHT JOINT TO LINK 2 TRUNKING TRACKS



T JOINT FOR DERIVATIONS ON THE SAME LEVEL



END CAP TO CLOSE STRAIGHT TRUNKING TRACKS



KIT ADAPTOR BOX HOLE CENTRE DISTANCE 60/67 mm
*TO INSTALL DEVICES FROM DIFFERENT STANDARDS OR SCHUKO SOCKETS THANKS TO THE DIFFERENT HOUSINGS FOR 60 mm HIGH TRUNKINGS*



INSTALLATION KIT FOR DEVICES HOLE CENTRE DISTANCE 83,5mm
*UP TO 3 ITALIAN STANDARD DEVICES FOR 60 mm HIGH TRUNKINGS*



BLANK COVER FOR BOX HOLE CENTRE DISTANCE 83,5 mm



INSTALLATION KIT FOR INDUSTRIAL SOCKETS
*TO INSTALL INDUSTRIAL SOCKETS IN 60MM HIGH TRUNKINGS*
*SUITABLE FOR SOCKETS 16A, ADAPTABLE FOR 32A*



SEPARATION BOX FOR TRUNKINGS WITH SEVERAL COMPARTMENTS
*TO SEPARATE THE DIFFERENT ELECTRICAL CIRCUITS AND TO MAKE DERIVATIONS*



# CABLE TRUNKING SYSTEMS **40x40**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

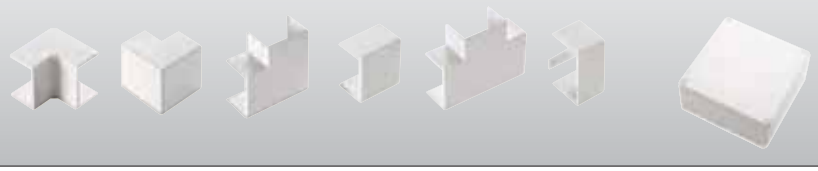
WHITE RAL 9001

**IP40**

GREY RAL 7030

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP4040B** | Cable trunking and cover | 40x40 | NO | 70 m |
| **ECAI4040B** | Internal angle | 40x40 | - | 2/50 pcs |
| **ECAE4040B** | External angle | 40x40 | - | 2/50 pcs |
| **ECAP4040B** | Flat angle | 40x40 | - | 2/50 pcs |
| **ECGU4040B** | Straight joint | 40x40 | - | 2/50 pcs |
| **ECT4040B** | T-joint | 40x40 | - | 2/50 pcs |
| **ECTT4040B** | End cap | 40x40 | - | 2/50 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |





# CABLE TRUNKING SYSTEMS **60x40**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

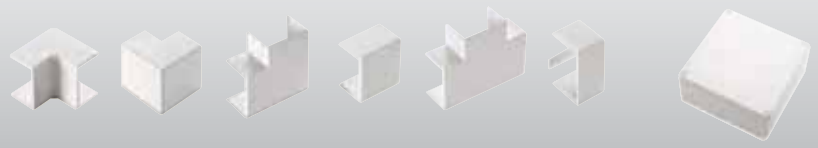
WHITE RAL 9001

GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP6040B** | Cable trunking and cover | 60x40 | NO | 50 m |
| **ECAI6040B** | Internal angle | 60x40 | - | 2/50 pcs |
| **ECAE6040B** | External angle | 60x40 | - | 2/50 pcs |
| **ECAP6040B** | Flat angle | 60x40 | - | 2/50 pcs |
| **ECGU6040B** | Straight joint | 60x40 | - | 2/50 pcs |
| **ECT6040B** | T-joint | 60x40 | - | 2/50 pcs |
| **ECTT6040B** | End cap | 60x40 | - | 2/50 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |





# CABLE TRUNKING SYSTEMS **60x60**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- Colour code: B = white, G = grey.

CE

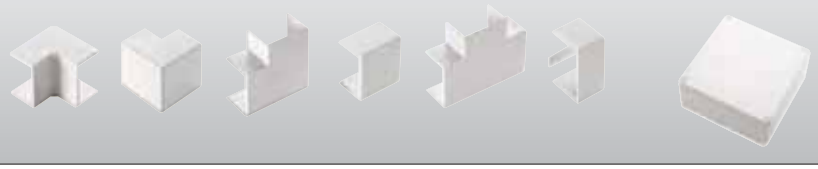
WHITE RAL 9001

**IP40**

GREY RAL 7030

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP6060B** | Cable trunking and cover | 60x60 | NO | 32 m |
| **ECAI6060B** | Internal angle | 60x60 | - | -/10 pcs |
| **ECAE6060B** | External angle | 60x60 | - | -/10 pcs |
| **ECAP6060B** | Flat angle | 60x60 | - | -/10 pcs |
| **ECGU6060B** | Straight joint | 60x60 | - | -/20 pcs |
| **ECT6060B** | T-joint | 60x60 | - | -/10 pcs |
| **ECTT6060B** | End cap | 60x60 | - | -/20 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |





# CABLE TRUNKING SYSTEMS **80x40**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

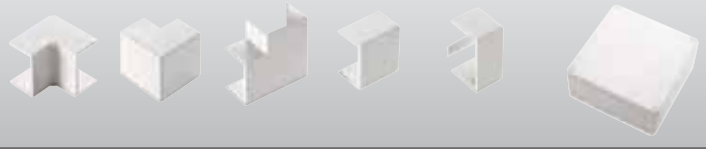
GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP8040B** | Cable trunking and cover | 80x40 | YES (2) | 40 m |
| **ECAI8040B** | Internal angle | 80x40 | - | -/10 pcs |
| **ECAE8040B** | External angle | 80x40 | - | -/10 pcs |
| **ECAP8040B** | Flat angle | 80x40 | - | -/10 pcs |
| **ECGU8040B** | Straight joint | 80x40 | - | -/20 pcs |
| **ECTT8040B** | End cap | 80x40 | - | -/20 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |

**T-joint is obtained by straight joint "GU"**





# CABLE TRUNKING AND DEVICES INSTALLATION SYSTEMS **80x60**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

GREY RAL 7030

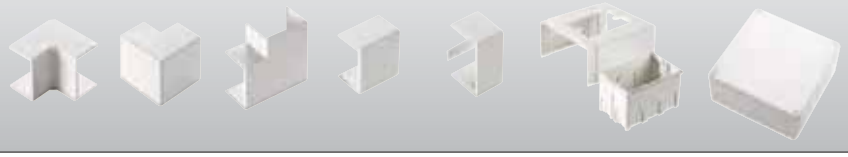
**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP8060B** | Cable trunking and cover | 80x60 | YES (2) | 28 m |
| **ECAI8060B** | Internal angle | 80x60 | - | -/10 pcs |
| **ECAE8060B** | External angle | 80x60 | - | -/10 pcs |
| **ECAP8060B** | Flat angle | 80x60 | - | -/10 pcs |
| **ECGU8060B** | Straight joint | 80x60 | - | -/20 pcs |
| **ECTT8060B** | End cap | 80x60 | - | -/20 pcs |
| **ECKIT80B** | Installation kit for 3 Italian devices - 83,5 mm | 80x60 | - | 1/10 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |

**T-joint is obtained by straight joint "GU"**







# CABLE TRUNKING SYSTEMS **80x80**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

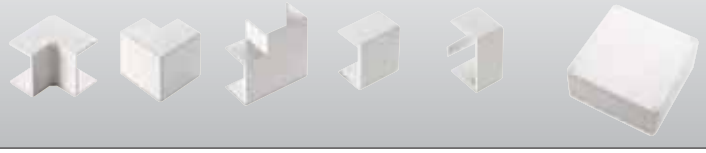
GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP8080B** | Cable trunking and cover | 80x80 | YES (2) | 30 m |
| **ECAI8080B** | Internal angle | 80x80 | - | -/10 pcs |
| **ECAE8080B** | External angle | 80x80 | - | -/10 pcs |
| **ECAP8080B** | Flat angle | 80x80 | - | -/10 pcs |
| **ECGU8080B** | Straight joint | 80x80 | - | -/20 pcs |
| **ECTT8080B** | End cap | 80x80 | - | -/20 pcs |
| **ECSSB3** | Separation and derivation box | 250x250x100 | - | 1/4 pcs |

**T-joint is obtained by straight joint "GU"**





# CABLE TRUNKING SYSTEMS **100x40**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

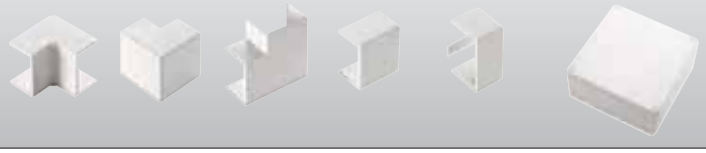
GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP10040B** | Cable trunking and cover | 100x40 | YES (2) | 28 m |
| **ECAI10040B** | Internal angle | 100x40 | - | -/10 pcs |
| **ECAE10040B** | External angle | 100x40 | - | -/10 pcs |
| **ECAP10040B** | Flat angle | 100x40 | - | -/10 pcs |
| **ECGU10040B** | Straight joint | 100x40 | - | -/20 pcs |
| **ECTT10040B** | End cap | 100x40 | - | -/20 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |

**T-joint is obtained by straight joint "GU"**





# CABLE TRUNKING AND DEVICES INSTALLATION SYSTEMS **100x60**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP10060B** | Cable trunking and cover | 100x60 | YES (2) | 20 m |
| **ECAI10060B** | Internal angle | 100x60 | - | -/10 pcs |
| **ECAE10060B** | External angle | 100x60 | - | -/10 pcs |
| **ECAP10060B** | Flat angle | 100x60 | - | -/10 pcs |
| **ECGU10060B** | Straight joint | 100x60 | - | -/20 pcs |
| **ECTT10060B** | End cap | 100x60 | - | -/20 pcs |
| **ECKIT100A** | Kit adaptor box hole center distance 60/67 mm | 100x60 | - | 1/10 pcs |
| **ECKIT100B** | Installation kit for 3 Italian devices - 83,5 mm | 100x60 | - | 1/10 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECKIT100C** | Kit for industrial sockets | 100x60 | - | 1/10 pcs |
| **ECSSB2** | Suitable for sockets 16A, adaptable for 32A<br>Separation and derivation box | 165x165x75 | - | 1/5 pcs |

**T-joint is obtained by straight joint "GU"**







# CABLE TRUNKING SYSTEMS **100x80**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

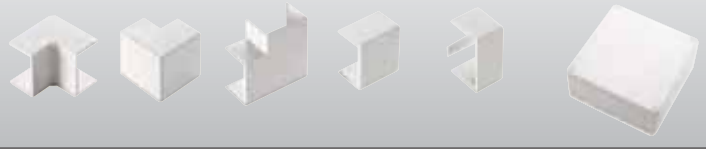
**IP40**

GREY RAL 7030

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP10080B** | Cable trunking and cover | 100x80 | YES (2) | 24 m |
| **ECAI10080B** | Internal angle | 100x80 | - | -/10 pcs |
| **ECAE10080B** | External angle | 100x80 | - | -/10 pcs |
| **ECAP10080B** | Flat angle | 100x80 | - | -/10 pcs |
| **ECGU10080B** | Straight joint | 100x80 | - | -/20 pcs |
| **ECTT10080B** | End cap | 100x80 | - | -/20 pcs |
| **ECSSB3** | Separation and derivation box | 250x250x100 | - | 1/4 pcs |

**T-joint is obtained by straight joint "GU"**





# CABLE TRUNKING SYSTEMS **120x40**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

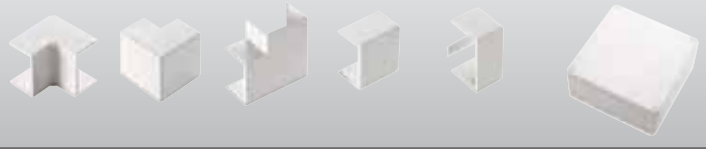
GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP12040B** | Cable trunking and cover | 120x40 | YES (2) | 24 m |
| **ECAI12040B** | Internal angle | 120x40 | - | -/10 pcs |
| **ECAE12040B** | External angle | 120x40 | - | -/10 pcs |
| **ECAP12040B** | Flat angle | 120x40 | - | -/10 pcs |
| **ECGU12040B** | Straight joint | 120x40 | - | -/20 pcs |
| **ECTT12040B** | End cap | 120x40 | - | -/20 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |

**T-joint is obtained by straight joint "GU"**





# CABLE TRUNKING AND DEVICES INSTALLATION SYSTEMS **120x60**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP12060B** | Cable trunking and cover | 120x60 | YES (2) | 20 m |
| **ECAI12060B** | Internal angle | 120x60 | - | -/10 pcs |
| **ECAE12060B** | External angle | 120x60 | - | -/10 pcs |
| **ECAP12060B** | Flat angle | 120x60 | - | -/10 pcs |
| **ECGU12060B** | Straight joint | 120x60 | - | -/10 pcs |
| **ECTT12060B** | End cap | 120x60 | - | -/20 pcs |
| **ECKIT120A** | Kit adaptor box hole center distance 60/67 mm | 120x60 | - | 1/10 pcs |
| **ECKIT120B** | Installation kit for 3 Italian devices - 83,5 mm | 120x60 | - | 1/10 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECKIT120C** | Kit for industrial sockets | 120x60 | - | 1/10 pcs |
| **ECSSB2** | Suitable for sockets 16A, adaptable for 32A<br>Separation and derivation box | 165x165x75 | - | 1/5 pcs |

**T-joint is obtained by straight joint "GU"**







# CABLE TRUNKING SYSTEMS **120x80**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

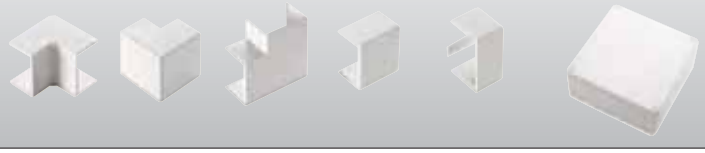
GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP12080B** | Cable trunking and cover | 120x80 | YES (2) | 16 m |
| **ECAI12080B** | Internal angle | 120x80 | - | -/10 pcs |
| **ECAE12080B** | External angle | 120x80 | - | -/10 pcs |
| **ECAP12080B** | Flat angle | 120x80 | - | -/8 pcs |
| **ECGU12080B** | Straight joint | 120x80 | - | -/10 pcs |
| **ECTT12080B** | End cap | 120x80 | - | -/20 pcs |
| **ECSSB3** | Separation and derivation box | 250x250x100 | - | 1/4 pcs |

**T-joint is obtained by straight joint "GU"**





# CABLE TRUNKING AND DEVICES INSTALLATION SYSTEMS **150x60**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP15060B** | Cable trunking and cover | 150x60 | YES (4) | 16 m |
| **ECAI15060B** | Internal angle | 150x60 | - | -/8 pcs |
| **ECAE15060B** | External angle | 150x60 | - | -/8 pcs |
| **ECAP15060B** | Flat angle | 150x60 | - | -/8 pcs |
| **ECGU15060B** | Straight joint | 150x60 | - | -/10 pcs |
| **ECTT15060B** | End cap | 150x60 | - | -/10 pcs |
| **ECKIT150A** | Kit adaptor box hole center distance 60/67 mm | 150x60 | - | 1/5 pcs |
| **ECKIT150B** | Installation kit for 3 Italian devices - 83,5 mm | 150x60 | - | 1/5 pcs |
| **ECCPB** | Blanck cover for box hole center distance 83,5 mm | 117x80x5 | - | 5/50 pcs |
| **ECKIT150C** | Kit for industrial sockets | 150x60 | - | 1/5 pcs |
| **ECSSB3** | Suitable for sockets 16A, adaptable for 32A<br>Separation and derivation box | 250x250x100 | - | 1/4 pcs |

**T-joint is obtained by straight joint "GU"**







# CABLE TRUNKING SYSTEMS **200x60**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

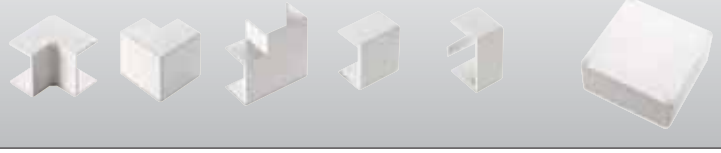
WHITE RAL 9001

GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP20060B** | Cable trunking and cover | 200x60 | YES (4) | 16 m |
| **ECAI20060B** | Internal angle | 200x60 | - | -/5 pcs |
| **ECAE20060B** | External angle | 200x60 | - | -/4 pcs |
| **ECAP20060B** | Flat angle | 200x60 | - | -/8 pcs |
| **ECGU20060B** | Straight joint | 200x60 | - | -/10 pcs |
| **ECTT20060B** | End cap | 200x60 | - | -/10 pcs |
| **ECSSB3** | Separation and derivation box | 250x250x100 | - | 1/4 pcs |





# CABLE TRUNKING SYSTEMS **200x80**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

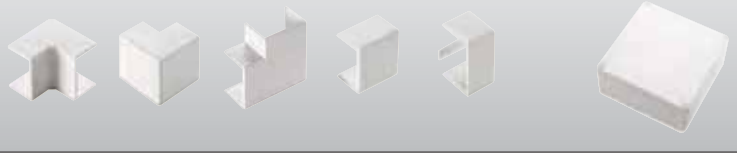
WHITE RAL 9001

GREY RAL 7030

**IP40**

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **ECCP20080B** | Cable trunking and cover | 200x80 | YES (4) | 12 m |
| **ECAI20080B** | Internal angle | 200x80 | - | -/5 pcs |
| **ECAE20080B** | External angle | 200x80 | - | -/4 pcs |
| **ECAP20080B** | Flat angle | 200x80 | - | -/6 pcs |
| **ECGU20080B** | Straight joint | 200x80 | - | -/10 pcs |
| **ECTT20080B** | End cap | 200x80 | - | -/10 pcs |
| **ECSSB3** | Separation and derivation box | 250x250x100 | - | 1/4 pcs |





# HALOGEN FREE CABLE TRUNKINGS SYSTEMS **SERIES CPH**

HALOGEN Free

**MAIN TECHNICAL FEATURES:**

- Made of halogen free technopolymer according to the Standards EN 50267-2-1, EN 50267-2-2, IEC 60754-1, IEC60754-2.
- Emission limits according to the Standards: HCl, HBr, HF:<0,1%.
- Self-extinguishing according to the Standards UL94 V2 at 1,6 mm.
- Resistance to abnormal heat: up to 960°C (Glow Wire Test, Reference Standard IEC 60695-2-11).
- Dimensional stability between -25° to +90°C.
- Complying with Reference Standards EN 50085-1:2005, EN 50085-2-1.
- Packed in strong cardboard boxes suitable for transport and storage.

CE

**IP40**

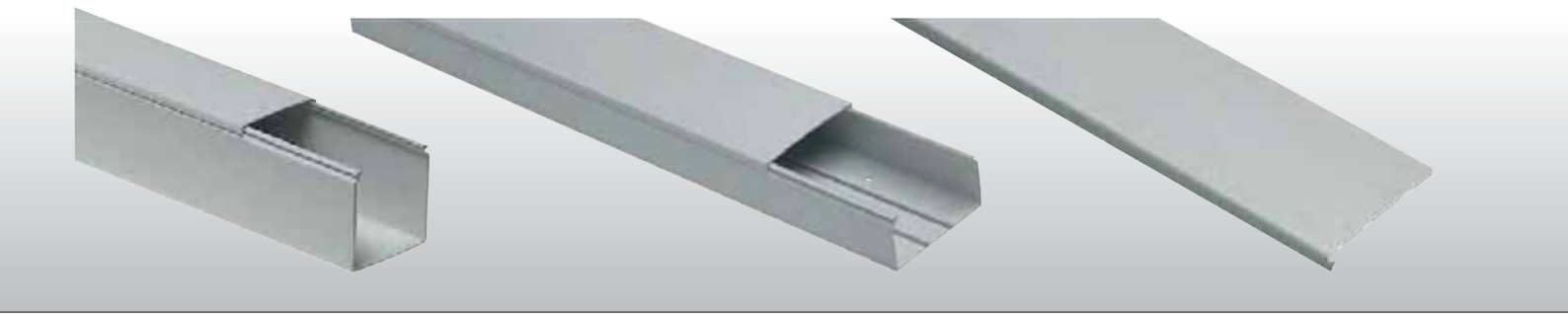
GREY RAL 7035

## Halogen free cable trunking - colour grey RAL 7035

| ITEM | DESCRIPTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m |
|---|---|---|---|---|
| **ECCPH2540** | Cable trunking and cover | 25x40 | - | 100 |
| **ECCPH2560** | Cable trunking and cover | 25x60 | - | 70 |
| **ECCPH2580** | Cable trunking and cover | 25x80 | - | 56 |
| **ECCPH4040** | Cable trunking and cover | 40x40 | - | 70 |
| **ECCPH4060** | Cable trunking and cover | 40x60 | - | 56 |
| **ECCPH4080** | Cable trunking and cover | 40x80 | - | 40 |
| **ECCPH6040** | Cable trunking and cover | 60x40 | - | 50 |
| **ECCPH6060** | Cable trunking and cover | 60x60 | - | 32 |
| **ECCPH6080** | Cable trunking and cover | 60x80 | - | 36 |
| **ECCPH8040** | Cable trunking and cover | 80x40 | YES (2) | 40 |
| **ECCPH8060** | Cable trunking and cover | 80x60 | YES (2) | 28 |
| **ECCPH8080** | Cable trunking and cover | 80x80 | YES (2) | 30 |
| **ECCPH10040** | Cable trunking and cover | 100x40 | YES (2) | 28 |
| **ECCPH10060** | Cable trunking and cover | 100x60 | YES (2) | 20 |
| **ECCPH10080** | Cable trunking and cover | 100x80 | YES (2) | 24 |
| **ECCPH12040** | Cable trunking and cover | 120x40 | YES (2) | 24 |
| **ECCPH12060** | Cable trunking and cover | 120x60 | YES (2) | 20 |
| **ECCPH12080** | Cable trunking and cover | 120x80 | YES (2) | 16 |

## Spare cover for halogen free cable trunking - colour grey RAL 7035

| ITEM | DIMENSIONS W mm | PACKAGING m |
|---|---|---|
| **ECCR25HG** | for trunkings W = 25 mm | 100 |
| **ECCR40HG** | for trunkings W = 40 mm | 100 |
| **ECCR60HG** | for trunkings W = 60 mm | 100 |
| **ECCR80HG** | for trunkings W = 80 mm | 100 |
| **ECCR100HG** | for trunkings W = 100 mm | 60 |
| **ECCR120HG** | for trunkings W = 120 mm | 80 |



# 45x45 DEVICE INSTALLATION TRUNKING SYSTEMS **SERIES KUADRA**

**MAIN TECHNICAL FEATURES:**

- 45x45mm device installation trunking – 1 compartment.
- Made of self-extinguishing technopolymer on rigid PVC base.
- Shock resistance: IK08 (shocks up to 6J).
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

CE

WHITE RAL 9001

## Trunking 90x55 - for cables and 45x45 mm standard devices

| ITEM | DESCRIPTION - USEFUL SECTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **EC2209055** | Trunking and cover 1 compartment - 4.003 $mm^2$ | 90x55 | YES (2) | 24 m |
| **EC220AI9055** | Variable internal angle | 90x55 | - | 1/10 pcs |
| **EC220AE9055** | Variable external angle | 90x55 | - | 1/10 pcs |
| **EC220AP9055** | Flat angle | 90x55 | - | 1/10 pcs |
| **EC220GU9055** | Straight joint | - | - | 10/50 pcs |
| **EC220GC45** | Cover joint | 45 | - | 5/50 pcs |
| **EC220GA45** | Cover/ Device joint | 45 | - | 5/50 pcs |
| **EC220TT9055** | End cap | 90x55 | - | 2/10 pcs |
| **ECSSB2** | Separation and derivation box | 165x165x75 | - | 1/5 pcs |
| **ECSESB** | Separator | - | - | 50 m |
| **EC220CC45** | Additional cover | 45 | - | 50 m |
| **EC220CC25** | Bottom cover for double insulation | 25x100 | - | 50 pz. |



improved



AI AE AP GU GC GA TT SSB SES CC45 CC25

KUADRA SYSTEM

# 45x45 DEVICE INSTALLATION TRUNKING SYSTEMS **SERIES KUADRA**

**MAIN TECHNICAL FEATURES:**

- 45x45mm device installation trunking – 2 compartments.
- Made of self-extinguishing technopolymer on rigid PVC base.
- Shock resistance: IK08 (shocks up to 6J).
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

CE

WHITE RAL 9001

## Trunking 135x55 with 2 compartments - for cables and 45x45 mm standard devices

| ITEM | DESCRIPTION - USEFUL SECTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **EC22013555-2** | Trunking and cover 2 compartments - 6.193 mm² | 135x55 | YES (4) | 16 m |
| **EC220AI13555** | Variable internal angle | 135x55 | - | 1/10 pcs |
| **EC220AE13555** | Variable external angle | 135x55 | - | 1/8 pcs |
| **EC220AP13555** | Flat angle | 135x55 | - | 1/8 pcs |
| **EC220GU9055** | Straight joint | - | - | 10/50 pcs |
| **EC220GC45** | Cover joint | 45 | - | 5/50 pcs |
| **EC220GA45** | Cover/ Device joint | 45 | - | 5/50 pcs |
| **EC220TT13555** | End cap | 135x55 | - | 2/10 pcs |
| **ECSSB3** | Separation and derivation box | 250x250x100 | - | 1/4 pcs |
| **ECSESB** | Separator | - | - | 50 m |
| **EC220CC45** | Additional cover | 45 | - | 50 m |
| **EC220CC25** | Bottom cover for double insulation | 25x100 | - | 50 pz. |



improved



AI AE AP GU GC GA TT SSB SES CC45 CC25

KUADRA SYSTEM

# 45x45 DEVICE INSTALLATION TRUNKING SYSTEMS **SERIES KUADRA**

**MAIN TECHNICAL FEATURES:**

- 45x45mm device installation trunking – 3 compartments.
- Made of self-extinguishing technopolymer on rigid PVC base.
- Shock resistance: IK08 (shocks up to 6J).
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

CE

WHITE RAL 9001

## Trunking 165x55 with 3 compartments - for cables and 45x45 mm standard devices

| ITEM | DESCRIPTION - USEFUL SECTION | DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m / PIECES |
|---|---|---|---|---|
| **EC22016555-3** | Trunking and cover 3 compartments - 7.544 mm² | 165x55 | YES (6) | 16 m |
| **EC220AI16555** | Variable internal angle | 165x55 | - | 1/10 pcs |
| **EC220AE16555** | Variable external angle | 165x55 | - | 1/8 pcs |
| **EC220AP16555** | Flat angle | 165x55 | - | 1/8 pcs |
| **EC220GU16555** | Straight joint | 165x55 | - | 10/50 pcs |
| **EC220GC45** | Cover joint | 45 | - | 5/50 pcs |
| **EC220GA45** | Cover/ Device joint | 45 | - | 5/50 pcs |
| **EC220TT16555** | End cap | 165x55 | - | 2/10 pcs |
| **ECSSB3** | Separation and derivation box | 250x250x100 | - | 1/4 pcs |
| **ECSESB** | Separator | - | - | 50 m |
| **EC220CC45** | Additional cover | 45 | - | 50 m |
| **EC220CC25** | Bottom cover for double insulation | 25x100 | - | 50 pz. |



improved



AI AE AP GU GC GA TT SSB SES CC45 CC25

KUADRA SYSTEM

# 60x60 DEVICE INSTALLATION TRUNKING SYSTEMS **SERIES BR**

**MAIN TECHNICAL FEATURES:**

- 60x60mm device installation trunking.
- Made of self-extinguishing technopolymer on rigid PVC base.
- Shock resistance: IK08 (shocks up to 6J).
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

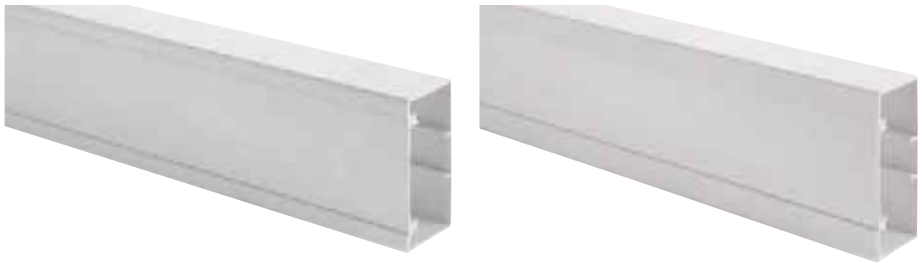
CE

WHITE RAL 9001

## Trunking 110x60 - 135x65 - for cables and 60x60 mm standard devices

| ITEM | DESCRIPTION - USEFUL SECTION | DIMENSIONS W x H mm | PACKAGING m / PIECES |
|---|---|---|---|
| **ECBR11060B** | Trunking and cover - 5.702 mm² | 110x60 | 20 m |
| **ECBR13065B** | Trunking and cover - 7.452 mm² | 130x65 | 12 m |
| **ECBRC80B** | Spare cover | 80 | 100 m |
| **ECBRAI11060B** | Internal angle 110x60 | 110x60 | 1 pcs |
| **ECBRAI13065B** | Internal angle 130x65 | 130x65 | 1 pcs |
| **ECBRAE11060B** | External angle 110x60 | 110x60 | 1 pcs |
| **ECBRAE13065B** | External angle 130x65 | 130x65 | 1 pcs |
| **ECBRTT11060B** | End cap 110x60 | 110x60 | 10 pcs |
| **ECBRTT13065B** | End cap 130x65 | 130x65 | 10 pcs |
| **ECBRS1** | Adaptor box 60x60 mm - 1 standard device | 71x71x50 | 50 pcs |
| **ECBRS2** | Adaptor box 60x60 mm - 2 standard device | 142x71x50 | 25 pcs |

**The boxes BRS1 and BRS2 can be mounted on both trunkings and are suitable to be joined together in order to obtain a 3-gang box.**





**ECBRAI**



**ECBRAE**



**ECBRTT**



**ECBRS**

# CABLE TRUNKING SYSTEMS DIN PITCH- 12,5 mm **SERIES CP**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Dimensions of DIN pitch 12,5mm.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.
- **Colour code: B = white, G = grey.**

CE

WHITE RAL 9001

GREY RAL 7030

**IP40**

## Cable trunking DIN pitch 12,5 mm

| ITEM | DIMENSIONS W x H mm | READY FOR SEPARATOR | SECTION $mm^2$ | PACKAGING m |
|---|---|---|---|---|
| **ECCP5050B** | 50x50 | NO | 2076 | 24 |
| **ECCP7550B** | 75x50 | YES (2) | 3125 | 40 |
| **ECCP5050G** | 50x50 | NO | 2076 | 24 |
| **ECCP7550G** | 75x50 | YES (2) | 3125 | 40 |



# WALL MOUNTNG WHITE MODULAR ENCLOSURES **SERIES 600**

**MAIN TECHNICAL FEATURES:**

- Reversible door made of smoky grey polycarbonate.
- Suitable for housing the brass terminals.
- Suitable for plumbing of the cover.
- Galvanized steel DIN rail already mounted.
- Lid for unused modules.
- Self-adhesive label to identify the different circuit.
- Screw caps for double insulation.

**IP40**

CE

WHITE RAL 9001

## To be used in combination with the trunkings

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NR. (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC60004B** | 150x170x100 | 4 | 22 | 1/22 |
| **EC60008B** | 200x180x100 | 8 | 14 | 1/15 |
| **EC60012B** | 280x220x100 | 12 | 21 | 1/8 |
| **EC60018B** | 400x265x130 | 18 | 24 | -/1 |
| **EC60024B** | 280x350x100 | 24 (2x12) | 30 | -/1 |
| **EC60036B** | 400x400x130 | 36 (2x18) | 47 | -/1 |
| **EC60054B** | 400x600x130 | 54 (3x18) | 72 | -/1 |
| **EC60072B** | 420x885x150 | 72 (4x18) | 85 | -/1 |

**Available with solid white door on request**



**EC60004B** **EC60008B** **EC60012B** **EC60018B** **EC60024B** **EC60036B** **EC60054B** **EC60072B**

## INSTALLATION INSTRUCTIONS FOR THE CABLE TRUNKING SYSTEMS



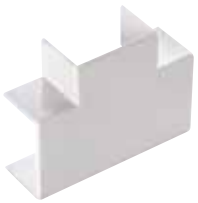


To install the minitrunkings or the cable trunkings on walls or ceilings, or in any case on non-conducting surfaces, it is strongly recommended using expanding plugs (our item TC), minimum diameter 4mm and maximum diameter 6mm with their screws, or steel nails, minimum 30cm and maximum 70cm one from the other. Always fix the trunking close to the accessories. To anchor the trunking to metallic walls not connected to the earthing circuit or in any case to conducting surfaces, it is suggested employing a silicone adhesive or a common mastic, easy to find on the market; taking into account that the indications for use must be carefully followed.

For not particularly hard uses it is suggested to install the trunkings by a double-sided adhesive tape, so that the installation turns out to be easier and quicker. Before proceeding please verify the holding of the adhesive tape on a test sample, which must be smooth and clean.
To cut the trunking and its cover please use a fine toothed hacksaw.
To change direction please use our accessories with the same dimension as the trunking, as indicated in our catalogue and according to the indications of the reference Standards EN50085-1, EN50085-2-1.



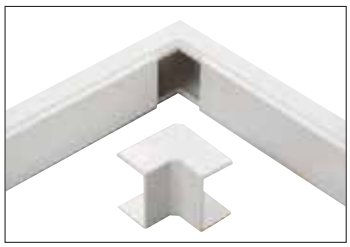




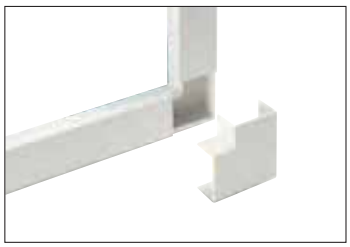

**Internal angle** **External angle** **Flat angle** **Straight joint** **T-joint** **End cap**

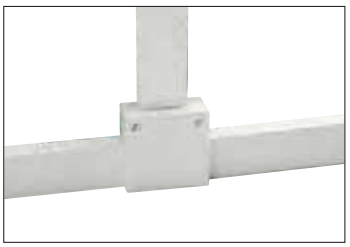
Once the trunking has been fixed to the wall, the separators, the junction and/or device boxes have been installed and the wiring has been done, the cover can be mounted on the bottom with a simple click; if necessary cut the lid in order hook the accessories (placed as indicated below) on to the trunking.

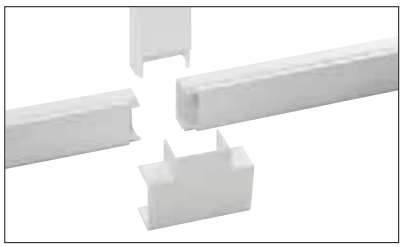
In order to gain the correct protection degree IP, the accessories must be fixed to the trunking by securing the tang of the end cap to the trunking through the passing screw and by sticking the accessories for the change of direction to the trunking bottom with a silicon mastic.


**Internal angle**

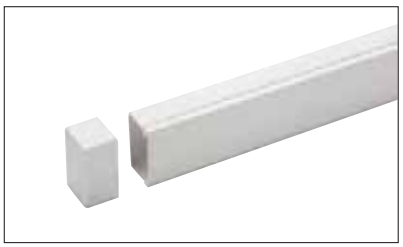

**External angle**


**Flat angle**


**Separation box for trunkings with separators**


**T-joint**

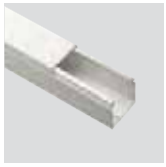

**Straight joint**


**End cap**

# USEFUL SECTION OF THE MINITRUNKINGS AND TRUNKINGS SERIES MC - CP

| ITEM | DESCRIPTION | SECTION | CABLE TYPE H07-U/R/K | | | |
|---|---|---|---|---|---|---|
| | | mm² | 1 | mm² 1,5 | 2,5 | 4 |
| ECMC2010 | Minitrunking 1 compartment dim. 20x10 mm | 126 | 12 | 9 | 6 | 4 |
| ECMC2210-1 | Minitrunking 1 compartment dim. 22x10 mm | 128 | 12 | 9 | 6 | 4 |
| ECMC2210 | Minitrunking 2 compartments dim. 22x10 mm | 126 | 12 | 9 | 6 | 4 |
| ECMC3010-1 | Minitrunking 1 compartment dim. 30x10 mm | 174 | 17 | 12 | 9 | 6 |
| ECMC3010 | Minitrunking 2 compartments dim. 30x10 mm | 172 | 16 | 12 | 9 | 6 |
| ECMC4010 | Minitrunking 3 compartments dim. 40x10 mm | 220 | 21 | 16 | 11 | 7 |
| ECMC1517 | Minitrunking 1 compartment dim. 15x17 mm | 168 | 16 | 12 | 8 | 6 |
| ECMC2517 | Minitrunking 1 compartment dim. 25x17 mm | 249 | 24 | 18 | 12 | 8 |
| ECMC4017-1 | Minitrunking 1 compartment dim. 40x17 mm | 418 | 40 | 30 | 21 | 14 |
| ECMC4017 | Minitrunking 2 compartments dim. 40x17 mm | 416 | 40 | 30 | 21 | 14 |
| ECMC6017 | Minitrunking 3 compartments dim. 60x17 mm | 685 | 65 | 49 | 34 | 23 |
| ECMC5020 | Minitrunking 1 compartment dim. 50x20 mm | 625 | 60 | 45 | 31 | 21 |
| ECMC5020-1 | Minitrunking 2 compartments dim. 50x20 mm | 620 | 59 | 44 | 31 | 21 |
| ECMC5020-2 | Minitrunking 3 compartments dim. 50x20 mm | 615 | 59 | 44 | 31 | 21 |
| ECMC2525 | Minitrunking 1 compartment dim. 25x25 mm | 480 | 46 | 34 | 24 | 16 |
| ECMC4025 | Minitrunking 1 compartment dim. 40x25 mm | 752 | 72 | 54 | 38 | 25 |
| | | | | | | |
| ECMC1515B | Minitrunking 1 compartment dim. 15x15 mm | 148 | 14 | 10 | 7 | 4 |
| ECMC1818B | Minitrunking 1 compartment dim. 18x18 mm | 210 | 18 | 13 | 9 | 5 |
| ECMC2020B | Minitrunking 1 compartment dim. 20x20 mm | 264 | 24 | 17 | 12 | 7 |
| ECMC3015B | Minitrunking 1 compartment dim. 30x15 mm | 283 | 26 | 19 | 13 | 7 |
| ECMC3030B | Minitrunking 1 compartment dim. 30x30 mm | 652 | 62 | 46 | 32 | 17 |
| | | | | | | |
| ECCP2540 | Cable trunking with cover dim. 25x40 mm | 760 | 72 | 54 | 38 | 25 |
| ECCP2560 | Cable trunking with cover dim. 25x60 mm | 1100 | 105 | 79 | 55 | 37 |
| ECCP2580 | Cable trunking with cover dim. 25x80 mm | 1520 | 145 | 109 | 76 | 51 |
| ECCP4040 | Cable trunking with cover dim. 40x40 mm | 1214 | 116 | 87 | 61 | 40 |
| ECCP4060 | Cable trunking with cover dim. 40x60 mm | 1950 | 186 | 139 | 98 | 65 |
| ECCP4080 | Cable trunking with cover dim. 40x80 mm | 2530 | 241 | 181 | 127 | 84 |
| ECCP40100 | Cable trunking with cover dim. 40x100 mm | 3110 | 296 | 222 | 156 | 104 |
| ECCP5050 | Cable trunking with cover dim. 50x50 mm | 2076 | 198 | 148 | 104 | 69 |
| ECCP6040 | Cable trunking with cover dim. 60x40 mm | 1930 | 184 | 138 | 97 | 64 |
| ECCP6060 | Cable trunking with cover dim. 60x60 mm | 3046 | 290 | 218 | 152 | 102 |
| ECCP6080 | Cable trunking with cover dim. 60x80 mm | 4215 | 401 | 301 | 211 | 141 |
| ECCP60100 | Cable trunking with cover dim. 60x100 mm | 5332 | 508 | 381 | 267 | 178 |
| ECCP7550 | Cable trunking with cover dim. 75x50 mm | 3125 | 296 | 222 | 156 | 104 |
| ECCP8040 | Cable trunking with cover dim. 80x40 mm | 2530 | 241 | 181 | 127 | 84 |
| ECCP8060 | Cable trunking with cover dim. 80x60 mm | 4202 | 400 | 300 | 210 | 140 |
| ECCP8080 | Cable trunking with cover dim. 80x80 mm | 5620 | 535 | 401 | 281 | 187 |
| ECCP80100 | Cable trunking with cover dim. 80x100 mm | 7064 | 673 | 505 | 353 | 235 |
| ECCP10040 | Cable trunking with cover dim. 100x40 mm | 3316 | 316 | 237 | 166 | 111 |
| ECCP10060 | Cable trunking with cover dim. 100x60 mm | 5236 | 499 | 374 | 262 | 175 |
| ECCP10080 | Cable trunking with cover dim. 100x80 mm | 7156 | 682 | 511 | 358 | 239 |
| ECCP100100 | Cable trunking with cover dim. 100x100 mm | 8980 | 855 | 641 | 449 | 299 |
| ECCP12040 | Cable trunking with cover dim. 120x40 mm | 4040 | 385 | 289 | 202 | 135 |
| ECCP12060 | Cable trunking with cover dim. 120x60 mm | 6340 | 604 | 453 | 317 | 211 |
| ECCP12080 | Cable trunking with cover dim. 120x80 mm | 8640 | 823 | 617 | 432 | 288 |
| ECCP15060 | Cable trunking with cover dim. 150x60 mm | 7738 | 737 | 553 | 387 | 258 |
| ECCP20060 | Cable trunking with cover dim. 200x60 mm | 10278 | 979 | 734 | 514 | 343 |
| ECCP20080 | Cable trunking with cover dim. 200x80 mm | 14278 | 1360 | 1020 | 714 | 476 |

## CHOICE TABLES FOR CABLE TRUNKING SYSTEMS





| | ITEM | | | | | ITEM | | |
|---|---|---|---|---|---|---|---|---|
| DIMENSIONS WxH mm | TRUNKING AND COVER | SEPARATOR | COMPARTMEMENT NR. | SECTION mm² | PACKAGING m | CABLE RETAINER | INTERNAL ANGLE | EXTERNAL ANGLE |
| 25x40 | ECCP2540B | NO | - | 760 | 100 | - | - | - |
| 25x60 | ECCP2560B | NO | - | 1100 | 70 | - | - | - |
| 25x80 | ECCP2580B | NO | - | 1520 | 56 | - | - | - |
| 40x40 | ECCP4040B | NO | - | 1214 | 70 | ECCO4040 | ECAI4040B | ECAE4040B |
| 40x60 | ECCP4060B | NO | - | 1950 | 56 | ECCO4060 | - | - |
| 40x80 | ECCP4080B | NO | - | 2530 | 40 | ECCO4080 | - | - |
| 40x100 | ECCP40100B | NO | - | 3110 | 32 | ECCO40100 | - | - |
| 50x50 | ECCP5050B | NO | - | 2076 | 24 | - | - | - |
| 60x40 | ECCP6040B | NO | - | 1930 | 50 | ECCO6040 | ECAI6040B | ECAE6040B |
| 60x60 | ECCP6060B | NO | - | 3046 | 32 | ECCO6060 | ECAI6060B | ECAE6060B |
| 60x80 | ECCP6080B | NO | - | 4215 | 36 | ECCO6080 | - | - |
| 60x100 | ECCP60100B | NO | - | 5332 | 24 | ECCO60100 | - | - |
| 75x50 | ECCP7550B | ECSESB | 2 | 3125 | 40 | - | - | - |
| 80x40 | ECCP8040B | ECSESB | 2 | 2530 | 40 | ECCO8040 | ECAI8040B | ECAE8040B |
| 80x60 | ECCP8060B | ECSESB | 2 | 4202 | 28 | ECCO8060 | ECAI8060B | ECAE8060B |
| 80x80 | ECCP8080B | ECSESB | 2 | 5620 | 30 | ECCO8080 | ECAI8080B | ECAE8080B |
| 80x100 | ECCP80100B | ECSESB | 2 | 7064 | 24 | ECCO80100 | - | - |
| 100x40 | ECCP10040B | ECSESB | 2 | 3316 | 28 | ECCO10040 | ECAI10040B | ECAE10040B |
| 100x60 | ECCP10060B | ECSESB | 2 | 5236 | 20 | ECCO10060 | ECAI10060B | ECAE10060B |
| 100x80 | ECCP10080B | ECSESB | 2 | 7156 | 24 | ECCO10080 | ECAI10080B | ECAE10080B |
| 100x100 | ECCP100100B | ECSESB | 2 | 8980 | 16 | ECCO100100 | - | - |
| 120x40 | ECCP12040B | ECSESB | 2 | 4040 | 24 | ECCO12040 | ECAI12040B | ECAE12040B |
| 120x60 | ECCP12060B | ECSESB | 2 | 6340 | 20 | ECCO12060 | ECAI12060B | ECAE12060B |
| 120x80 | ECCP12080B | ECSESB | 2 | 8640 | 16 | ECCO12080 | ECAI12080B | ECAE12080B |
| 150x60 | ECCP15060B | ECSESB | 4 | 7738 | 16 | ECCO150 | ECAI15060B | ECAE15060B |
| 200x60 | ECCP20060B | ECSESB | 4 | 10278 | 16 | ECCO200 | ECAI20060B | ECAE20060B |
| 200x80 | ECCP20080B | ECSESB | 4 | 14278 | 12 | ECCO200 | ECAI20080B | ECAE20080B |

## CHOICE TABLES FOR WALL MOUNTING MODULAR ENCLOSURE SERIES 600 (for further information see page 249)



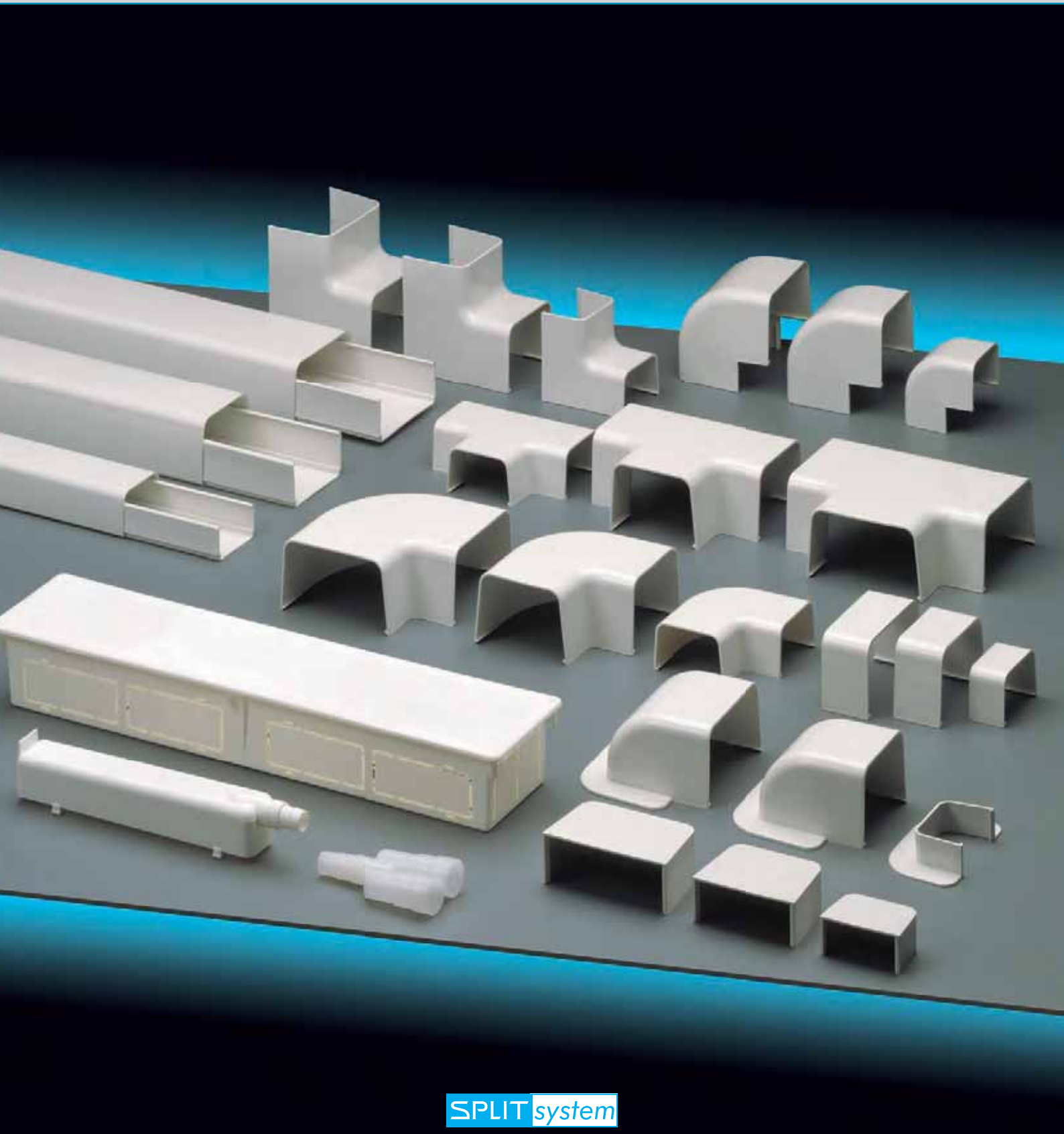
| ITEM | EC60004B | EC60008B | EC60012B | EC60018B | EC60024B | EC60036B | EC60054B | EC60072B |
|---|---|---|---|---|---|---|---|---|
| EXTERNAL DIM. W x H x D mm | 150x70x100 | 200x180x100 | 280x220x100 | 400x265x130 | 280x350x100 | 400x400x130 | 400x600x130 | 420x885x150 |



| ITEM | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FLAT ANGLE | STRAIGHT JOINT | T-JOINT | END CAP | KIT 3 ITALIAN DEVICES | BLANK COVER | KIT CENTRE HOLE **60/67** mm | KIT INDUSTRAL SOCKETS | SEPARATOR BOX |
| - | - | - | - | - | - | - | - | ECSSB2 |
| - | - | - | - | - | - | - | - | ECSSB2 |
| - | - | - | - | - | - | - | - | ECSSB3 |
| ECAP4040B | ECGU4040B | ECT4040B | ECTT4040B | - | - | - | - | ECSSB2 |
| - | - | - | - | - | - | - | - | ECSSB2 |
| - | - | - | - | - | - | - | - | ECSSB3 |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ECSSB2 |
| ECAP6040B | ECGU6040B | ECT6040B | ECTT6040B | - | - | - | - | ECSSB2 |
| ECAP6060B | ECGU6060B | ECT6060B | ECTT6060B | - | - | - | - | ECSSB2 |
| - | - | - | - | - | - | - | - | ECSSB3 |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ECSSB3 |
| ECAP8040B | ECGU8040B | - | ECTT8040B | - | - | - | - | ECSSB2 |
| ECAP8060B | ECGU8060B | - | ECTT8060B | ECKIT80B | ECCPB | - | - | ECSSB2 |
| ECAP8080B | ECGU8080B | - | ECTT8080B | - | - | - | - | ECSSB3 |
| - | - | - | - | - | - | - | - | - |
| ECAP10040B | ECGU10040B | - | ECTT10040B | - | - | - | - | ECSSB2 |
| ECAP10060B | ECGU10060B | - | ECTT10060B | ECKIT100B | ECCPB | ECKIT100A | ECKIT100C | ECSSB2 |
| ECAP10080B | ECGU10080B | - | ECTT10080B | - | - | - | - | ECSSB3 |
| - | - | - | - | - | - | - | - | - |
| ECAP12040B | ECGU12040B | - | ECTT12040B | - | - | - | - | ECSSB2 |
| ECAP12060B | ECGU12060B | - | ECTT12060B | ECKIT120B | ECCPB | ECKIT120A | ECKIT120C | ECSSB2 |
| ECAP12080B | ECGU12080B | - | ECTT12080B | - | - | - | - | ECSSB3 |
| ECAP15060B | ECGU15060B | - | ECTT15060B | ECKIT150B | ECCPB | ECKIT150A | ECKIT150C | ECSSB3 |
| ECAP20060B | ECGU20060B | - | ECTT20060B | - | - | - | - | ECSSB3 |
| ECAP20080B | ECGU20080B | - | ECTT20080B | - | - | - | - | ECSSB3 |

The trunkings are supplied in the standard length of 2 mt ± 5 mm.

# TRUNKING SYSTEMS FOR AIR CONDITIONING INSTALLATION



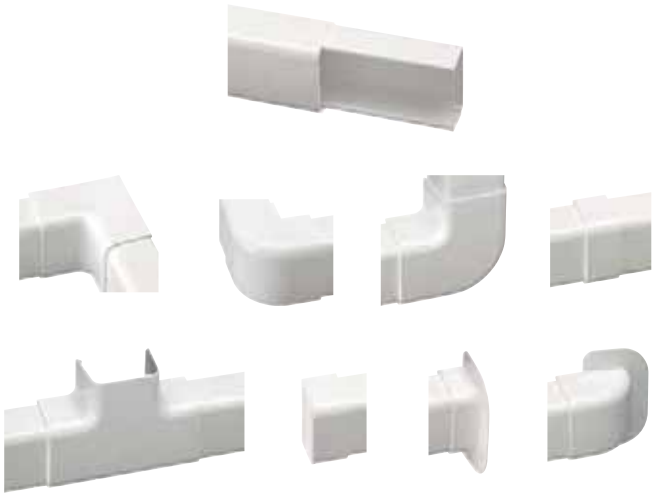
SPLIT system

SPLIT system

4

## MAIN TECHNICAL FEATURES

Material: technopolymer on rigid PVC base, self-extinguishing V0 (UL94) and high resistant to UV rays.
Standard colours: white RAL 9001.
System protection degree: IP40 (trunking + accessories).
Resistance to mechanical shocks: IK 08 (shocks up to 6J).
Resistance to heat in continuous use: up to +70° C.
Resistance to abnormal heat: up to 650° C (Glow Wire Test, Reference Standard IEC 60695-2-11).
Insulation resistance: > 100MΩ.
Installation temperature range: minimum –5° C, maximum +60° C.
Standard length: 2 mt bars.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Trunking systems for air conditioning installation
Series SPLIT System
page 100



Accessories for air conditioning installation
page 105

# MAIN TECHNICAL FEATURES

Perfectly symmetric trunking base: there isn't any top or bottom to pay attention to during the installation basso



Available in 5 different dimensions to choose the most suitable size

The particular closing system allows to shut the trunking perfectly



Perforated bottom for a quicker and more precise installation

The range of accessories for the change of direction permit to carry out any configuration



Wrap-around cover without edges; functional modern design

The conduit retainers can be set into the trunking with a simple click.



Arrangement boxes for a complete product assortment

The range of air conditioning trunking system is manufactured with technopolymer on rigid PVC base, self-extinguishing and resistant to UV rays, for a long-lasting life and a stability of the white colour RAL 9001, which can be perfectly combined with any cooling unit available on the market. Super

The wide and complete range of accessories permits to make the trunking system, whether it is installed on the wall or on the ceiling , perfectly adherent to the project layout, carrying out in this way the installation of the technical ducts, the electrical supply and the condensate draining.

The particularly wrapping-around trunking section supports and accompanies the ducts and, thanks to the retainers, grants their correct positioning.

The wrap-around lid fully covers the trunking section and thanks to the peculiar hooking profile of the bottom assures a perfect closure without any further fastening or gluing systems.

The accessories for the change of direction are set on the trunking with a simple click and wrap the cover around for a great technical result and a nice outlook, without visible cuts and joints, making the closing in the joining points stronger.

The arrangment boxes and the spiral flexible conduits for condensate draining perfectly fit so that evrything is ready for the installation works.

# mounting examples




SPLIT system

# COMPONENTS OF TRUNKING SYSTEMS FOR AIR CONDITIONING INSTALLATION

The trunking system for air conditioning installations are composed of the trunking, the accessories for the change of direction, the joining and the derivation, that, together with the supports form a complete system for any installation need.
The accessories for the change of direction are set directly on the trunking with a click.

TRUNKING WITH WRAP-AROUND COVER
*MADE OF SELF-EXTINGUISHING TECHNOPOLYMER RESISTANT TO UV RAYS*



90° INTERNAL ANGLE FOR CHANGE OF DIRECTION



90° EXTERNAL ANGLE FOR CHANGE OF DIRECTION



90° FLAT ANGLE FOR CHANGE OF DIRECTION



STRAIGHT JOINT FOR TRUNKING TRACKS



T JOINT ON THE SAME LEVEL



END CAP



WALL THROUGH STRAIGHT JOINT



WALL THROUGH BENT JOINT



FLEXIBLE SPIRAL CONDUIT
*FOR CONDENSATE DRAINING*



CONDUIT RETAINER



ARRANGEMENT BOX AND UNIVERSAL FITTING
*FOR SYSTEM ARRANGMENT AND CONDENSATE DRAINING*



FLOOR SUPPORT
*TO INSTALL THE EXTERNAL COOLING UNIT ON THE FLOOR*



SPLIT system

# TRUNKING SYSTEMS **60x40**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

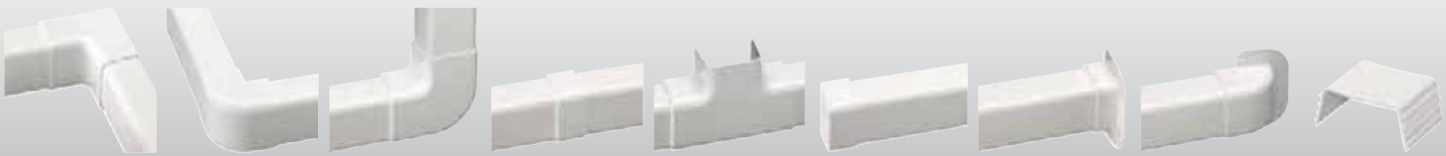
**IP40**

CE

WHITE RAL 9001

| ITEM | DESCRIPTION | PACKAGING m / PIECES |
|---|---|---|
| **EC9006040** | Duct for air conditioned installation - section 1920 mm² | 30 m |
| **EC9106040** | Internal angle | -/10 pcs |
| **EC9206040** | External angle | -/10 pcs |
| **EC9306040** | Flat angle | -/10 pcs |
| **EC9406040** | Straight joint | -/20 pcs |
| **EC9506040** | T-joint | -/10 pcs |
| **EC9606040** | End cap | -/20 pcs |
| **EC9706040** | Wall through straight joint | -/20 pcs |
| **EC9806040** | Wall through bent joint | -/10 pcs |
| **EC9036040** | Conduit retainer | -/30 pcs |





# TRUNKING SYSTEMS **70x55**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

CE

WHITE RAL 9001

| ITEM | DESCRIPTION | PACKAGING m / PIECES |
|---|---|---|
| **EC9007055** | Duct for air conditioned installation - section 3147 mm$^2$ | 24 m |
| **EC9107055** | Internal angle | -/10 pcs |
| **EC9207055** | External angle | -/10 pcs |
| **EC9307055** | Flat angle | -/10 pcs |
| **EC9407055** | Straight joint | -/20 pcs |
| **EC9507055** | T-joint | -/10 pcs |
| **EC9607055** | End cap | -/20 pcs |
| **EC9707055** | Wall through straight joint | -/20 pcs |
| **EC9807055** | Wall through bent joint | -/10 pcs |





SPLIT system

# TRUNKING SYSTEMS **80x60**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

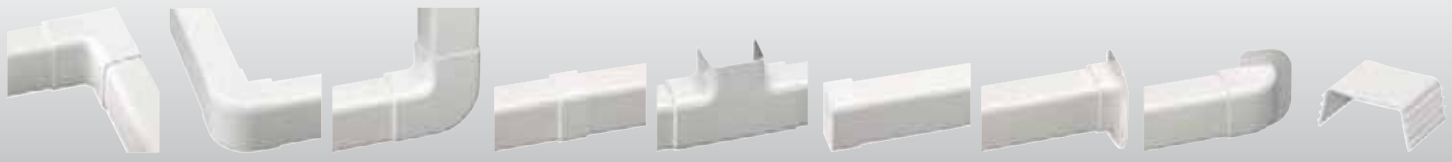
**IP40**

CE

WHITE RAL 9001

| ITEM | DESCRIPTION | PACKAGING m / PIECES |
|---|---|---|
| **EC9008060** | Duct for air conditioned installation - section 3910 mm² | 16 m |
| **EC9108060** | Internal angle | -/10 pcs |
| **EC9208060** | External angle | -/10 pcs |
| **EC9308060** | Flat angle | -/10 pcs |
| **EC9408060** | Straight joint | -/20 pcs |
| **EC9508060** | T-joint | -/10 pcs |
| **EC9608060** | End cap | -/20 pcs |
| **EC9708060** | Wall through straight joint | -/20 pcs |
| **EC9808060** | Wall through bent joint | -/10 pcs |
| **EC9038060** | Conduit retainer | -/30 pcs |





# TRUNKING SYSTEMS **90x65**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP40**

CE

WHITE RAL 9001

| ITEM | DESCRIPTION | PACKAGING m / PIECES |
|---|---|---|
| **EC9009065** | Duct for air conditioned installation - section 4877 mm² | 16 m |
| **EC9109065** | Internal angle | -/10 pcs |
| **EC9209065** | External angle | -/10 pcs |
| **EC9309065** | Flat angle | -/10 pcs |
| **EC9409065** | Straight joint | -/20 pcs |
| **EC9509065** | T-joint | -/10 pcs |
| **EC9609065** | End cap | -/20 pcs |
| **EC9709065** | Wall through straight joint | -/20 pcs |
| **EC9809065** | Wall through bent joint | -/10 pcs |





# TRUNKING SYSTEMS **100x60**

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing technopolymer on rigid PVC base.
- Perforated bottom for fixing by screws or plugs.
- Accessories are set onto the trunking with a simple click.
- Protection degree IP 40 only if installed with the proper accessories.
- Standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

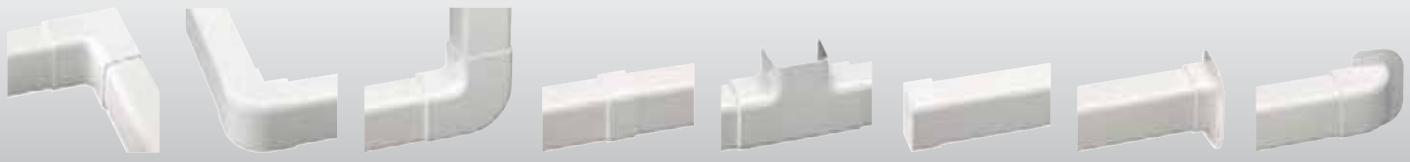
**IP40**

CE

WHITE RAL 9001

| ITEM | DESCRIPTION | PACKAGING m / PIECES |
|---|---|---|
| **EC90010060** | Duct for air conditioned installation - section 5120 mm$^2$ | 16 m |
| **EC91010060** | Internal angle | -/10 pcs |
| **EC92010060** | External angle | -/10 pcs |
| **EC93010060** | Flat angle | -/10 pcs |
| **EC94010060** | Straight joint | -/20 pcs |
| **EC95010060** | T-joint | -/10 pcs |
| **EC96010060** | End cap | -/20 pcs |
| **EC97010060** | Wall through straight joint | -/20 pcs |
| **EC98010060** | Wall through bent joint | -/10 pcs |





# ACCESSORI SISTEMI DI CANALIZZAZIONI

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing rigid technopolymer.
- Max load 140 kg.
- Packed in strong cardboard boxes suitable for transport and storage.

CE

WHITE RAL 9001

## External cooling unit floor support, with M8/10x25 fixing bolts, nuts and washers

| ITEM | DIMENSIONS W x H mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **EC90401** | Floor support 90x80 | 350 | -/24 |
| **EC90402** | Floor support 90x80 | 450 | -/24 |
| **EC90403** | End cap for support 90x80 | - | -/24 |
| **EC90411** | Floor support 105x75 | 420 | -/24 |



**EC90401 - EC90402**



**EC90403**



**EC90411**

# ACCESSORIES FOR TRUNKING SYSTEMS

**MAIN TECHNICAL FEATURES:**

- Made of self-extinguishing rigid technopolymer.
- Packed in strong cardboard boxes suitable for transport and storage.

CE

WHITE RAL 9001

## Flexible spiral conduit for condensate draining - classification 1111

| ITEM | DESCRIPTION<br>Ø INT. / Ø EXT. mm | PACKAGING<br>m / PALLET |
|---|---|---|
| **EC990GFE16** | Flexible spiral conduit Ø 16 / Ø 20,2 | 30/4050 |
| **EC990GFE18** | Flexible spiral conduit Ø 18 / Ø 22,2 | 30/3360 |
| **EC990GFE20** | Flexible spiral conduit Ø 20 / Ø 24,2 | 30/3360 |

## Arrangement box for condensate draining left-right adjustable

| ITEM | DESCRIPTION<br>DIMENSIONS mm | PACKAGING<br>PIECES |
|---|---|---|
| **EC90201** | Arrangement box for condensate draining<br>dimensions 455x100x65 | 1/20 |

## Universal fitting for condensate draining conduit

| ITEM | DESCRIPTION Ø TUBO<br>mm | PACKAGING<br>PIECES |
|---|---|---|
| **EC901Y** | "Y" Universal fitting Ø16/18/20 | -/20 |



**EC990GFE**



**EC90201**



**EC901Y**

# CHOICE TABLES FOR TRUNKING SYSTEMS FOR AIR CONDITIONING INSTALLATION



| DIMENSIONS W x H mm | ITEM | | | | |
|---|---|---|---|---|---|
| | DUCT AND COVER | INTERNAL ANGLE | EXTERNAL ANGLE | FLAT ANGLE | STRAIGHT JOINT |
| 60x40 | EC9006040 | EC9106040 | EC9206040 | EC9306040 | EC9406040 |
| 70x55 | EC9007055 | EC9107055 | EC9207055 | EC9307055 | EC9407055 |
| 80x60 | EC9008060 | EC9108060 | EC9208060 | EC9308060 | EC9408060 |
| 90x65 | EC9009065 | EC9109065 | EC9209065 | EC9309065 | EC9409065 |
| 100x60 | EC90010060 | EC91010060 | EC92010060 | EC93010060 | EC94010060 |



| DIMENSIONS W x H mm | ITEM | | | | |
|---|---|---|---|---|---|
| | T-JOINT | END CAP | WALL THROUGH STRAIGHT JOINT | WALL THROUGH BENT JOINT | CONDUIT RETAINER |
| 60x40 | EC9506040 | EC9606040 | EC9706040 | EC9806040 | EC9036040 |
| 70x55 | EC9507055 | EC9607055 | EC9707055 | EC9807055 | - |
| 80x60 | EC9508060 | EC9608060 | EC9708060 | EC9808060 | EC9038060 |
| 90x65 | EC9509065 | EC9609065 | EC9709065 | EC9809065 | - |
| 100x60 | EC95010060 | EC96010060 | EC97010060 | EC98010060 | - |

# CHOICE TABLES FOR FLOOR SUPPORTS FOR EXTERNAL COOLING UNITS

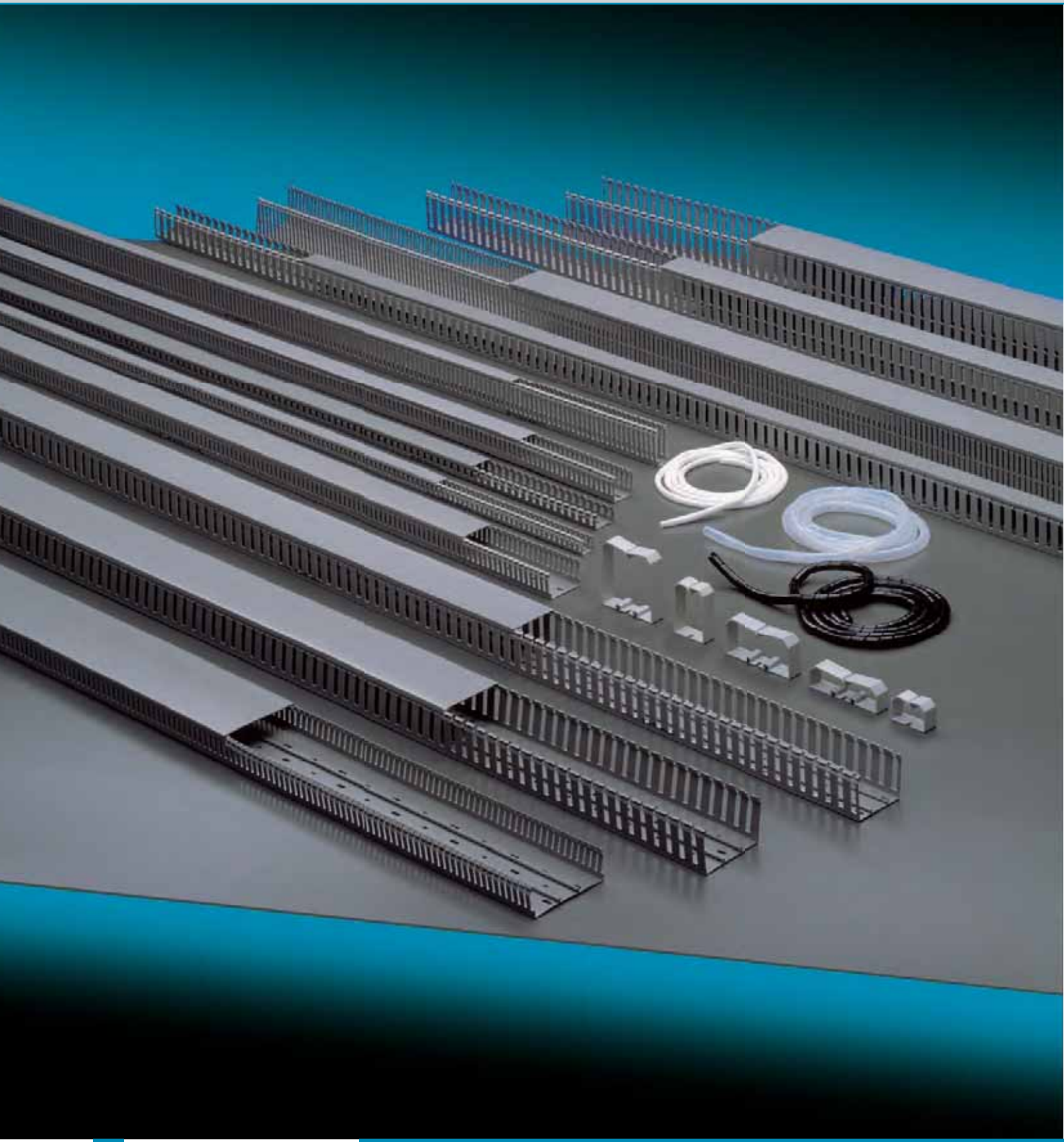


| DIMENSIONS W x H mm | ITEM | | | |
|---|---|---|---|---|
| | LENGTH 350 mm | LENGTH 420 mm | LENGTH 450 mm | END CAP |
| 90x80 | EC90401 | - | EC90402 | EC90403 |
| 115x75 | - | EC90411 | - | - |

The trunkings are supplied in the standard length of 2 mt ± 5 mm.

SPLIT system

# SLOTTED TRUNKINGS



# 5

## MAIN TECHNICAL FEATURES

Material: technopolymer on rigid PVC base, self-extinguishing V0 (UL94) and high resistant to UV rays.
Standard colours: grey RAL 7030, grey RAL 7035, white RL 9001 on request.
Resistance to mechanical shocks IK 07 (shocks up to 2 J).
Resistance to heat in continuous use: up to +70° C.
Resistance to abnormal heat: up to 650° C (Glow Wire Test, Reference Standard IEC 60695-2-11).
Insulation resistance: > 100MΩ.
Dielectric voltage > 3.000 V.
Perforated bottom according to the Standard DIN 43659.
Installation temperature range: minimum –5° C, maximum +60° C.
Standard length: 2 mt bars.
Double break line to remove only one slot or th whole trunking wall fast and easily.
Reference Standards: EN 50085-1:2005 + A1:2013, EN 50085-2-3:2010, UL 1565 ED.4.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Slotted trunkings type A
page 114



Slotted trunkings type S
page 116




Halogen free Slotted trunkings type SH
page 118



Accessories for slotted trunkings Series CO - Series 460
page 120



Cutting machine Series ADC
page 120



Pre-cut trunkings Series P
page 121



Flexible slotted trunkings Series 234
page 121



Spiral wraps Series P / PA / PN
page 122

# MAIN TECHNICAL FEATURES

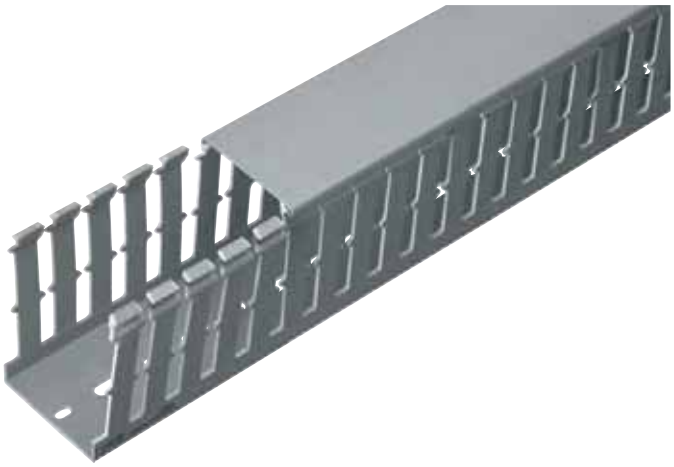
Narrow slots 4/6/4

Perforated bottom accordino to the Standard DIN 43659 for a quick fixing by rivets



Product complying with the Reference Standard EN 50085-2-3

Cable retaining profile for the 80 and 100 mm high trunkings.

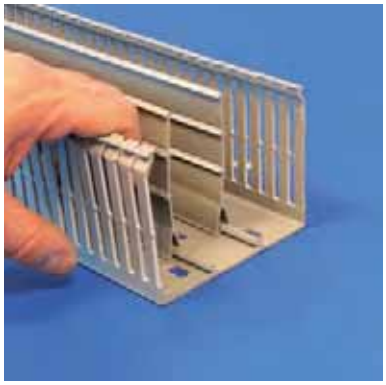


Wide slots 8/12/8

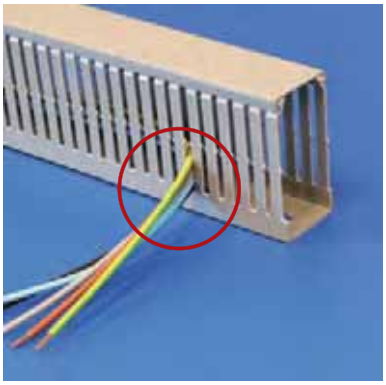
Available also in the halogen free version with a low emission of smokes

The range of slotted trunkings is manufactured with two different raw materials: the standard product is made up of self-extinguishing and UV-resistant technopolymer on rigid PVC base; the halogen free product is made up of special halogen free raw material according to the Standards EN 50267-2-1. EN 50267-2-2, IEC 60754-1, IEC 60754-2.
The standard version can be supplied in colour grey RAL 7030 and, on request, in white RAL 9001, while the halogen free version is available only in RAL 7035 for an easy and quick product identification.
The slotted trunkings are mainly used to assemble automation and control electrical cabinets, boards for telecommunication and control electrical panels aboard a machine. In all these applications the following products can be used: flexible slotted trunkings series 234 with screw or adhesive fixing, our rails DIN EN50022 in two different heights 7,5mm and 15mm, as well as the spiral wraps.
The slotted trunkings are available in six widths, 25, 40, 60, 80, 100 and 120mm, and in 5 heights, 25, 40, 60, 80 and 100mm, for totally 24 sizes, available in two different types, with narrow slots and with wide slots.
From the dimension 80x40 the inner space can be divided in some compartments by the proper sectionable separator, which is fixed to the bottom without any screws.
The fully rounded slot profile assures the total safety both for the operator and for the installed cables.
The cover perfectly snaps to the bottom so that it doesn't fall of, although the trunking is installed vertically or turned upside down.

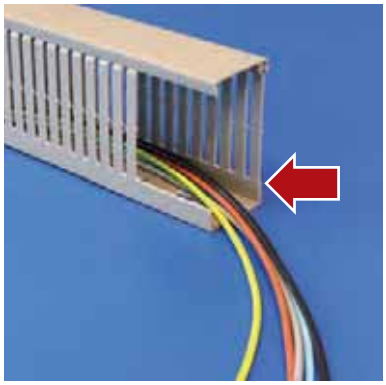
# MAIN TECHNICAL FEATURES



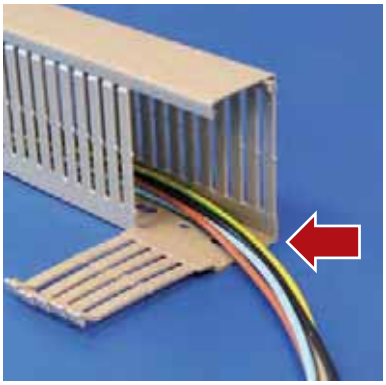
Total safety both for the operator and the cables thanks to the fully rounded slot profile



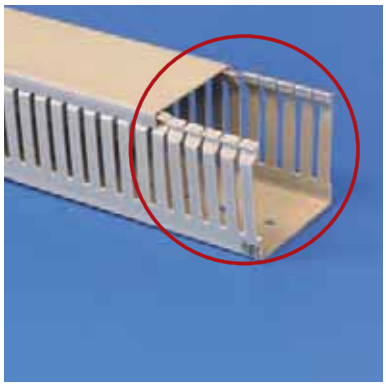
Cable retaining profile for the 80 and 100mm high trunkings



First break line at the base of the slots allows to remove them very easily; the impact strength of the slots avoids them breaking off unintentionally



Second break line at the base of the slots permits to remove the whole trunking wall (with tool)



The product is really easy to install also thanks to the cover that doesn't fall off although the trunking is put vertically or turned upside down



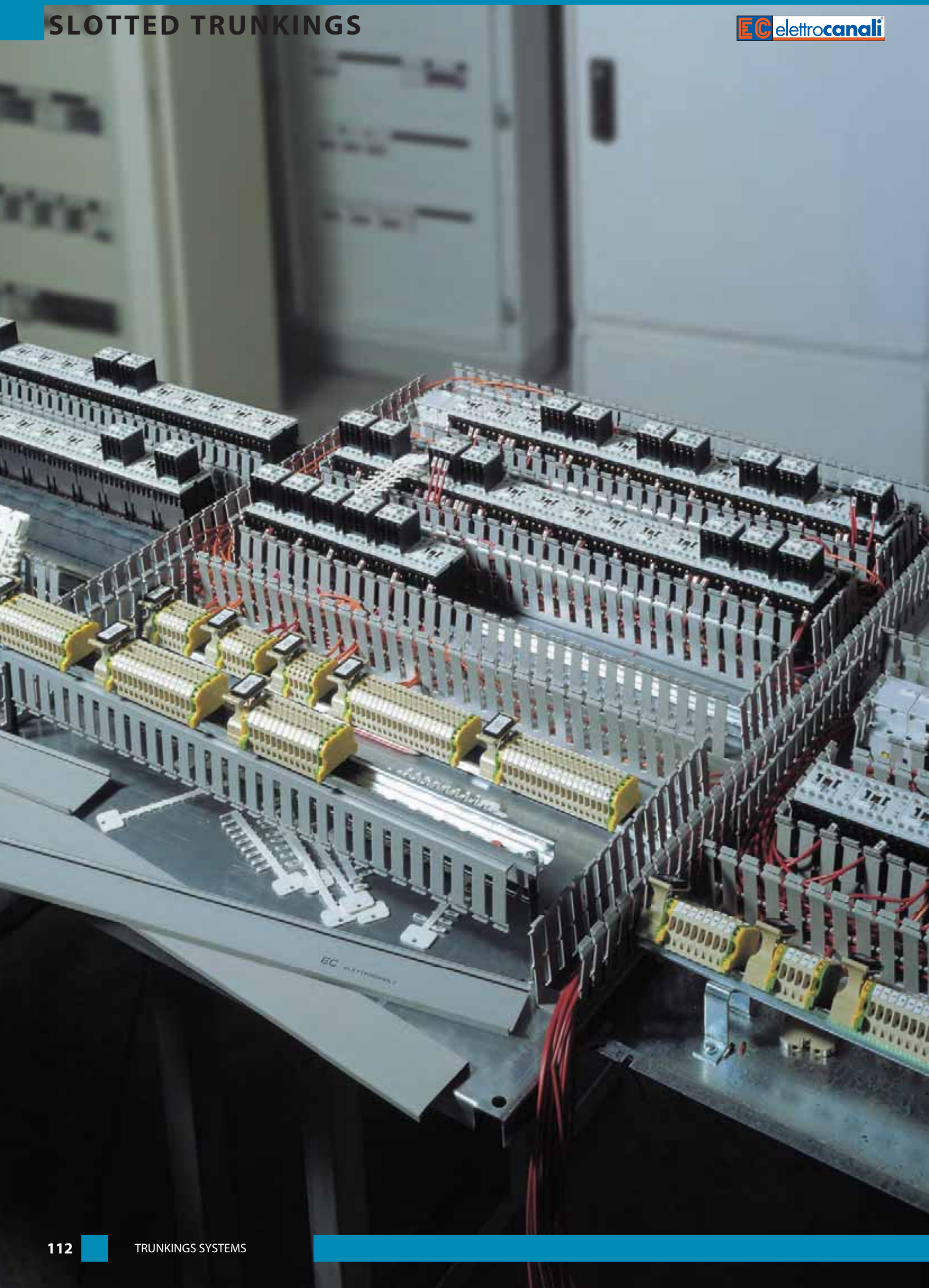
The sectionable separator permits to divide the inner space in some compartments in order to keep the different circuits separated



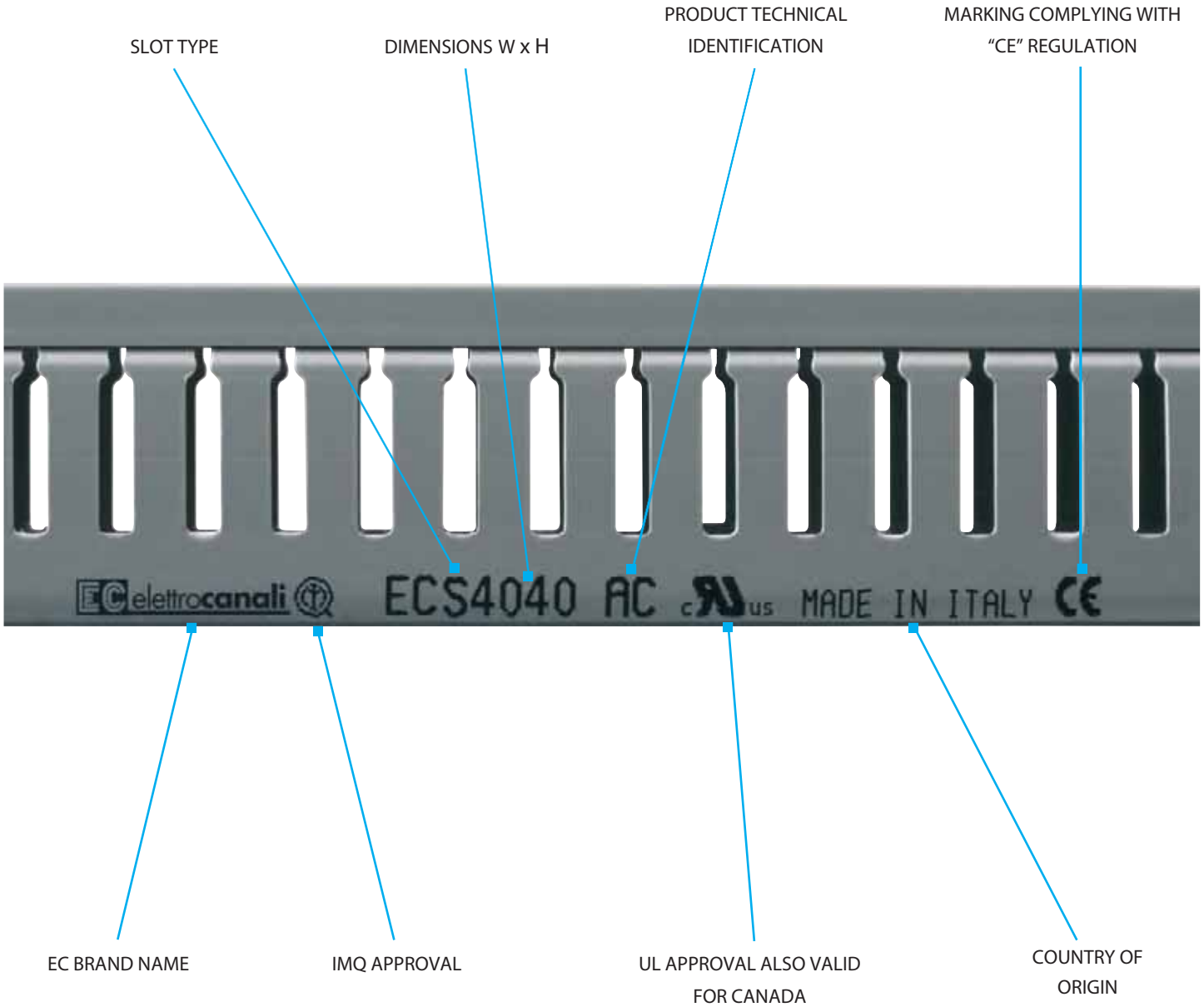
The cable retainers, which can be used with or without the separator, prevent the cable fro, falling out f the trunkings



The cable retainers permit to annul the pressure of the cables on the cover during the transport of the cabled electrical cabinets



# MARKING OF THE SLOTTED TRUNKINGS



# SLOTTED TRUNKINGS 8/12/8 WITH COVER **SERIES A**

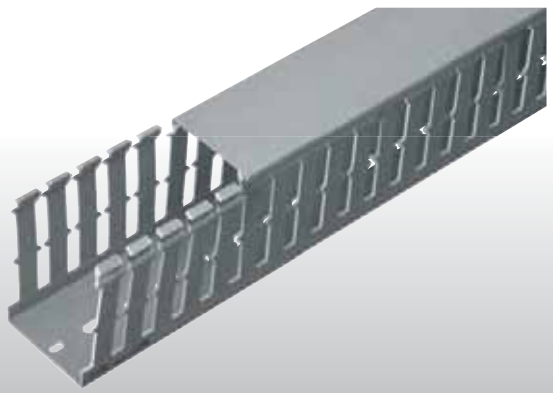
**MAIN TECHNICAL FEATURES:**

- Made of: technopolymer on rigid PVC base, self-extinguishing V0 (UL94).
- **Wide slots 8/12/8.**
- Perforated bottom according to the Standard DIN 43659.
- Standard bar length: 2m.
- Product compliant with the standards EN 50085-1:2005 + A1:2013, EN 50085-2-3:2010, UL 1565 ED.4.
- Packed in strong cardboard boxes suitable for transport and storage.
- Available in white RAL 9001 on request – letter "B" to be added to the item.

CE

GREY RAL 7030

| ITEM | EXTERNAL DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m |
|---|---|---|---|
| **ECA2525** | 25x25 | NO | 100 |
| **ECA2540** | 25x40 | NO | 100 |
| **ECA2560** | 25x60 | NO | 70 |
| **ECA2580** | 25x80 | NO | 56 |
| **ECA4025** | 40x25 | NO | 80 |
| **ECA4040** | 40x40 | NO | 70 |
| **ECA4060** | 40x60 | NO | 56 |
| **ECA4080** | 40x80 | NO | 40 |
| **ECA40100** | 40x100 | NO | 32 |
| **ECA6040** | 60x40 | NO | 50 |
| **ECA6060** | 60x60 | NO | 32 |
| **ECA6080** | 60x80 | NO | 36 |
| **ECA60100** | 60x100 | NO | 24 |
| **ECA8040** | 80x40 | SI (2) | 40 |
| **ECA8060** | 80x60 | SI (2) | 28 |
| **ECA8080** | 80x80 | SI (2) | 30 |
| **ECA80100** | 80x100 | SI (2) | 24 |
| **ECA10040** | 100x40 | SI (2) | 28 |
| **ECA10060** | 100x60 | SI (2) | 20 |
| **ECA10080** | 100x80 | SI (2) | 24 |
| **ECA100100** | 100x100 | SI (2) | 16 |
| **ECA12040** | 120x40 | SI (2) | 24 |
| **ECA12060** | 120x60 | SI (2) | 20 |
| **ECA12080** | 120x80 | SI (2) | 16 |



# SLOTTED TRUNKINGS 8/12/8 WITH COVER **SERIES A**

**MAIN TECHNICAL FEATURES:**

- Made of: technopolymer on rigid PVC base, self-extinguishing V0 (UL94).
- Standard bar length: 2m.
- Product compliant with the standards EN 50085-1:2005 + A1:2013, EN 50085-2-3:2010, UL 1565 ED.4.
- Packed in strong cardboard boxes suitable for transport and storage.
- Available in white RAL 9001 on request – letter "B" to be added to the item.

CE

GREY RAL 7030

## Sectionable separator

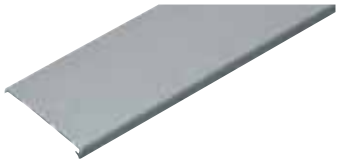
| ITEM | EXTERNAL DIMENSIONS H mm | PACKAGING m |
|---|---|---|
| **ECSESG** | 40/60/80 | 50 |

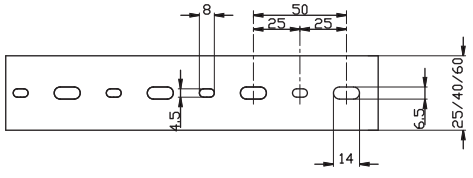
## Spare cover for slotted trunkings

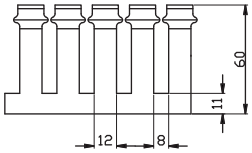
| ITEM | EXTERNAL DIMENSIONS W mm | PACKAGING m |
|---|---|---|
| **ECCR25G** | 25 | 100 |
| **ECCR40G** | 40 | 100 |
| **ECCR60G** | 60 | 100 |
| **ECCR80G** | 80 | 100 |
| **ECCR100G** | 100 | 60 |
| **ECCR120G** | 120 | 80 |

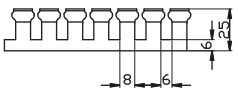
**The 40 mm- wide can serve as insulating cover for the fixing screw if installed in the proper guides on the bottom of the trunkings in the widths 80/100/120mm.**

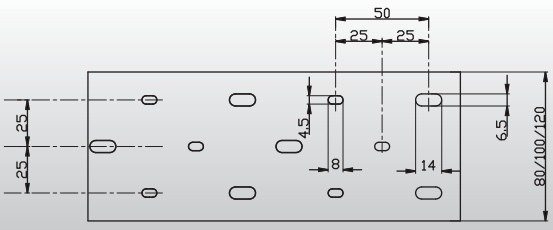


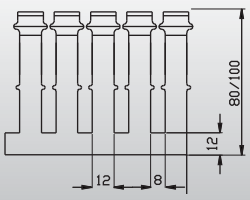


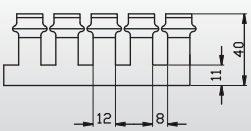


# SLOTTED TRUNKINGS 4/6/4 WITH COVER **SERIE S**

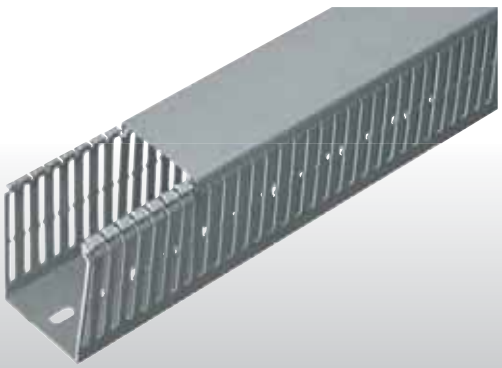
**MAIN TECHNICAL FEATURES:**

- Made of: technopolymer on rigid PVC base, self-extinguishing V0 (UL94).
- **Narrow slots 4/6/4.**
- Perforated bottom according to the Standard DIN 43659.
- Standard bar length: 2m.
- Product compliant with the standards EN 50085-1:2005 + A1:2013, EN 50085-2-3:2010, UL 1565 ED.4.
- Packed in strong cardboard boxes suitable for transport and storage.
- Available in white RAL 9001 on request – letter "B" to be added to the item.

CE

GREY RAL 7030

| ITEM | EXTERNAL DIMENSIONS W x H mm | READY FOR SEPARATOR | PACKAGING m |
|---|---|---|---|
| **ECS2525** | 25x25 | NO | 100 |
| **ECS2540** | 25x40 | NO | 100 |
| **ECS2560** | 25x60 | NO | 70 |
| **ECS2580** | 25x80 | NO | 56 |
| **ECS4025** | 40x25 | NO | 80 |
| **ECS4040** | 40x40 | NO | 70 |
| **ECS4060** | 40x60 | NO | 56 |
| **ECS4080** | 40x80 | NO | 40 |
| **ECS40100** | 40x100 | NO | 32 |
| **ECS6040** | 60x40 | NO | 50 |
| **ECS6060** | 60x60 | NO | 32 |
| **ECS6080** | 60x80 | NO | 36 |
| **ECS60100** | 60x100 | NO | 24 |
| **ECS8040** | 80x40 | YES (2) | 40 |
| **ECS8060** | 80x60 | YES (2) | 28 |
| **ECS8080** | 80x80 | YES (2) | 30 |
| **ECS80100** | 80x100 | YES (2) | 24 |
| **ECS10040** | 100x40 | YES (2) | 28 |
| **ECS10060** | 100x60 | YES (2) | 20 |
| **ECS10080** | 100x80 | YES (2) | 24 |
| **ECS100100** | 100x100 | YES (2) | 16 |
| **ECS12040** | 120x40 | YES (2) | 24 |
| **ECS12060** | 120x60 | YES (2) | 20 |
| **ECS12080** | 120x80 | YES (2) | 16 |



# SLOTTED TRUNKINGS 4/6/4 WITH COVER **SERIE S**

**MAIN TECHNICAL FEATURES:**

- Made of: technopolymer on rigid PVC base, self-extinguishing V0 (UL94).
- Standard bar length: 2m.
- Product compliant with the standards EN 50085-1:2005 + A1:2013, EN 50085-2-3:2010, UL 1565 ED.4.
- Packed in strong cardboard boxes suitable for transport and storage.
- Available in white RAL 9001 on request – letter "B" to be added to the item.

CE

GREY RAL 7030

## Sectionable separator

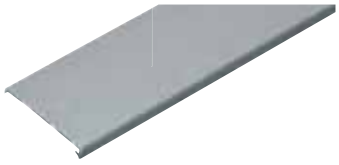
| ITEM | EXTERNAL DIMENSIONS H mm | PACKAGING m |
|---|---|---|
| **ECSESG** | 40/60/80 | 50 |

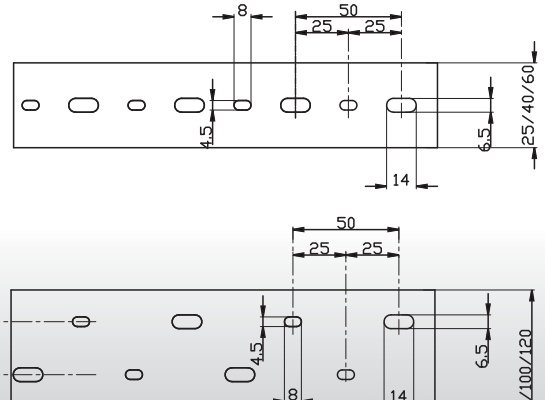
## Spare cover for slotted trunkings

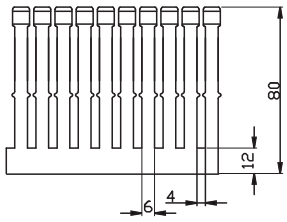
| ITEM | EXTERNAL DIMENSIONS W mm | PACKAGING m |
|---|---|---|
| **ECCR25G** | 25 | 100 |
| **ECCR40G** | 40 | 100 |
| **ECCR60G** | 60 | 100 |
| **ECCR80G** | 80 | 100 |
| **ECCR100G** | 100 | 60 |
| **ECCR120G** | 120 | 80 |

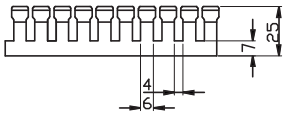
**The 40 mm- wide can serve as insulating cover for the fixing screw if installed in the proper guides on the bottom of the trunkings in the widths 80/100/120mm.**

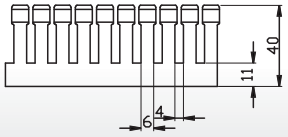


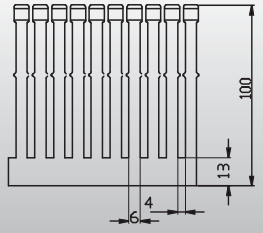


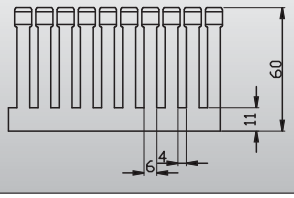


# SLOTTED TRUNKINGS 4/6/4 WITH COVER **SERIE SH**

**MAIN TECHNICAL FEATURES:**

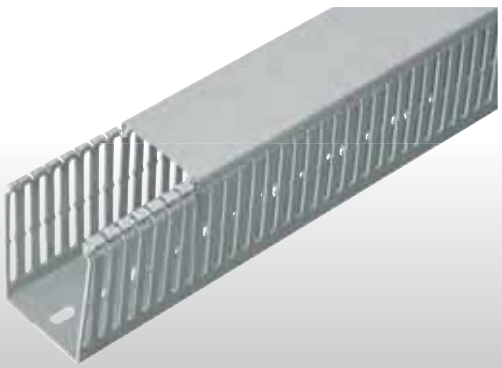
- Made of: halogen free technopolymer according to the Standards EN 50267-2-1, EN 50267-2-2, EN 60754-1, EN 60754-2.
- Emission limits according to the Standards HCl, HBr, HF: <0,1.
- Self-extinguishing according to the Standard UL94 V2 at 1,6mm.
- Resistance to abnormal heat: up to 960° C (Glow Wire Test, Reference Standard IEC 695-2-1).
- Dimensional stability between -25° C +90° C.
- Product compliant with the standards EN 50085-1:2005 + A1:2013, EN 50085-2-3:2010, UL 1565 ED.4.
- **Narrow slot 4/6/4**, perforated bottom according to the Standard DIN 43659, standard bar length: 2m.
- Packed in strong cardboard boxes suitable for transport and storage.

HALOGEN Free

CE

GREY RAL 7035

| ITEM | EXTERNAL DIMENSIONS W x H mm | PACKAGING m |
|---|---|---|
| **ECSH2540** | 25x40 | 100 |
| **ECSH2560** | 25x60 | 70 |
| **ECSH2580** | 25x80 | 56 |
| **ECSH4040** | 40x40 | 70 |
| **ECSH4060** | 40x60 | 56 |
| **ECSH4080** | 40x80 | 40 |
| **ECSH6040** | 60x40 | 50 |
| **ECSH6060** | 60x60 | 32 |
| **ECSH6080** | 60x80 | 36 |
| **ECSH8040** | 80x40 | 40 |
| **ECSH8060** | 80x60 | 28 |
| **ECSH8080** | 80x80 | 30 |
| **ECSH10040** | 100x40 | 28 |
| **ECSH10060** | 100x60 | 20 |
| **ECSH10080** | 100x80 | 24 |
| **ECSH12040** | 120x40 | 24 |
| **ECSH12060** | 120x60 | 20 |
| **ECSH12080** | 120x80 | 16 |



# SLOTTED TRUNKINGS 4/6/4 WITH COVER **SERIE SH**

HALOGEN Free

**MAIN TECHNICAL FEATURES:**

- Made of: halogen free technopolymer according to the Standards EN 50267-2-1, EN 50267-2-2, EN 60754-1, EN 60754-2.
- Emission limits according to the Standards HCl, HBr, HF: <0,1.
- Self-extinguishing according to the Standard UL94 V2 at 1,6mm.
- Resistance to abnormal heat: up to 960° C (Glow Wire Test, Reference Standard IEC 695-2-1).
- Dimensional stability between -25° C +90° C.
- Product compliant with the standards EN 50085-1:2005 + A1:2013, EN 50085-2-3:2010, UL 1565 ED.4.
- Packed in strong cardboard boxes suitable for transport and storage.

CE

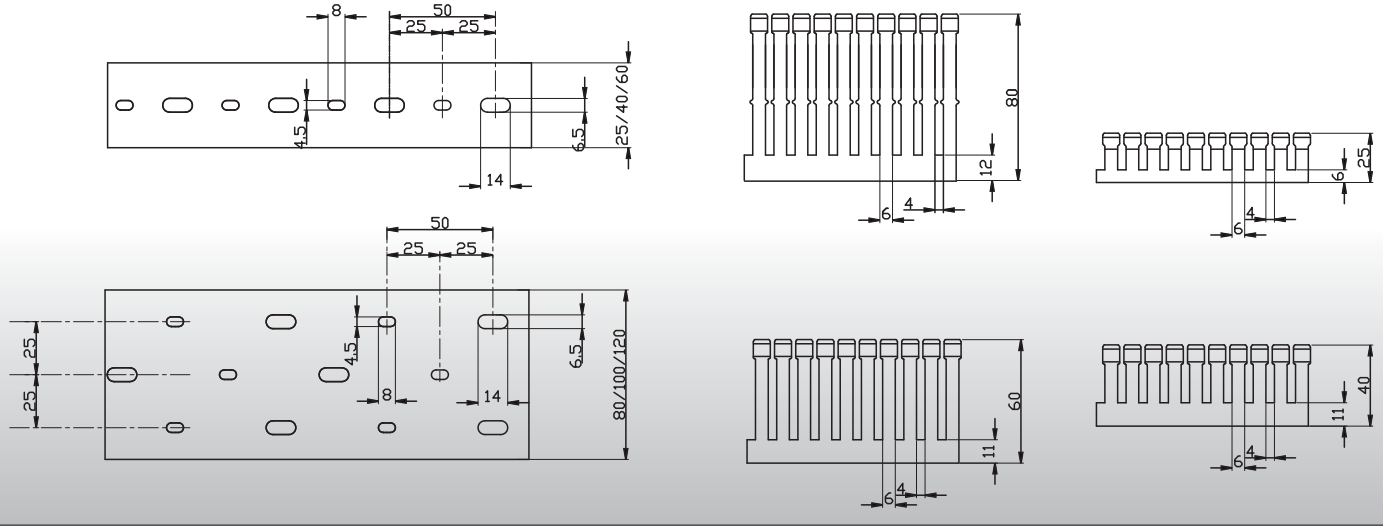
GREY RAL 7035

## Spare cover for slotted trunkings

| ITEM | EXTERNAL DIMENSIONS W mm | PACKAGING m |
|---|---|---|
| **ECCR25HG** | 25 | 100 |
| **ECCR40HG** | 40 | 100 |
| **ECCR60HG** | 60 | 100 |
| **ECCR80HG** | 80 | 100 |
| **ECCR100HG** | 100 | 60 |
| **ECCR120HG** | 120 | 80 |

**The 40 mm- wide can serve as insulating cover for the fixing screw if installed in the proper guides on the bottom of the trunkings in the widths 80/100/120mm.**





# CABLE RETAINERS / RAILS DIN EN 50022 / CUTTING MACHINE

**MAIN TECHNICAL FEATURES CABLE RETAINERS:**

- Made of: rigid nylon.
- Prevent cables from falling off during the installation
- Retainers can be fixed to the trunkings by screws.
- Can be used both in the cable trunkings and the slotted trunkings.
- Packed in strong cardboard boxes suitable for transport and storage.

CE

GREY RAL 7035

## Cable retainers

| ITEM | TRUNKING DIMENSIONS mm | DESCRIPTION | PACKAGING PIECES |
|---|---|---|---|
| **ECCO4040** | 40x40 | CABLE RETAINERS | 5/25 |
| **ECCO4060** | 40x60 | CABLE RETAINERS | 5/25 |
| **ECCO4080** | 40x80 | CABLE RETAINERS | 5/25 |
| **ECCO40100** | 40x100 | CABLE RETAINERS | 5/25 |
| **ECCO6040** | 60x40 | CABLE RETAINERS | 5/25 |
| **ECC06060** | 60x60 | CABLE RETAINERS | 5/25 |
| **ECCO6080** | 60x80 | CABLE RETAINERS | 5/25 |
| **ECCO60100** | 60x100 | CABLE RETAINERS | 5/25 |
| **ECCO8040** | 80x40 | CABLE RETAINERS | 5/25 |
| **ECCO8060** | 80x60 | CABLE RETAINERS | 5/25 |
| **ECCO8080** | 80x80 | CABLE RETAINERS | 5/25 |
| **ECCO80100** | 80x100 | CABLE RETAINERS | 5/25 |
| **ECCO10040** | 100x40 | CABLE RETAINERS | 5/25 |
| **ECCO10060** | 100x60 | CABLE RETAINERS | 5/25 |
| **ECCO10080** | 100x80 | CABLE RETAINERS | 5/25 |
| **ECCO100100** | 100x100 | CABLE RETAINERS | 5/25 |
| **ECCO12040** | 120x40 | CABLE RETAINERS | 5/25 |
| **ECCO12060** | 120x60 | CABLE RETAINERS | 5/25 |
| **ECCO12080** | 120x80 | CABLE RETAINERS | 5/25 |

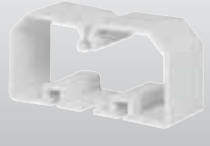
## Rails DIN EN 50022

| ITEM | LENGHT m | DESCRIPTION TYPE | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC460** | 2 | BLANK DIN RAIL | 35x7,5x1 | 20 |
| **EC460F** | 2 | PERFORATED DIN RAIL | 35x7,5x1 | 20 |
| **EC46015** | 2 | BLANK DIN RAIL | 35x15x1,5 | 10 |

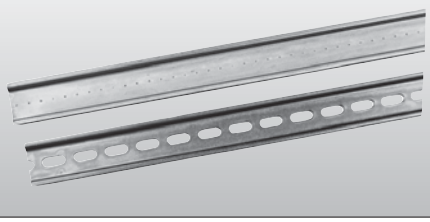
## Hand cutting machine for slotted trunkings

| ITEM | DESCRIPTION | CUT DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **ECADC** | HAND CUTTING MACHINE | W = 125 - H = 120 | 1 |

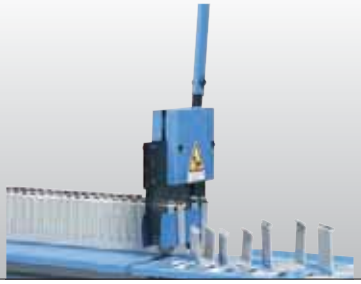
The cutting machine consists of a manually operated blade through a lever that cuts channels, lids and the like of plastic material. Suitable for both types of channel A or S with wide or narrow pitch. Minimum width 25 mm, maximum 125 mm, maximum height 120 mm. The cutting machine must be firmly attached to an appropriate work table. Weight 7 Kg. Dimensions 1450x950x260 mm - Blade dimensions: 180x150x2 mm.



**ECC0**



**EC460**



**ECADC**

# PRE-CUT TRUNKING **SERIES P** / FLEXIBLE SLOTTED TRUNKINGS **SERIES 234**

**MAIN TECHNICAL FEATURES OF THE PRE-CUT TRUNKING:**

- Made of: technopolymer on rigid PVC base, self-extinguishing V0 (UL94).
- Alternating holes for conduit diameters 18 mm and 23 mm.
- Perforated bottom for a quick installation, standard bar length: 2m.

**MAIN TECHNICAL FEATURES OF THE FLEXIBLE SLOTTED TRUNKING:**

- Made of: technopolymer on rigid PP base, self-extinguishing V2 (UL94).
- Perforated bottom for screw fixing or with adhesive tape.
- **Slots 7,5/5/7,5** - Standard lenght: 500 mm.

CE

GREY RAL 7030

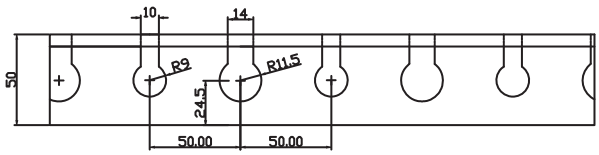
## Pre-cut trunking for conduits Series P

| ITEM | EXTERNAL DIMENSIONS W x H mm | PACKAGING m |
|---|---|---|
| **ECP5050** | Trunking and cover 50x50 | 24 |
| **ECP7550** | Trunking and cover 75x50 | 40 |

## Flexible slotted trunkings Series 234

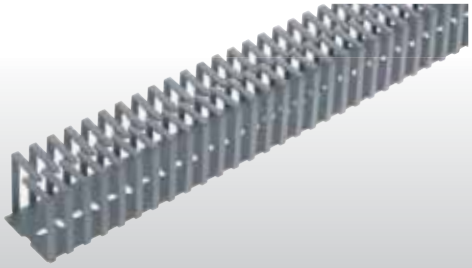
| ITEM | | EXTERNAL DIMENSIONS W x H mm | PACKAGING PIECES |
|---|---|---|---|
| SCREW | ADHESIVE | | |
| **EC23401** | **EC23411** | 12,5x12,5x500 | 112 |
| **EC23402** | **EC23412** | 16x16x500 | 84 |
| **EC23403** | **EC23413** | 20x20x500 | 112 |
| **EC23404** | **EC23414** | 25x25x500 | 70 |
| **EC23405** | **EC23415** | 30x30x500 | 50 |
| **EC23406** | **EC23416** | 40x40x500 | 50 |
| **EC23407** | **EC23417** | 50x50x500 | 32 |

**PRECUTTING OF THE TRUNKINGS P5050-P7550**






**ECP**



**EC234**

## SPIRAL WRAP SERIES P / PN / PA **SERIES P / PN / PA**

**MAIN TECHNICAL FEATURES:**

- Made of: standard or self-extinguishing polyethylene.
- To be used in the electrical cabinets.
- Recommended use: to group and lead the cables.
- Available colours: transparent, black, white (self-extinguishing).

CE

## Transparent polyethylene spiral wrap Series P

| ITEM | INTERNAL DIAMETER mm | EXTERNAL DIAMETER mm | COIL LENGHT PACKAGING m |
|---|---|---|---|
| **ECP1,5** | 1,5 | 3 | 25/500 |
| **ECP03** | 3 | 5 | 25/500 |
| **ECP04** | 4 | 6 | 25/500 |
| **ECP06** | 6 | 8 | 25/300 |
| **ECP08** | 8 | 10 | 25/200 |
| **ECP10** | 10 | 12 | 25/150 |
| **ECP12** | 12 | 14 | 20/120 |
| **ECP14** | 14 | 16 | 20/100 |

## Black polyethylene spiral wrap Series PN

| ITEM | INTERNAL DIAMETER mm | EXTERNAL DIAMETER mm | COIL LENGHT PACKAGING m |
|---|---|---|---|
| **ECPN1,5** | 1,5 | 3 | 25/500 |
| **ECPN03** | 3 | 5 | 25/500 |
| **ECPN04** | 4 | 6 | 25/500 |
| **ECPN06** | 6 | 8 | 25/300 |
| **ECPN08** | 8 | 10 | 25/200 |
| **ECPN10** | 10 | 12 | 25/150 |
| **ECPN12** | 12 | 14 | 20/120 |
| **ECPN14** | 14 | 16 | 20/100 |

## Self-extinguishing white polyethylene spiral wrap Series PA

| ITEM | INTERNAL DIAMETER mm | EXTERNAL DIAMETER mm | COIL LENGHT PACKAGING m |
|---|---|---|---|
| **ECPA1,5** | 1,5 | 3 | 25/500 |
| **ECPA03** | 3 | 5 | 25/500 |
| **ECPA04** | 4 | 6 | 25/500 |
| **ECPA06** | 6 | 8 | 25/300 |
| **ECPA08** | 8 | 10 | 25/200 |
| **ECPA10** | 10 | 12 | 25/150 |
| **ECPA12** | 12 | 14 | 20/120 |
| **ECPA14** | 14 | 16 | 20/100 |



## USABLE AREA OF THE SLOTTED TRUNKINGS SERIES A AND S

| ITEM | DESCRIPTION | SECTION | CABLE TYPE HO7-U/R/K mm² | | |
|---|---|---|---|---|---|
| | | mm² | 1 | 1,5 | 2,5 |
| ECA2525 - ECS2525 | Slotted trunking with cover dim. 25x25 mm | 480 | 46 | 34 | 24 |
| ECA2540 - ECS2540 | Slotted trunking with cover dim. 25x40 mm | 760 | 72 | 54 | 38 |
| ECA2560 - ECS2560 | Slotted trunking with cover dim. 25x60 mm | 1100 | 105 | 79 | 55 |
| ECA2580 - ECS2580 | Slotted trunking with cover dim. 25x80 mm | 1520 | 145 | 109 | 76 |
| ECA4025 - ECS4025 | Slotted trunking with cover dim. 40x25 mm | 752 | 72 | 54 | 38 |
| ECA4040 - ECS4040 | Slotted trunking with cover dim. 40x40 mm | 1214 | 116 | 87 | 61 |
| ECA4060 - ECS4060 | Slotted trunking with cover dim. 40x60 mm | 1950 | 186 | 139 | 98 |
| ECA4080 - ECS4080 | Slotted trunking with cover dim. 40x80 mm | 2530 | 241 | 181 | 127 |
| ECA40100 - ECS40100 | Slotted trunking with cover dim. 40x100 mm | 3110 | 296 | 222 | 156 |
| ECA6040 - ECS6040 | Slotted trunking with cover dim. 60x40 mm | 1930 | 184 | 138 | 97 |
| ECA6060 - ECS6060 | Slotted trunking with cover dim. 60x60 mm | 3046 | 290 | 218 | 152 |
| ECA6080 - ECS6080 | Slotted trunking with cover dim. 60x80 mm | 4215 | 401 | 301 | 211 |
| ECA60100 - ECS60100 | Slotted trunking with cover dim. 60x100 mm | 5332 | 508 | 381 | 267 |
| ECA8040 - ECS8040 | Slotted trunking with cover dim. 80x40 mm | 2530 | 241 | 181 | 127 |
| ECA8060 - ECS8060 | Slotted trunking with cover dim. 80x60 mm | 4202 | 400 | 300 | 210 |
| ECA8080 - ECS8080 | Slotted trunking with cover dim. 80x80 mm | 5620 | 535 | 401 | 281 |
| ECA80100 - ECS80100 | Slotted trunking with cover dim. 80x100 mm | 7064 | 673 | 505 | 353 |
| ECA10040 - ECS10040 | Slotted trunking with cover dim. 100x40 mm | 3316 | 316 | 237 | 166 |
| ECA10060 - ECS10060 | Slotted trunking with cover dim. 100x60 mm | 5236 | 499 | 374 | 262 |
| ECA10080 - ECS10080 | Slotted trunking with cover dim. 100x80 mm | 7156 | 682 | 511 | 358 |
| ECA100100 - ECS100100 | Slotted trunking with cover dim. 100x100 mm | 8980 | 855 | 641 | 449 |
| ECA12040 - ECS12040 | Slotted trunking with cover dim. 120x40 mm | 4040 | 385 | 289 | 202 |
| ECA12060 - ECS12060 | Slotted trunking with cover dim. 120x60 mm | 6340 | 604 | 453 | 317 |
| ECA12080 - ECS12080 | Slotted trunking with cover dim. 120x80 mm | 8640 | 823 | 617 | 432 |

## USABLE AREA OF THE SLOTTED TRUNKINGS SERIES SH

| ITEM | DESCRIPTION | SECTION | CABLE TYPE HO7-U/R/K mm² | | |
|---|---|---|---|---|---|
| | | mm² | 1 | 1,5 | 2,5 |
| ECSH2540 | Slotted trunking with cover dim. 25x40 mm | 760 | 72 | 54 | 38 |
| ECSH2560 | Slotted trunking with cover dim. 25x60 mm | 1100 | 105 | 79 | 55 |
| ECSH2580 | Slotted trunking with cover dim. 25x80 mm | 1520 | 145 | 109 | 76 |
| ECSH4040 | Slotted trunking with cover dim. 40x40 mm | 1214 | 116 | 87 | 61 |
| ECSH4060 | Slotted trunking with cover dim. 40x60 mm | 1950 | 186 | 139 | 98 |
| ECSH4080 | Slotted trunking with cover dim. 40x80 mm | 2530 | 241 | 181 | 127 |
| CSH6040 | Slotted trunking with cover dim. 60x40 mm | 1930 | 184 | 138 | 97 |
| ECSH6060 | Slotted trunking with cover dim. 60x60 mm | 3046 | 290 | 218 | 152 |
| ECSH6080 | Slotted trunking with cover dim. 60x80 mm | 4215 | 401 | 301 | 211 |
| ECSH8040 | Slotted trunking with cover dim. 80x40 mm | 2530 | 241 | 181 | 127 |
| ECSH8060 | Slotted trunking with cover dim. 80x60 mm | 4202 | 400 | 300 | 210 |
| ECSH8080 | Slotted trunking with cover dim. 80x80 mm | 5620 | 535 | 401 | 281 |
| ECSH10040 | Slotted trunking with cover dim. 100x40 mm | 3316 | 316 | 237 | 166 |
| ECSH10060 | Slotted trunking with cover dim. 100x60 mm | 5236 | 499 | 374 | 262 |
| ECSH10080 | Slotted trunking with cover dim. 100x80 mm | 7156 | 682 | 511 | 358 |
| ECSH12040 | Slotted trunking with cover dim. 120x40 mm | 4040 | 385 | 289 | 202 |
| ECSH12060 | Slotted trunking with cover dim. 120x60 mm | 6340 | 604 | 453 | 317 |
| ECSH12080 | Slotted trunking with cover dim. 120x80 mm | 8640 | 823 | 617 | 432 |

The slotted trunkings are supplied in the standard length of 2 mt ± 5 mm.

# INDUSTRIAL PLUGS AND SOCKETS



1

## MAIN TECHNICAL FEATURES

Material: made of polyamide tecnopolymer with high resistance to UV rays for plastics parts, copper-zinc alloy with high electric capacity for contacts, beryllium copper alloy for the contacts of the sockets to 63 and 125A with lamellar springs system for optimal contact (minimum 10 points of contact).
Halogen free: plastic materials resistant to acidic and basic chemicals free from Cadmium and halogens.
Nickel-plated contacts for excellent abrasion resistance and corrosion applications in aggressive environments (eg marine environment, acid fumes, zootechnics, cheese factories) on 63 and 125A.
Snap-in assembly and cable retainer system without screws: save time.
Open connection contacts: fast wiring.
Shock resistance: IK08 (up to 5J).
Protection degree IP44 or IP67.
Resistance to abnormal heat: up to 650/850 °C (Glow Wire Test, Reference Standard IEC 60695-2-11).
Operating temperature: minimum –25°, maximum +40° C according EN 60309 Standard.
ELETTROCANALI plugs and sockets can operate with maximum temperature of +80 ° C (+100 ° C for 1 hour).
Supplementary pilot contact to make the electrical interlock on models with nominal current of 63 and 125A.
Reference standards: EN 60309-1, EN 60309-2, EN 60309-4, EN 60529, EN 50102, EN 60947-3.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Quick assembly
straight plugs
Phase inverter
page 130



Quick assembly mobile
straight sockets
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Panel mounting
sockets
page 136



Wall mounting inclined
box plugs
page 138



Wall mounting
inclined straight box
sockets
page 140



Interlocked horizontal
sockets without fuse holder
- without wall base
- with wall base
page 144



Interlocked horizontal
sockets with fuse holder
- without wall base
- with wall base
page 146



Interlocked vertical
sockets without
fuse holder
- without wall base
- with wall base
page 148



Interlocked vertical
sockets with fuse
holder
- without wall base
- with wall base
page 150



Multipliers
Systems adaptors
page 156

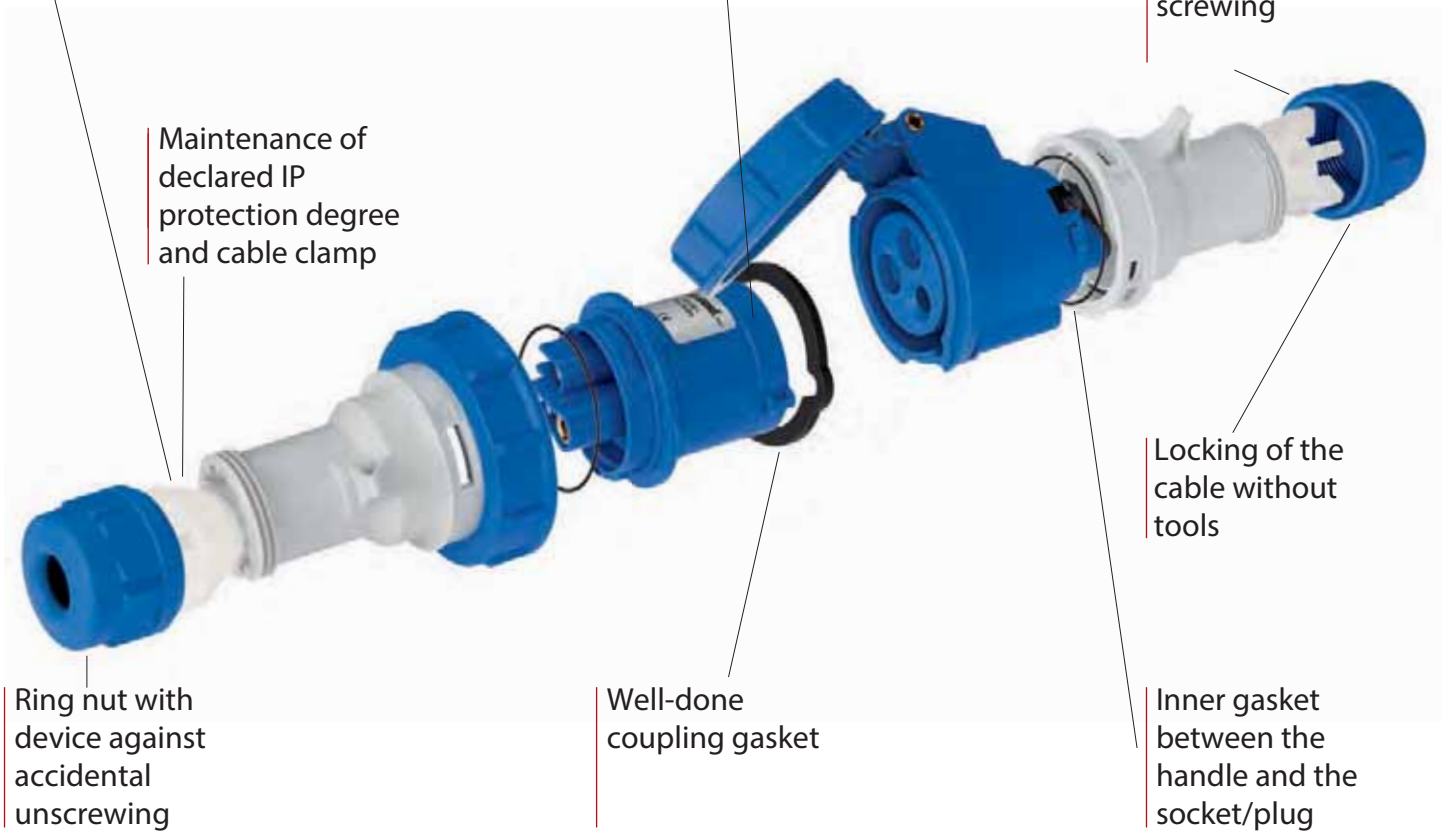


Switches
disconnectors
page 158



Wall mounting
emergency push-
button
page 163

# MAIN TECHNICAL FEATURES




The sockets and the plugs of the Series 690 are very quick to open, cable and closed thanks to their ergonomical design combined with some up-dated technical solutions.
They are entirely made up of UV-resistant self-extinguishing 6 polyamide and are particularly suitable for outdoor uses thanks to their high resistance to compression, shocks and crushes that can occur, for example, on construction sites.

The contacts are made of brass alloy with high conductivity of 15 m / (Ohm $mm^2$) and the conductive parts of the 63A/125A sockets have got a spring device made up of copper-beryllium alloy which guarantees a better contact and prevents from corrosion.
The IP protection degree and the the cable locking are carried out through the tulip-shaped one-piece device made of two different types of polymer, which are co-moulded: it is simply necessary to insert the cable and tighten the nut until it locks.
The cable gland is characterized by a special unscrewing device that prevents any accidental release of the clamp; besides it doesn't get lost during the wiring operations.

# MAIN TECHNICAL FEATURES

The open/closed positions are indicated on the plug or socket with reference to the handle



The locking and unlocking occur max in 30 ° and are clearly indicated by the references

Effective and reliable locking and unlocking system



To close the socket or plug just turn the handle, use a screwdriver to open it again

The terminal screws are oriented in the same direction for fast wiring



The terminal screws can be are tightened with any screwdriver

The peculiarity of the sockets and plugs of the Series 690 is given by the fact they can be assembled in a simple reliable quick way.
The bodies of plugs and sockets have two engraved arrows indicating open/closed position. These arrows must be placed in correspondence with the reference placed on the handle to determine its location.

In this way the plug/socket can be easily closed thanks to the reference simply by a 30° rotation. The proper reference and the click of the gland indicate that the plug/sockets is closed.
The terminal screws are not tightened, the insertion of the wires is instant, simple and easy, thanks to the large free space and the absence of devices in front of the terminals.

Thanks to the fact that all the screws are oriented in the same direction thay can be immediately tightened wthout turning the plug/socket.
The plug/socket can be opened simply by unocking the clamp on the handle by a proper tool and rotating the handle by 30°.

# mounting examples







# QUICK ASSEMBLY STRAIGHT PLUGS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Straight industrial plugs according to the Standard EN 60309.
- In currents of 16 and 32 A.
- Protection degree IP44.
- Fast assembly without tools, screw terminals.
- Resistance to chimical or atmosperic agents.

CE

**IP44**

## Quick assembly straight plugs - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69470** | | 2P | 20-25 V~ | without reference | 10/80 |
| **EC69471** | | 3P | 20-25 V~ | without reference | 10/80 |
| **EC69170** | | 2P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69171** | | 3P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69070** | | 2P+⏚ | 200-250 V~ | 6 | 10/80 |
| **EC69270** | | 3P+⏚ | 200-250 V~ | 9 | 10/80 |
| **EC69271** | | 3P+N+⏚ | 208-250 V~ | 9 | 10/80 |
| **EC69072** | | 3P+⏚ | 380-415 V~ | 6 | 10/80 |
| **EC69074** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/80 |

## Quick assembly straight plugs - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69172** | | 2P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69173** | | 3P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69272** | | 2P+⏚ | 200-250 V~ | 6 | 10/80 |
| **EC69273** | | 3P+⏚ | 200-250 V~ | 9 | 10/80 |
| **EC69076** | | 3P+⏚ | 380-415 V~ | 6 | 10/80 |
| **EC69078** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/60 |



**EC69170**



**EC69070**



**EC69072**

# QUICK ASSEMBLY STRAIGHT PLUGS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Straight industrial plugs according to the Standard EN 60309.
- In currents of 16, 32, 63 and 125 A.
- Protection degree IP67.
- Fast assembly without tools, screw terminals.
- Resistance to chimical or atmosperic agents.

CE

**IP67**

## Quick assembly straight plugs - EN 60309 - In 16A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69472*** | | 2P | 20-25V~ | without reference | 10/80 |
| **EC69473*** | | 3P | 20-25V~ | without reference | 10/60 |
| **EC69174** | | 2P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69175** | | 3P+⏚ | 100-130 V~ | 4 | 10/60 |
| **EC69071** | | 2P+⏚ | 200-250 V~ | 6 | 10/80 |
| **EC69274** | | 3P+⏚ | 200-250 V~ | 9 | 10/60 |
| **EC69275** | | 3P+N+⏚ | 208-250 V~ | 9 | 10/40 |
| **EC69073** | | 3P+⏚ | 380-415 V~ | 6 | 10/60 |
| **EC69075** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/60 |

## Quick assembly straight plugs - EN 60309 - In 32A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69176** | | 2P+⏚ | 100-130 V~ | 4 | 10/40 |
| **EC69177** | | 3P+⏚ | 100-130 V~ | 4 | 10/40 |
| **EC69276** | | 2P+⏚ | 200-250 V~ | 6 | 10/40 |
| **EC69277** | | 3P+⏚ | 200-250 V~ | 9 | 10/40 |
| **EC69077** | | 3P+⏚ | 380-415 V~ | 6 | 10/40 |
| **EC69079** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/40 |

## Quick assembly straight plugs - EN 60309 - In 63A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69278** | | 2P+⏚ | 200-250 V~ | 6 | 2/16 |
| **EC69279** | | 3P+⏚ | 200-250 V~ | 9 | 2/16 |
| **EC69370** | | 3P+⏚ | 380-415 V~ | 6 | 2/16 |
| **EC69371** | | 3P+N+⏚ | 346-415 V~ | 6 | 2/16 |

## Quick assembly straight plugs - EN 60309 - In 125A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69671** | | 2P+⏚ | 200-250 V~ | 6 | 2/8 |
| **EC69674** | | 3P+⏚ | 200-250 V~ | 9 | 2/8 |
| **EC69673** | | 3P+⏚ | 380-415 V~ | 6 | 2/8 |
| **EC69675** | | 3P+N+⏚ | 346-415 V~ | 6 | 2/8 |

*** item available on request**



**EC69174**



**EC69071**

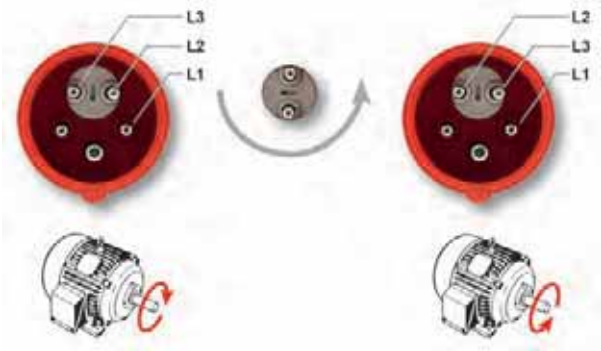


**EC69073**

# PHASE INVERTER PLUGS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Phase inverter industrial plugs according to the Standard EN 60309.
- Phase reversing device with screwdriver drive.
- In currents of 16, 32, 63 and 125 A.
- Protection degree IP44/ IP67.
- Fast assembly without tools, screw terminals.
- Resistance to chimical or atmosperic agents.




CE

**IP44**
**IP67**

## Phase inverter plugs - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69072P** | ■ | 3P+⏚ | 380-415 V~ | 6 | 10 |
| **EC69074P** | ■ | 3P+N+⏚ | 346-415 V~ | 6 | 10 |

## Phase inverter plugs - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69076P** | ■ | 3P+⏚ | 380-415 V~ | 6 | 10 |
| **EC69078P** | ■ | 3P+N+⏚ | 346-415 V~ | 6 | 10 |

## Phase inverter plugs - EN 60309 - In 16A - IP67

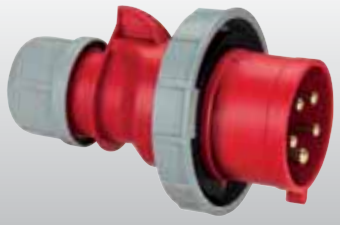
| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69073P** | ■ | 3P+⏚ | 380-415 V~ | 6 | 10 |
| **EC69075P** | ■ | 3P+N+⏚ | 346-415 V~ | 6 | 10 |

## Phase inverter plugs - EN 60309 - In 32A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69077P** | ■ | 3P+⏚ | 380-415 V~ | 6 | 10 |
| **EC69079P** | ■ | 3P+N+⏚ | 346-415 V~ | 6 | 10 |



**EC69074P**



**EC69075P**

# SOLID RUBBER PLUGS AND SOCKETS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Solid rubber plugs and sockets for severe conditions.
- Austrian/German and Belgian/French Systems.
- Black colour.
- In currents of 16 A.
- Protection degree IP20/ IP44.
- Fast assembly without tools, screw terminals.
- Resistance to chimical or atmosperic agents.

CE

**IP20**
**IP44**

## Solid rubber plugs - german system - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | TYPE | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6902D** | ■ | 2P+⏚ | 200-250 V~ | 90° Angled plug | 20 |
| **EC6903D** | ■ | 2P+⏚ | 200-250 V~ | Straight plug | 20 |

## Solid rubber plugs - french system - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | TYPE | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6902F** | ■ | 2P+⏚ | 200-250 V~ | 90° Angled plug | 20 |
| **EC6903F** | ■ | 2P+⏚ | 200-250 V~ | Straight plug | 20 |

## Solid rubber sockets - german system - In 16A - IP20 / IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | TYPE | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6906D** | ■ | 2P+⏚ | 200-250 V~ | IP20 | 20 |
| **EC6907D** | ■ | 2P+⏚ | 200-250 V~ | IP44 (with cap) | 20 |

## Solid rubber sockets - french system - In 16A - IP20 / IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | TYPE | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6906F** | ■ | 2P+⏚ | 200-250 V~ | IP20 | 20 |
| **EC6907F** | ■ | 2P+⏚ | 200-250 V~ | IP44 (with cap) | 20 |



**EC6902D**



**EC6903D**



**EC6906D**



**EC6907D**

# QUICK ASSEMBLY STRAIGHT SOCKETS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Straight industrial plugs according to the Standard EN 60309.
- In currents of 16 and 32 A.
- Protection degree IP44.
- Stainless steel springs for lid closing.
- Fast assembly without tools.
- Screw terminals.
- Resistance to chemical or atmospheric agents.

CE

**IP44**

## Quick assembly straight sockets - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69480** | | 2P | 20-25 V~ | without reference | 10/80 |
| **EC69481** | | 3P | 20-25 V~ | without reference | 10/80 |
| **EC69180** | | 2P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69181** | | 3P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69080** | | 2P+⏚ | 200-250 V~ | 6 | 10/80 |
| **EC69280** | | 3P+⏚ | 200-250 V~ | 9 | 10/80 |
| **EC69281** | | 3P+N+⏚ | 208-250 V~ | 9 | 10/80 |
| **EC69082** | | 3P+⏚ | 380-415 V~ | 6 | 10/80 |
| **EC69084** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/80 |

## Quick assembly straight sockets - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69182** | | 2P+⏚ | 100-130 V~ | 4 | 10/60 |
| **EC69183** | | 3P+⏚ | 100-130 V~ | 4 | 10/60 |
| **EC69282** | | 2P+⏚ | 200-250 V~ | 6 | 10/60 |
| **EC69283** | | 3P+⏚ | 200-250 V~ | 9 | 10/60 |
| **EC69086** | | 3P+⏚ | 380-415 V~ | 6 | 10/60 |
| **EC69088** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/40 |



**EC69180**



**EC69080**



**EC69082**

# QUICK ASSEMBLY STRAIGHT SOCKETS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Straight industrial plugs according to the Standard EN 60309.
- In currents of 16, 32, 63 and 125 A.
- Protection degree IP67.
- Stainless steel springs for lid closing.
- Fast assembly without tools.
- Screw terminals.
- Resistance to chemical or atmospheric agents.

CE

**IP67**

## Quick assembly straight sockets - EN 60309 - In 16A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69482*** | | 2P | 20-25V~ | without reference | 10/80 |
| **EC69483*** | | 3P | 20-25V~ | without reference | 10/60 |
| **EC69184** | | 2P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69185** | | 3P+⏚ | 100-130 V~ | 4 | 10/60 |
| **EC69081** | | 2P+⏚ | 200-250 V~ | 6 | 10/80 |
| **EC69284** | | 3P+⏚ | 200-250 V~ | 9 | 10/60 |
| **EC69285** | | 3P+N+⏚ | 208-250 V~ | 9 | 10/40 |
| **EC69083** | | 3P+⏚ | 380-415 V~ | 6 | 10/60 |
| **EC69085** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/40 |

## Quick assembly straight sockets - EN 60309 - In 32A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69186** | | 2P+⏚ | 100-130 V~ | 4 | 10/60 |
| **EC69187** | | 3P+⏚ | 100-130 V~ | 4 | 10/60 |
| **EC69286** | | 2P+⏚ | 200-250 V~ | 6 | 10/60 |
| **EC69287** | | 3P+⏚ | 200-250 V~ | 9 | 10/60 |
| **EC69087** | | 3P+⏚ | 380-415 V~ | 6 | 10/40 |
| **EC69089** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/40 |

## Quick assembly straight sockets - EN 60309 - In 63A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69288** | | 2P+⏚ | 200-250 V~ | 6 | 2/16 |
| **EC69289** | | 3P+⏚ | 200-250 V~ | 9 | 2/16 |
| **EC69380** | | 3P+⏚ | 380-415 V~ | 6 | 2/16 |
| **EC69381** | | 3P+N+⏚ | 346-415 V~ | 6 | 2/16 |

## Quick assembly straight sockets - EN 60309 - In 125A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69681** | | 2P+⏚ | 200-250 V~ | 6 | 2/8 |
| **EC69684** | | 3P+⏚ | 200-250 V~ | 9 | 2/8 |
| **EC69683** | | 3P+⏚ | 380-415 V~ | 6 | 2/8 |
| **EC69685** | | 3P+N+⏚ | 346-415 V~ | 6 | 2/8 |

*** item available on request**



**EC69186**



**EC69286**



**EC69087**

# PANEL MOUNTING INCLINED SOCKETS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial sockets according to the Standard EN 60309.
- In currents of 16 and 32 A.
- Protection degree IP44.
- Resistance to chemical or atmospheric agents.
- Stainless steel springs for lid closing.
- Gaskets included
- It is recommended fixing with self-tapping screws 3.5 x16 or 4x20 (not included).

CE

**IP44**

## Sockets on support with door - centre hole distance 60x60 mm, In 10/16A - IP55 (with closed door)

| ITEM | TYPE | POLES | NOMINAL VOLTAGE | STANDARD | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69056** | | 2P+⏚ | 200-250 V~ | SCHUKO/ITALIAN | 1/30 |
| **EC69056F** | | 2P+⏚ | 200-250 V~ | FRENCH | 1/30 |
| **EC69057** | | EMPTY BOX | 200-250 V~ | FOR GW TYPE | 1/30 |

## Straight panel mounting sockets - In 16A - IP54 - Flange 50x50 mm (co-moulded gasket)

| ITEM | TYPE | POLES | NOMINAL VOLTAGE | STANDARD | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC690514** | | 2P+⏚ | 200-250 V~ | FRENCH | 100 |
| **EC690515** | | 2P+⏚ | 200-250 V~ | GERMAN | 100 |

## 20° inclined panel mounting sockets - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69400** | | 2P | 20-25 V~ | without reference | 10/80 |
| **EC69401** | | 3P | 20-25 V~ | without reference | 10/80 |
| **EC69100** | | 2P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69101** | | 3P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69050** | | 2P+⏚ | 200-250 V~ | 6 | 10/80 |
| **EC69250** | | 3P+⏚ | 200-250 V~ | 9 | 10/80 |
| **EC69251** | | 3P+N+⏚ | 208-250 V~ | 9 | 10/60 |
| **EC69052** | | 3P+⏚ | 380-415 V~ | 6 | 10/80 |
| **EC69054** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/60 |

## 20° inclined panel mounting sockets - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69102** | | 2P+⏚ | 100-130 V~ | 4 | 10/60 |
| **EC69103** | | 3P+⏚ | 100-130 V~ | 4 | 10/60 |
| **EC69252** | | 2P+⏚ | 200-250 V~ | 6 | 10/60 |
| **EC69253** | | 3P+⏚ | 200-250 V~ | 9 | 10/60 |
| **EC69060** | | 3P+⏚ | 380-415 V~ | 6 | 10/60 |
| **EC69061** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/60 |



**EC69056**



**EC690514**



**EC69100**



**EC69050**



**EC69052**

# PANEL MOUNTING INCLINED SOCKETS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial sockets according to the Standard EN 60309.
- In currents of 16, 32, 63 and 125 A.
- Protection degree IP67.
- Resistance to chemical or atmospheric agents.
- Stainless steel springs for lid closing.
- Gaskets included
- It is recommended fixing with self-tapping screws 3.5 x16 or 4x20 (not included).

CE

**IP67**

## 20° inclined panel mounting sockets - EN 60309 - In 16A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69402*** | | 2P | 20-25V~ | without reference | 10/80 |
| **EC69403*** | | 3P | 20-25V~ | without reference | 10/80 |
| **EC69104** | | 2P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69105** | | 3P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69051** | | 2P+⏚ | 200-250 V~ | 6 | 10/80 |
| **EC69254** | | 3P+⏚ | 200-250 V~ | 9 | 10/80 |
| **EC69255** | | 3P+N+⏚ | 208-250 V~ | 9 | 10/60 |
| **EC69053** | | 3P+⏚ | 380-415 V~ | 6 | 10/80 |
| **EC69055** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/60 |

## 20° inclined panel mounting sockets - EN 60309 - In 32A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69106** | | 2P+⏚ | 100-130 V~ | 4 | 10/80 |
| **EC69107** | | 3P+⏚ | 100-130 V~ | 4 | 10/60 |
| **EC69256** | | 2P+⏚ | 200-250 V~ | 6 | 10/80 |
| **EC69257** | | 3P+⏚ | 200-250 V~ | 9 | 10/60 |
| **EC69058** | | 3P+⏚ | 380-415 V~ | 6 | 10/40 |
| **EC69059** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/40 |

## 15° inclined panel mounting sockets - EN 60309 - In 63 - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69258** | | 2P+⏚ | 200-250 V~ | 6 | 2/16 |
| **EC69259** | | 3P+⏚ | 200-250 V~ | 9 | 2/16 |
| **EC69350** | | 3P+⏚ | 380-415 V~ | 6 | 2/16 |
| **EC69351** | | 3P+N+⏚ | 346-415 V~ | 6 | 2/16 |

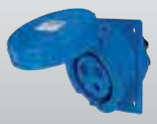
## 15° inclined panel mounting sockets - EN 60309 - In 125A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69651** | | 2P+⏚ | 200-250 V~ | 6 | 2/8 |
| **EC69654** | | 3P+⏚ | 200-250 V~ | 9 | 2/8 |
| **EC69653** | | 3P+⏚ | 380-415 V~ | 6 | 2/8 |
| **EC69655** | | 3P+N+⏚ | 346-415 V~ | 6 | 2/8 |

*** item available on request**



**EC69106**



**EC69256**



**EC69059**

# WALL MOUNTING INCLINED BOX PLUGS **SERIES 690**

**MAIN TECHNICAL FEATURES::**

- 15° Inclined industrial plugs according to the Standard EN 60309.
- Wall mounting inclined box, with M25 threaded inlet with closure cap included.
- In currents of 16 and 32 A.
- Resistance to chemical or atmospheric agents.
- Shock resistance: IK08 (up to 6J).
- 16A Dimensions: 120x71x80 mm, centre hole 58 mm.
- 32A Dimensions: 132x71x85 mm, centre hole 58 mm.

CE

**IP44**

## Wall mounting inclined box plugs - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC690701** | | 2P+⏚ | 200-250 V~ | 6 | 10/40 |
| **EC690721** | | 3P+⏚ | 380-415 V~ | 6 | 10/40 |
| **EC690741** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/40 |

## Wall mounting inclined box plugs - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692721** | | 2P+⏚ | 200-250 V~ | 6 | 10/40 |
| **EC690761** | | 3P+⏚ | 380-415 V~ | 6 | 10/40 |
| **EC690781** | | 3P+N+⏚ | 346-415 V~ | 6 | 10/40 |



**EC690701** **EC690721** **EC690781**

# WALL MOUNTING INCLINED BOX PLUGS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 15° Inclined industrial plugs according to the Standard EN 60309.
- Wall mounting inclined box, with M25 threaded inlet with closure cap included.
- In currents of 16 and 32 A.
- Resistance to chemical or atmospheric agents.
- Shock resistance: IK08 (up to 6J).
- 16A Dimensions: 140x80x100 mm, centre hole 70 mm.
- 32A Dimensions: 140x80x104 mm, centre hole 70 mm.

CE

**IP67**

## Wall mounting inclined box plugs - EN 60309 - In 16A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC690711** | | 2P+⏚ | 200-250 V~ | 6 | 5/30 |
| **EC690731** | | 3P+⏚ | 380-415 V~ | 6 | 5/30 |
| **EC690751** | | 3P+N+⏚ | 346-415 V~ | 6 | 5/30 |

## Wall mounting inclined box plugs - EN 60309 - In 32A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692761** | | 2P+⏚ | 200-250 V~ | 6 | 5/30 |
| **EC690771** | | 3P+⏚ | 380-415 V~ | 6 | 5/20 |
| **EC690791** | | 3P+N+⏚ | 346-415 V~ | 6 | 5/20 |



**EC690711** **EC690731** **EC690791**

# WALL MOUNTING INCLINED BOX SOCKETS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial sockets according to the Standard EN 60309.
- Wall mounting inclined box, ready for conduit Ø 20 or 25 mm
- In currents of 16 and 32 A.
- Resistance to chemical or atmospheric agents.
- Stainless steel springs for lid closing.
- Dimensions 90x128x92,5 (WxHxD) mm.

CE

**IP44**

## Wall mounting inclined box sockets - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC694001** | | 2P | 20-25 V~ | without reference | 12 |
| **EC694011** | | 3P | 20-25 V~ | without reference | 12 |
| **EC691001** | | 2P+⏚ | 100-130 V~ | 4 | 12 |
| **EC691011** | | 3P+⏚ | 100-130 V~ | 4 | 12 |
| **EC690501** | | 2P+⏚ | 200-250 V~ | 6 | 12 |
| **EC692501** | | 3P+⏚ | 200-250 V~ | 9 | 12 |
| **EC690521** | | 3P+⏚ | 380-415 V~ | 6 | 12 |
| **EC690541** | | 3P+N+⏚ | 346-415 V~ | 6 | 12 |

## Wall mounting inclined box sockets - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691021** | | 2P+⏚ | 100-130 V~ | 4 | 12 |
| **EC691031** | | 3P+⏚ | 100-130 V~ | 4 | 12 |
| **EC692521** | | 2P+⏚ | 200-250 V~ | 6 | 12 |
| **EC692531** | | 3P+⏚ | 200-250 V~ | 9 | 12 |
| **EC690561** | | 3P+⏚ | 380-415 V~ | 6 | 12 |
| **EC690581** | | 3P+N+⏚ | 346-415 V~ | 6 | 12 |



**EC691001**



**EC690501**



**EC690521**

# WALL MOUNTING INCLINED BOX SOCKETS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial sockets according to the Standard EN 60309.
- Wall mounting inclined box, ready for conduit Ø 20 or 25 mm
- In currents of 16, 32 and 63 A.
- Resistance to chemical or atmospheric agents.
- Stainless steel springs for lid closing.
- Dimensions 90x128x92,5 (WxHxD) mm.

CE

**IP67**

## Wall mounting inclined box sockets - EN 60309 - In 16A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC694021*** | | 2P | 20-25V~ | without reference | 12 |
| **EC694031*** | | 3P | 20-25V~ | without reference | 12 |
| **EC691041** | | 2P+⏚ | 100-130 V~ | 4 | 12 |
| **EC691051** | | 3P+⏚ | 100-130 V~ | 4 | 12 |
| **EC690511** | | 2P+⏚ | 200-250 V~ | 6 | 12 |
| **EC692541** | | 3P+⏚ | 200-250 V~ | 9 | 12 |
| **EC690531** | | 3P+⏚ | 380-415 V~ | 6 | 12 |
| **EC690551** | | 3P+N+⏚ | 346-415 V~ | 6 | 12 |

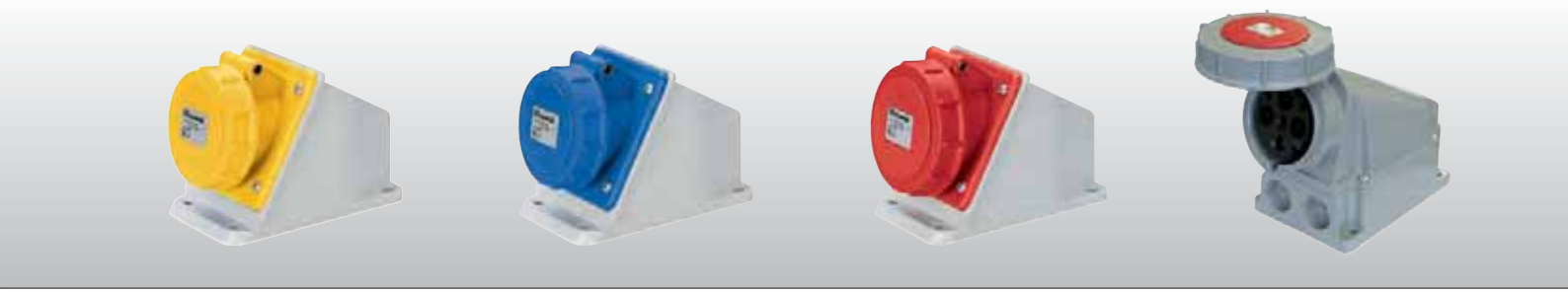
## Wall mounting inclined box sockets - EN 60309 - In 32A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691061** | | 2P+⏚ | 100-130 V~ | 4 | 12 |
| **EC691071** | | 3P+⏚ | 100-130 V~ | 4 | 12 |
| **EC692561** | | 2P+⏚ | 200-250 V~ | 6 | 12 |
| **EC692571** | | 3P+⏚ | 200-250 V~ | 9 | 12 |
| **EC690571** | | 3P+⏚ | 380-415 V~ | 6 | 12 |
| **EC690591** | | 3P+N+⏚ | 346-415 V~ | 6 | 12 |

## Wall mounting inclined box sockets - EN 60309 - In 63A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692581** | | 2P+⏚ | 200-250 V~ | 6 | 2 |
| **EC692591** | | 3P+⏚ | 200-250 V~ | 9 | 2 |
| **EC693501** | | 3P+⏚ | 380-415 V~ | 6 | 2 |
| **EC693511** | | 3P+N+⏚ | 346-415 V~ | 6 | 2 |

*** item available on request**



**EC691041** **EC690511** **EC690531** **EC693501**

# WALL MOUNTING STRAIGHT BOX SOCKETS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial sockets according to the Standard EN 60309.
- Wall mounting straight box, ready for conduit Ø 20 or 25 mm.
- In currents of 16 and 32 A.
- Resistance to chemical or atmospheric agents.
- Stainless steel springs for lid closing.
- Dimensions 96x96x70 (WxHxD) mm.

CE

**IP44**

## Wall mounting straight box sockets - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC694001D** | | 2P | 20-25 V~ | without reference | 12 |
| **EC694011D** | | 3P | 20-25 V~ | without reference | 12 |
| **EC691001D** | | 2P+⏚ | 100-130 V~ | 4 | 12 |
| **EC691011D** | | 3P+⏚ | 100-130 V~ | 4 | 12 |
| **EC690501D** | | 2P+⏚ | 200-250 V~ | 6 | 12 |
| **EC692501D** | | 3P+⏚ | 200-250 V~ | 9 | 12 |
| **EC690521D** | | 3P+⏚ | 380-415 V~ | 6 | 12 |
| **EC690541D** | | 3P+N+⏚ | 346-415 V~ | 6 | 12 |

## Wall mounting straight box sockets - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691021D** | | 2P+⏚ | 100-130 V~ | 4 | 12 |
| **EC691031D** | | 3P+⏚ | 100-130 V~ | 4 | 12 |
| **EC692521D** | | 2P+⏚ | 200-250 V~ | 6 | 12 |
| **EC692531D** | | 3P+⏚ | 200-250 V~ | 9 | 12 |
| **EC690561D** | | 3P+⏚ | 380-415 V~ | 6 | 12 |
| **EC690581D** | | 3P+N+⏚ | 346-415 V~ | 6 | 12 |



**EC691001D** **EC690501D** **EC690521D**

# WALL MOUNTING STRAIGHT BOX SOCKETS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial sockets according to the Standard EN 60309.
- Wall mounting straight box, ready for conduit Ø 20 or 25 mm.
- In currents of 16 and 32 A.
- Resistance to chemical or atmospheric agents.
- Stainless steel springs for lid closing.
- Dimensions 96x96x70 (WxHxD) mm.

CE

**IP67**

## Wall mounting straight box sockets - EN 60309 - In 16A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC694021D*** | | 2P | 20-25V~ | without reference | 12 |
| **EC694031D*** | | 3P | 20-25V~ | without reference | 12 |
| **EC691041D** | | 2P+⏚ | 100-130 V~ | 4 | 12 |
| **EC691051D** | | 3P+⏚ | 100-130 V~ | 4 | 12 |
| **EC690511D** | | 2P+⏚ | 200-250 V~ | 6 | 12 |
| **EC692541D** | | 3P+⏚ | 200-250 V~ | 9 | 12 |
| **EC690531D** | | 3P+⏚ | 380-415 V~ | 6 | 12 |
| **EC690551D** | | 3P+N+⏚ | 346-415 V~ | 6 | 12 |

## Wall mounting straight box sockets - EN 60309 - In 32A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691061D** | | 2P+⏚ | 100-130 V~ | 4 | 12 |
| **EC691071D** | | 3P+⏚ | 100-130 V~ | 4 | 12 |
| **EC692561D** | | 2P+⏚ | 200-250 V~ | 6 | 12 |
| **EC692571D** | | 3P+⏚ | 200-250 V~ | 9 | 12 |
| **EC690571D** | | 3P+⏚ | 380-415 V~ | 6 | 12 |
| **EC690591D** | | 3P+N+⏚ | 346-415 V~ | 6 | 12 |

*** item available on request**



**EC691041D** **EC690511D** **EC690531D**

# HORIZONTAL INTERLOCKED SOCKETS WITHOUT WALL BASE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial interlocked sockets according to the Standard EN 60309.
- Switch type AC23A - 10kA.
- In currents of 16 and 32 A.
- Lockable handle in ON or OFF positions.
- Stainless steel springs for lid closing.
- Dimensions 155x115x23 (WxHxD) mm. Mounting distance 138x98 mm.

CE

**IP44**
**IP65**

## Horizontal interlocked sockets without wall base - EN 60309- In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69190** | | 2P+⏚ | 100-130 V~ | 4 | 1/24 |
| **EC69090** | | 2P+⏚ | 200-250 V~ | 6 | 1/24 |
| **EC69290** | | 3P+⏚ | 200-250 V~ | 9 | 1/24 |
| **EC69092** | | 3P+⏚ | 380-415 V~ | 6 | 1/24 |
| **EC69094** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/24 |

## Horizontal interlocked sockets without wall base - EN 60309- In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69292** | | 2P+⏚ | 200-250 V~ | 6 | 1/24 |
| **EC69293** | | 3P+⏚ | 200-250 V~ | 9 | 1/24 |
| **EC69096** | | 3P+⏚ | 380-415 V~ | 6 | 1/24 |
| **EC69098** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/24 |

## Horizontal interlocked sockets without wall base - EN 60309- In 16A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69194** | | 2P+⏚ | 100-130 V~ | 4 | 1/24 |
| **EC69091** | | 2P+⏚ | 200-250 V~ | 6 | 1/24 |
| **EC69294** | | 3P+⏚ | 200-250 V~ | 9 | 1/24 |
| **EC69093** | | 3P+⏚ | 380-415 V~ | 6 | 1/24 |
| **EC69095** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/24 |

## Horizontal interlocked sockets without wall base - EN 60309- In 32A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69296** | | 2P+⏚ | 200-250 V~ | 6 | 1/24 |
| **EC69297** | | 3P+⏚ | 200-250 V~ | 9 | 1/24 |
| **EC69097** | | 3P+⏚ | 380-415 V~ | 6 | 1/24 |
| **EC69099** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/24 |

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**EC69190**



**EC69090**



**EC69092**

# HORIZONTAL INTERLOCKED SOCKETS WITH WALL BASE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial interlocked sockets according to EN 60309.
- Switch type AC23A - 10kA.
- In currents of 16 and 32 A.
- Stainless steel springs for lid closing.
- Dimensions 155x115x78 (WxHxD) mm.

CE

**IP44**
**IP65**

## Horizontal interlocked sockets with wall base - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691901** | | 2P+⏚ | 100-130 V~ | 4 | 1/24 |
| **EC690901** | | 2P+⏚ | 200-250 V~ | 6 | 1/24 |
| **EC692901** | | 3P+⏚ | 200-250 V~ | 9 | 1/24 |
| **EC690921** | | 3P+⏚ | 380-415 V~ | 6 | 1/24 |
| **EC690941** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/24 |

## Horizontal interlocked sockets with wall base - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692921** | | 2P+⏚ | 200-250 V~ | 6 | 1/24 |
| **EC692931** | | 3P+⏚ | 200-250 V~ | 9 | 1/24 |
| **EC690961** | | 3P+⏚ | 380-415 V~ | 6 | 1/24 |
| **EC690981** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/24 |

## Horizontal interlocked sockets with wall base - EN 60309 - In 16A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691941** | | 2P+⏚ | 100-130 V~ | 4 | 1/24 |
| **EC690911** | | 2P+⏚ | 200-250 V~ | 6 | 1/24 |
| **EC692941** | | 3P+⏚ | 200-250 V~ | 9 | 1/24 |
| **EC690931** | | 3P+⏚ | 380-415 V~ | 6 | 1/24 |
| **EC690951** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/24 |

## Horizontal interlocked sockets with wall base - EN 60309 - In 32A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692961** | | 2P+⏚ | 200-250 V~ | 6 | 1/24 |
| **EC692971** | | 3P+⏚ | 200-250 V~ | 9 | 1/24 |
| **EC690971** | | 3P+⏚ | 380-415 V~ | 6 | 1/24 |
| **EC690991** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/24 |



**EC691901**



**EC690901**



**EC690921**

# HORIZONTAL INTERLOCKED SOCKETS WITHOUT WALL BASE - FUSE HOLDER **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial interlocked sockets according to EN 60309.
- Switch type AC23A - 10kA.
- In currents of 16 and 32 A - Gg 10,3x38 mm fuse type (not included).
- LED light indicator for blown fuse
- Lockable handle in ON or OFF positions.
- Stainless steel springs for lid closing.
- Dimensions 196x145x25 (WxHxD) mm. - Mounting distance 177x122 mm.

*LED light indicator for blown fuse*



**IP44**
**IP65**

## Horizontal interlocked sockets without wall base - fuse holder - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69190F** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC69090F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC69290F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC69092F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC69094F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Horizontal interlocked sockets without wall base - fuse holder - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69292F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC69293F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC69096F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC69098F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Horizontal interlocked sockets without wall base - fuse holder - EN 60309 - In 16A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69194F** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC69091F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC69294F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC69093F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC69095F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Horizontal interlocked sockets without wall base - fuse holder - EN 60309 - In 32A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC69296F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC69297F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC69097F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC69099F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

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**EC69190F**



**EC69090F**



**EC69092F**

# HORIZONTAL INTERLOCKED SOCKETS WITH WALL BASE - FUSE HOLDER **SERIES 690**

CE

**MAIN TECHNICAL FEATURES:**
- 20° Inclined industrial interlocked sockets according to the Standard EN 60309.
- Switch type AC23A - 10kA.
- In currents of 16 and 32 A - Gg 10,3x38 mm fuse type (not included).
- LED light indicator flor blown fuse • Lockable handle in ON or OFF positions..
- Stainless steel springs for lid closing. • Dimensions 196x145x25 (WxHxD) mm

*LED light indicator for blown fuse*



**IP44**
**IP65**

## Horizontal interlocked sockets with wall base - fuse holder - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691901F** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC690901F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692901F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690921F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690941F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Horizontal interlocked sockets with wall base - fuse holder - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692921F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692931F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690961F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690981F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Horizontal interlocked sockets with wall base - fuse holder - EN 60309 - In 16A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691941F** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC690911F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692941F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690931F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690951F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Horizontal interlocked sockets with wall base - fuse holder - EN 60309 - In 32A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692961F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692971F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690971F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690991F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |



**EC691901F**



**EC690901F**



**EC690921F**

# VERTICAL INTERLOCKED SOCKETS WITHOUT WALL BASE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial interlocked sockets according to the Standard EN 60309.
- Switch type AC23A - 10kA.
- In currents of 16, 32 and 63 A.
- Lockable handle in ON or OFF positions.
- Stainless steel springs for lid closing.
- Dimensions 120x280x30 (WxHxD) mm. Mounting distance 141+118x100 mm.

CE

**IP44**
**IP65**

## Vertical interlocked sockets without wall base - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691904** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC690904** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692904** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690924** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690944** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets without wall base - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692924** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692934** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690964** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690984** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets without wall base - EN 60309 - In 16A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691944** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC690914** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692944** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690934** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690954** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets without wall base - EN 60309 - In 32A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692964** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692974** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690974** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690994** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets without wall base - EN 60309 - In 63A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692584** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692594** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC693504** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC693514** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

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**EC691904**



**EC690904**



**EC690954**



**EC693504**

# VERTICAL INTERLOCKED SOCKETS WITH WALL BASE **SERIES 690**

CE

**IP44**
**IP65**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial interlocked sockets according to the Standard EN 60309.
- Switch type AC23A - 10kA.
- In currents of 16, 32 and 63 A.
- Lockable handle in ON or OFF positions.
- Stainless steel springs for lid closing. • Dimensions 120x280x95 (WxHxD) mm.

## Vertical interlocked sockets with wall base - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6919041** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC6909041** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6929041** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6909241** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6909441** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets with wall base - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6929241** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6929341** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6909641** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6909841** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets with wall base - EN 60309 - In 16A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6919441** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC6909141** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6929441** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6909341** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6909541** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets with wall base - EN 60309 - In 32A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6929641** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6929741** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6909741** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6909941** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets with wall base - EN 60309 - In 63A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6925841** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6925941** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6935041** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6935141** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |


**EC6919041**


**EC6909041**


**EC6909541**


**EC6935041**

# VERTICAL INTERLOCKED SOCKETS WITHOUT WALL BASE - FUSE HOLDER **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial interlocked sockets according to the Standard EN 60309.
- Switch type AC23A - 10kA.
- In currents of 16 and 32 A - fuse type gG 10,3x38 mm (not included).
- In currents of 63 A - fuse type D02 36x15 m (not included).
- LED light indicator for blown fuse. Lockable handle in ON or OFF positions.
- Stainless steel springs for lid closing.
- Dimensions 120x280x30 (WxHxD) mm - Mounting distance 141+118x100 mm.

*LED light indicator for blown fuse*



**IP44**
**IP65**

## Vertical interlocked sockets without wall base - fuse holder - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691904F** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC690904F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692904F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690924F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690944F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets without wall base - fuse holder - EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692924F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692934F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690964F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690984F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets without wall base - fuse holder - EN 60309 - In 16A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691944F** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC690914F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692944F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690934F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690954F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets without wall base - fuse holder - EN 60309 - In 32A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692964F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692974F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC690974F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC690994F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets without wall base - fuse holder - EN 60309 - In 63A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC692584F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC692594F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC693504F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC693514F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

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**EC691944F**



**EC690914F**



**EC690934F**



**EC693504F**

# VERTICAL INTERLOCKED SOCKETS WITH WALL BASE - FUSE HOLDER

CE

## SERIES 690

*LED light indicator for blown fuse*



**IP44**
**IP65**

**MAIN TECHNICAL FEATURES:**

- 20° Inclined industrial interlocked sockets according to the Standard EN 60309.
- Switch type AC23A - 10kA.
- In currents of 16 and 32 A - fuse type gG 10,3x38 mm (not included) • In currents of 63 A - fuse type D02 gG 36x15 mm (not included).
- LED light indicator for blown fuse • Lockable handle in ON or OFF positions.
- Stainless steel spring for lid closing. • Dimensions 120x280x95 (WxHxD) mm.

## Vertical interlocked sockets with wall base - fuse holder - EN 60309 In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6919041F** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC6909041F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6929041F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6909241F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6909441F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets with wall base - fuse holder - EN 60309 In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6929241F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6929341F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6909641F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6909841F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets with wall base - fuse holder - EN 60309 In 16A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6919441F** | | 2P+⏚ | 100-130 V~ | 4 | 1/10 |
| **EC6909141F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6929441F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6909341F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6909541F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets with wall base - fuse holder - EN 60309 In 326A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6929641F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6929741F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6909741F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6909941F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |

## Vertical interlocked sockets with wall base - fuse holder - EN 60309 In 63A - IP65

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6925841F** | | 2P+⏚ | 200-250 V~ | 6 | 1/10 |
| **EC6925941F** | | 3P+⏚ | 200-250 V~ | 9 | 1/10 |
| **EC6935041F** | | 3P+⏚ | 380-415 V~ | 6 | 1/10 |
| **EC6935141F** | | 3P+N+⏚ | 346-415 V~ | 6 | 1/10 |



**EC6919441F**



**EC6909141F**



**EC6909341F**



**EC6935041F**

# VERTICAL SOCKETS WITH SAFETY TRANSFORMER **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Straight industrial interlocked sockets according to the Standard EN 60309.
- Transformer SELV 230V~ - 24 V~, 150 VA.
- Fuse type - primary : 1 fuse (2A), secondary :1 fuse (6A).
- Fuse type gG 10,3x38 mm (not included).
- LED light indicator blown fuse (only primary).
- Stainless steel springs for lid closing.
- Mounting distance 141+118x100 mm.

**On request with IP67 sockets.**

*LED light indicator for blown fuse*



CE

**IP44**

## Vertical sockets with safety transformer without wall base - without fuse holder - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC694924** | | 2P | 24 V~ | | 1/10 |

## Vertical sockets with safety transformer with wall base - without fuse holder - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC6949241** | | 2P | 24 V~ | | 1/10 |

## Vertical sockets with safety transformer without wall base - with fuse holder - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | FUSE P. | FUSE S. | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC694924F** | | 2P | 24 V~ | 2A | 6A | 1/10 |

## Vertical sockets with safety transformer with wall base - with fuse holder - EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | FUSE P. | FUSE S. | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC6949241F** | | 2P | 24 V~ | 2A | 6A | 1/10 |



**EC694924F**



**EC6949241F**

# ACCESSORIES AND MOUNTING BASES FOR INTERLOCKED SOCKETS

**MAIN TECHNICAL FEATURES:**

- Wall base: made of shock resistant technopolymer on ABS base, and high resistance to UV rays.
- Flush mounting box made of shock resistant orange or blue technopolymer.
- Standard colour: grey RAL 7035.
- Resistance to abnormal heat: up to 650°C, 850°C for EC690930 (Glow Wire Test, IEC 60695-2-11 standard).
- Possibility of a double insulation by the screw caps (not included).
- Possibility to install the bases in groups.

CE

GREY RAL 7035

## Wall mounting bases for interlocked sockets

| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC690900** | Wall mounting base for horizontal interlocked sockets WITHOUT FUSE HOLDER | 154x114x50 | 1/20 |
| **EC690905** | Wall mounting base for horizontal interlocked sockets WITH FUSE HOLDER | 194x144x56 | 1/14 |
| **EC6909004** | Wall mounting base for vertical interlocked sockets WITHOUT AND WITH FUSE HOLDER | 120x280x67 | 1/10 |

## Screw cap for double insulation

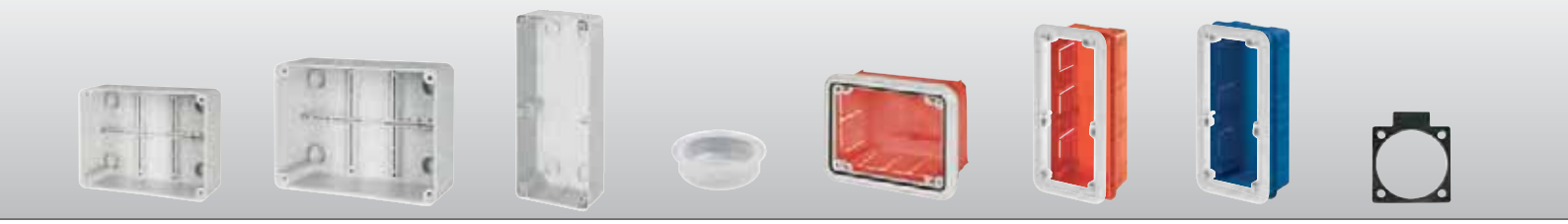
| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **ECTFLEX18** | For wall mounting bases (4 per base) | 18 | 100/2000 |

## Flush mounting box for interlocked sockets

| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC690910** | Flush mounting box for horizontal interlocked sockets WITHOUT FUSE HOLDER - with ring and gasket | 180x145x80 (box depth 70) | 1/12 |
| **EC690920** | Flush mounting box for interlocked vertical sockets FOR ALL VERTICAL SOCKETS - with ring and gasket | 309x149x80 (box depth 70) | 1/14 |
| **EC690930** | Dry lining mounting box FOR ALL VERTICAL SOCKETS - with ring and gasket | 309x149x80 (box depth 70) | 1/14 |

## Additional gasket for 50x50 mm sockets

| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **202405** | Flange gasket for uneven surfaces For sockets EC690514 - EC690515 | 50x50 | 50 |



**EC690900** **EC690905** **EC6909004** **ECTFLEX18** **EC690910** **EC690920** **EC690930** **202405**

# WALL MOUNTING MODULAR BASES FOR VERTICAL INTERLOCKED SOCKET **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Wall mounting modular bases for vertical interlocked sockets.
- Usable also with flange 690F4 for industrial sockets 16/ 32A and IP55 support for Italian/schuko sockets.
- Made of shock resistant technopolymer on ABS base, and high resistance to UV rays.
- Standard colour: grey RAL 7035.
- Resistance to abnormal heat: up to 650°C (Glow Wire Test, IEC 60695-2-1 standard.
- Possibility of a double insulation by the screw caps (not included.
- Possibility to install the bases in groups.

GREY RAL 7035

## Wall mounting modular base with box for vertical interlocked sockets

| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC6909014** | Wall mounting base - 1 socket | 120x405x109 | 1/10 |
| **EC6909024** | Wall mounting base - 2 sockets | 250x405x109 | 1/5 |
| **EC6909034** | Wall mounting base - 3 sockets | 370x405x109 | 1/3 |
| **EC6909044** | Wall mounting base - 4 sockets | 500x405x109 | 1/2 |
| **202702** | DIN rail for base 1 socket | 84 | 10 |
| **202705** | DIN rail for base 2 sockets | 223 | 10 |

## Watertight joints to connect several wall mounting modular bases or to connect the base to enclosures

| ITEM | TYPE | INTERNAL Ø mm | HOLE Ø mm | FERRULE Ø mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC52121** | PG21 | 21,6 | 29 | 38 | 23 | 10/50 |
| **EC52129** | PG29 | 27,7 | 37,5 | 44,2 | 23 | 10/50 |
| **EC52136** | PG36 | 34,9 | 47,5 | 52,6 | 24,5 | 10/50 |

## Flanges for wall mounting bases

| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC690F1** | Blank flange to close the flanged plate 690F4 | 74x85 | 1/10 |
| **EC690F3** | Blank flange for bases and boards 69045-46 | 120x280 | 1/10 |
| **EC690F4** | Flange for 2 industrial sockets 16/32A for bases and boards 69045-46 | 120x280 | 1/20 |
| **EC690F6** | Flange for auxiliary controls Ø 22 mm | 74x85 | 1/10 |
| **EC690F7** | Flange for panel mounting sockets - flange 50x50 mm centre hole distance 38x38 mm | 74x85 | 1/10 |


**EC6909014**


**EC6909024**


**EC6909034**


**EC6909044**


**EC690F1**


**EC52129**

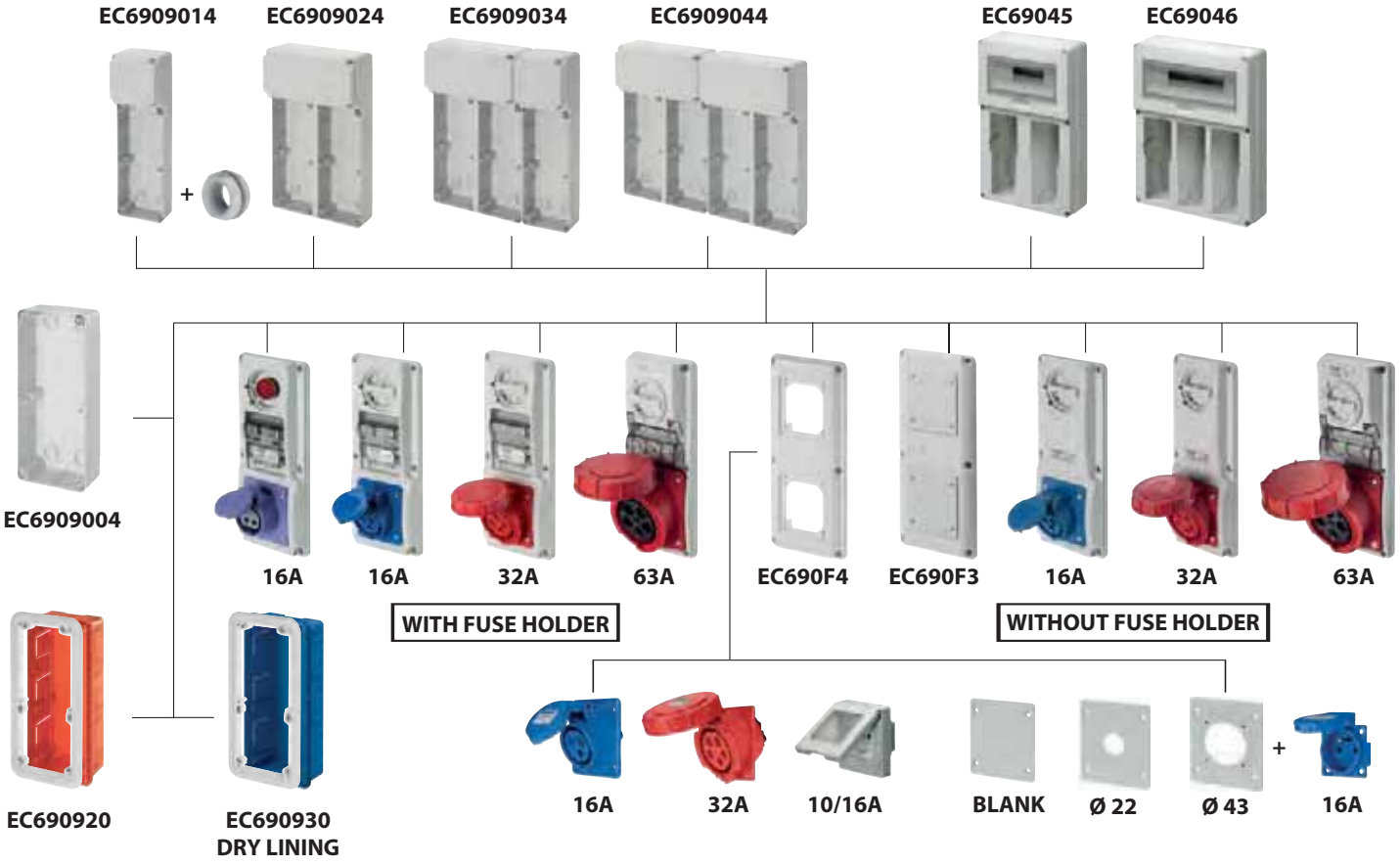

**EC690F3**


**EC690F4**

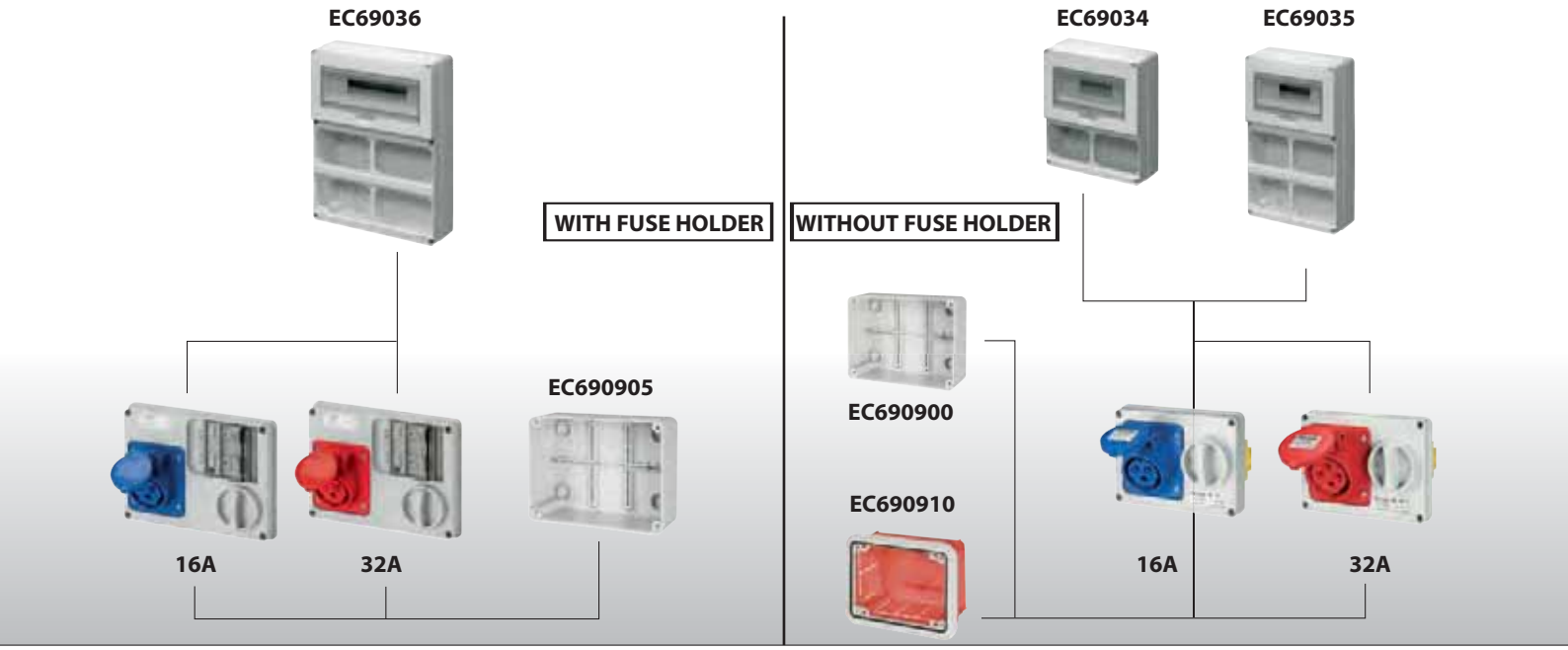

**EC690F6**


**EC690F7**

## SUMMARY TABLE ON THE INTEGRATED SYSTEM OF INTERLOCKED VERTICAL SOCKETS AND BOARDS




## SUMMARY TABLE ON THE INTEGRATED SYSTEM OF INTERLOCKED HORIZONTAL SOCKETS AND BOARDS



# SYSTEMS ADAPTORS - MULTIPLIERS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Systems adaptors domestic to industrial / industrial to domestic - IP20.
- 2-Way multipliers with plug EN 60309.
- Only for mobile and temporary use.
- Not usable in places with danger of explosion or fire.
- Always disconnect from the supply when not used.

**IP20**
**IP44**
**IP67**

## System adaptor industrial to domestic 10/16A 220/250 V~ IP20

| ITEM | PLUG 16A | SOCKETS 10/16A | SOCKETS 16A | PACKAGING PIECES |
|---|---|---|---|---|
| **EC690510** | 2P+⏚ | 2x 2P+⏚ Italian standard | 1 Schuko/Italian standard | 10/80 |
| **EC690520** | 2P+⏚ | 2x 2P+⏚ Italian standard | | 10/90 |
| **EC690525** | 2P+⏚ | | 1 Schuko/Italian standard | 10/90 |
| **EC690530** | 3P+N+⏚ | | 1 Schuko/Italian standard | 10/90 |
| **EC690540** | 3P+N+⏚ | 2x 2P+⏚ Italian standard | | 10/90 |

## System adaptor domestic to industrial 16A 220/250 V~ IP20

| ITEM | POLES | PLUG TYPE 16A | SOCKET 16A | PACKAGING PIECES |
|---|---|---|---|---|
| **EC690512** | 2P+⏚ | S31 Schuko | 2P+⏚ | 10/80 |
| **EC690513** | 2P+⏚ | S17 Italian | 2P+⏚ | 10/80 |

## 2-Way multiplier and plug EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691702** | | 2P+⏚ | 100-130 V~ | 4 | 10 |
| **EC690702** | | 2P+⏚ | 200-250 V~ | 6 | 10 |
| **EC690722** | | 3P+⏚ | 380-415 V~ | 6 | 10 |

## 2-Way multiplier and plug EN 60309 - In 16A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691742** | | 2P+⏚ | 100-130 V~ | 4 | 5 |
| **EC690712** | | 2P+⏚ | 200-250 V~ | 6 | 5 |
| **EC690732** | | 3P+⏚ | 380-415 V~ | 6 | 5 |


**EC690510**


**EC690520**


**EC690525**


**EC690512**


**EC690513**


**EC690712**

# MULTIPLIERS **SERIE 690**

**MAIN TECHNICAL FEATURES:**
- 3-Way multipliers with plug EN 60309.
- Only for mobile and temporary use.
- Not usable in places with danger of explosion or fire.
- To be always disconnected from the power when not used.

CE

**IP44**
**IP67**

## 3-Way multiplier and plug EN 60309 - In 16A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691703** | | 2P+⏚ | 100-130 V~ | 4 | 6 |
| **EC690703** | | 2P+⏚ | 200-250 V~ | 6 | 5 |
| **EC692703** | | 3P+⏚ | 200-250 V~ | 9 | 4 |
| **EC692713** | | 3P+N+⏚ | 208-250 V~ | 9 | 4 |
| **EC690723** | | 3P+⏚ | 380-415 V~ | 6 | 4 |
| **EC690743** | | 3P+N+⏚ | 346-415 V~ | 6 | 4 |

## 3-Way multiplier and plug EN 60309 - In 32A - IP44

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC690763** | | 3P+⏚ | 380-415 V~ | 6 | 4 |
| **EC690783** | | 3P+N+⏚ | 346-415 V~ | 6 | 4 |

## 3-Way multiplier and plug EN 60309 - In 16A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC691743** | | 2P+⏚ | 100-130 V~ | 4 | 6 |
| **EC690713** | | 2P+⏚ | 200-250 V~ | 6 | 5 |
| **EC692743** | | 3P+⏚ | 200-250 V~ | 9 | 4 |
| **EC692753** | | 3P+N+⏚ | 208-250 V~ | 9 | 4 |
| **EC690733** | | 3P+⏚ | 380-415 V~ | 6 | 4 |
| **EC690753** | | 3P+N+⏚ | 346-415 V~ | 6 | 4 |

## 3-Way multiplier and plug EN 60309 - In 32A - IP67

| ITEM | COLOUR | POLES | NOMINAL VOLTAGE | REFERENCE h | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC690773** | | 3P+⏚ | 380-415 V~ | 6 | 4 |
| **EC690793** | | 3P+N+⏚ | 346-415 V~ | 6 | 4 |

## 3-Way multiplier with cable H07RN-F and plug EN 60309 - In 16A - IP67

| ITEM | COLOUR | SOCKETS POLES | PLUG POLES | NOMINAL VOLTAGE | REFERENCE h PLUG / SOCKETS | CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC690714-3** | / | 2P+⏚ | 2P+⏚ | 200-250 V~ | 6/6 | 3MT - 3G2,5 | 1 |
| **EC690714-20** | / | 2P+⏚ | 2P+⏚ | 200-250 V~ | 6/6 | 20MT - 3G2,5 | 1 |
| **EC690714-30** | / | 2P+⏚ | 2P+⏚ | 200-250 V~ | 6/6 | 30MT - 3G2,5 | 1 |
| **EC690754-3** | / | 2P+⏚ | 3P+N +⏚ | 346-415 V~ | 6/6 | 3MT - 5G2,5 | 1 |



**EC690703**



**EC690714-3**



**EC690754-3**

# SWITCH DISCONNECTORS **SERIES 66**

**MAIN TECHNICAL FEATURES:**

- Boxes made of shock resistant halogen free technopolymer on ABS base.
- Knob padlock (3 padlocks), Lock lid in position "ON", Turning angle 90°.
- Rated operational voltage Ue: 690V, Insulation voltage Ui: 690V, 50/60 Hz.
- Mechanical durability 120 cycles per hour: 100.000 cycles.
- Earth and neutral through terminal blocks.
- Knockouts for conduit entry: 16-20-32-40A 2x Ø 20/25 mm; 63-80-100A 2x Ø 25/32 mm.
- Resistance to abnormal heat box: up to 650° C (Glow Wire Test IEC 60695-2-11 standard).
- Reference standard: EC947-3, EN60947-3, UL508.
- Double insulation and screw cover caps included.

**IP65**

GREY RAL 7035

## Control switches - grey/black Knob

| ITEM | DESCRIPTION | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC660162M** | Control switches 16A - 2 poles | 155x115x105 | 1/24 |
| **EC660163M** | Control switches 16A - 3 poles | 155x115x105 | 1/24 |
| **EC660164M** | Control switches 16A - 4 poles | 155x115x105 | 1/24 |
| **EC660202M** | Control switches 20A - 2 poles | 155x115x105 | 1/24 |
| **EC660203M** | Control switches 20A - 3 poles | 155x115x105 | 1/24 |
| **EC660204M** | Control switches 20A - 4 poles | 155x115x105 | 1/24 |
| **EC660322M** | Control switches 32A - 2 poles | 155x115x105 | 1/24 |
| **EC660323M** | Control switches 32A - 3 poles | 155x115x105 | 1/24 |
| **EC660324M** | Control switches 32A - 4 poles | 155x115x105 | 1/24 |
| **EC660402M** | Control switches 40A - 2 poles | 155x115x105 | 1/24 |
| **EC660403M** | Control switches 40A - 3 poles | 155x115x105 | 1/24 |
| **EC660404M** | Control switches 40A - 4 poles | 155x115x105 | 1/24 |
| **EC660632M** | Control switches 63A - 2 poles | 205x155x125 | 1/10 |
| **EC660633M** | Control switches 63A - 3 poles | 205x155x125 | 1/10 |
| **EC660634M** | Control switches 63A - 4 poles | 205x155x125 | 1/10 |
| **EC660802M** | Control switches 80A - 2 poles | 205x155x125 | 1/10 |
| **EC660803M** | Control switches 80A - 3 poles | 205x155x125 | 1/10 |
| **EC660804M** | Control switches 80A - 4 poles | 205x155x125 | 1/10 |
| **EC661003M** | Control switches 100A - 3 poles | 205x155x125 | 1/10 |
| **EC661004M** | Control switches 100A - 4 poles | 205x155x125 | 1/10 |



**EC660162M** **EC660632M**

# SWITCH DISCONNECTORS **SERIES 66**

**MAIN TECHNICAL FEATURES:**

- Boxes made of shock resistant halogen free technopolymer on ABS base.
- Knob padlock (3 padlocks), Lock lid in position "ON", Turning angle 90°.
- Rated operational voltage Ue: 690V, Insulation voltage Ui: 690V, 50/60 Hz.
- Mechanical durability 120 cycles per hour: 100.000 cycles.
- Earth and neutral through terminal blocks.
- Knockouts for conduit entry: 16-20-32-40A 2x Ø 20/25 mm; 63-80-100A 2x Ø 25/32 mm.
- Resistance to abnormal heat box: up to 650° C (Glow Wire Test IEC 60695-2-11 standard).
- Reference standard: EC947-3, EN60947-3, UL508.
- Double insulation and screw cover caps included.

**IP65**

GREY RAL 7035

## Safety switches - red/yellow Knob

| ITEM | DESCRIPTION | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC660162E** | Safety switches 16A - 2 poles | 155x115x105 | 1/24 |
| **EC660163E** | Safety switches 16A - 3 poles | 155x115x105 | 1/24 |
| **EC660164E** | Safety switches 16A - 4 poles | 155x115x105 | 1/24 |
| **EC660202E** | Safety switches 20A - 2 poles | 155x115x105 | 1/24 |
| **EC660203E** | Safety switches 20A - 3 poles | 155x115x105 | 1/24 |
| **EC660204E** | Safety switches 20A - 4 poles | 155x115x105 | 1/24 |
| **EC660322E** | Safety switches 32A - 2 poles | 155x115x105 | 1/24 |
| **EC660323E** | Safety switches 32A - 3 poles | 155x115x105 | 1/24 |
| **EC660324E** | Safety switches 32A - 4 poles | 155x115x105 | 1/24 |
| **EC660402E** | Safety switches 40A - 2 poles | 155x115x105 | 1/24 |
| **EC660403E** | Safety switches 40A - 3 poles | 155x115x105 | 1/24 |
| **EC660404E** | Safety switches 40A - 4 poles | 155x115x105 | 1/24 |
| **EC660632E** | Safety switches 63A - 2 poles | 205x155x125 | 1/10 |
| **EC660633E** | Safety switches 63A - 3 poles | 205x155x125 | 1/10 |
| **EC660634E** | Safety switches 63A - 4 poles | 205x155x125 | 1/10 |
| **EC660802E** | Safety switches 80A - 2 poles | 205x155x125 | 1/10 |
| **EC660803E** | Safety switches 80A - 3 poles | 205x155x125 | 1/10 |
| **EC660804E** | Safety switches 80A - 4 poles | 205x155x125 | 1/10 |
| **EC661003E** | Safety switches 100A - 3 poles | 205x155x125 | 1/10 |
| **EC661004E** | Safety switches 100A - 4 poles | 205x155x125 | 1/10 |



**EC660162E** **EC660632E**

# PANEL MOUNTING SWITCH DISCONNECTORS **SERIES 66**

**MAIN TECHNICAL FEATURES:**

- Knob padlock (3 padlocks).
- Turning angle 90°.
- Rated operational voltage Ue: 690V, Insulation voltage Ui: 690V, 50/60 Hz.
- Mechanical durability 120 cycles per hour: 100.000 cycles.
- Resistance to abnormal heat: up to 650° C (Glow Wire Test IEC 60695-2-11 standard).
- Reference standard: EC947-3, EN60947-3, UL508.
- **For flanged boards series 690.**
- **Flange 74x85 mm.**

**IP65**

GREY RAL 7035

## Control switches - grey/black knob - for flanged boards series 690

| ITEM | DESCRIPTION | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC660162MI** | Control switches 16A - 2 poles | 74x85x88 | 1/12 |
| **EC660163MI** | Control switches 16A - 3 poles | 74x85x88 | 1/12 |
| **EC660164MI** | Control switches 16A - 4 poles | 74x85x88 | 1/12 |
| **EC660202MI** | Control switches 20A - 2 poles | 74x85x88 | 1/12 |
| **EC660203MI** | Control switches 20A - 3 poles | 74x85x88 | 1/12 |
| **EC660204MI** | Control switches 20A - 4 poles | 74x85x88 | 1/12 |
| **EC660322MI** | Control switches 32A - 2 poles | 74x85x88 | 1/12 |
| **EC660323MI** | Control switches 32A - 3 poles | 74x85x88 | 1/12 |
| **EC660324MI** | Control switches 32A - 4 poles | 74x85x88 | 1/12 |
| **EC660402MI** | Control switches 40A - 2 poles | 74x85x88 | 1/12 |
| **EC660403MI** | Control switches 40A - 3 poles | 74x85x88 | 1/12 |
| **EC660404MI** | Control switches 40A - 4 poles | 74x85x88 | 1/12 |

Mounting examples





**EC660162MI**

# PANEL MOUNTING SWITCH DISCONNECTORS **SERIES 66**

**MAIN TECHNICAL FEATURES:**

- Knob padlock (3 padlocks).
- Turning angle 90°.
- Rated operational voltage Ue: 690V, Insulation voltage Ui: 690V, 50/60 Hz.
- Mechanical durability 120 cycles per hour: 100.000 cycles.
- Resistance to abnormal heat: up to 650° C (Glow Wire Test IEC 60695-2-11 standard).
- Reference standard: EC947-3, EN60947-3, UL508.
- **For flanged boards series 690.**
- **Flange 74x85 mm.**

**IP65**

GREY RAL 7035

## Safety switches - red/yellow knob - for flanged boards series 690

| ITEM | DESCRIPTION | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC660162EI** | Safety switches 16A - 2 poles | 74x85x88 | 1/12 |
| **EC660163EI** | Safety switches 16A - 3 poles | 74x85x88 | 1/12 |
| **EC660164EI** | Safety switches 16A - 4 poles | 74x85x88 | 1/12 |
| **EC660202EI** | Safety switches 20A - 2 poles | 74x85x88 | 1/12 |
| **EC660203EI** | Safety switches 20A - 3 poles | 74x85x88 | 1/12 |
| **EC660204EI** | Safety switches 20A - 4 poles | 74x85x88 | 1/12 |
| **EC660322EI** | Safety switches 32A - 2 poles | 74x85x88 | 1/12 |
| **EC660323EI** | Safety switches 32A - 3 poles | 74x85x88 | 1/12 |
| **EC660324EI** | Safety switches 32A - 4 poles | 74x85x88 | 1/12 |
| **EC660402EI** | Safety switches 40A - 2 poles | 74x85x88 | 1/12 |
| **EC660403IE** | Safety switches 40A - 3 poles | 74x85x88 | 1/12 |
| **EC660404EI** | Safety switches 40A - 4 poles | 74x85x88 | 1/12 |

Mounting examples



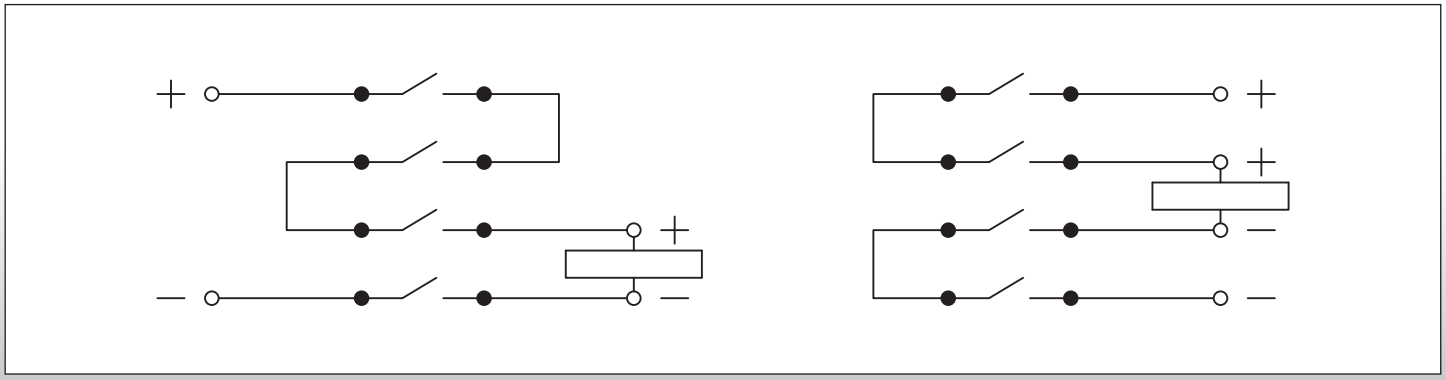


**EC660162EI**

## MAIN TECHNICAL FEATURES SWITCH DISCONNECTORS

| **Rated operational current Ie** | **A** | **16** | **20** | **32** | **40** | **63** | **80** | **100** |
|---|---|---|---|---|---|---|---|---|
| Rated thermal current Ith | A | 30 | 30 | 40 | 40 | 63 | 86 | 100 |
| AC-21A Switching mixed resistive and inductive loads at light overloads - 690V | A | 30 | 32 | 32 | 40 | 63 | 80 | 100 |
| AC-22A Switching mixed resistive and inductive loads at medium overloads - 690V | A | 20 | 25 | 32 | 32 | 63 | 80 | 100 (500V) |
| AC-23A Periodic switching of motors or other loads highly inductive. 3 phase - 3 poles (A/kW) | 230V | 25/7,5 | 25/7,5 | 32/10 | 32/10 | 50/15 | 63/18,5 | 70/22 |
| | 400V | 25/15 | 25/15 | 32/18,5 | 32/18,5 | 50/30 | 60/33 | 67/67 |
| | 500V | 25/15 | 25/15 | 32/22 | 32/22 | 50/37 | 60/40 | 67/45 |
| | 690V | 20/18,5 | 20/18,5 | 25/22 | 25/22 | 32/30 | 35/33 | 38/37 |
| AC-3 Starting of cage motors (interruption while running). 3 phase - 3 poles (A/kW) | 230V | 22/7,5 | 22/7,5 | 30/9 | 30/9 | 40/11 | 50/15 | 60/18,5 |
| | 400V | 22/11 | 22/11 | 30/15 | 30/15 | 40/22 | 50/25 | 55/30 |
| | 500V | 22/11 | 22/11 | 30/18,5 | 30/18,5 | 40/30 | 50/33 | 55/37 |
| | 690V | 16/11 | 16/11 | 20/18,5 | 20/18,5 | 25/22 | 27/25 | 32/30 |
| Nominal interruption power AC23-A (cosφ 0,45) (A) | 230V | 200 | 200 | 256 | 256 | 400 | 504 | 560 |
| | 400V | 200 | 200 | 256 | 256 | 400 | 480 | 536 |
| | 500V | 200 | 200 | 256 | 256 | 400 | 480 | 536 |
| | 690V | 160 | 160 | 200 | 200 | 256 | 280 | 304 |
| Rated short-time short circuit withstand current Icw (1s) | A | 400 | 400 | 400 | 400 | 1500 | 1500 | 1500 |
| Rated shorth circuit making capacity Icm | A | 1500 | 1500 | 1500 | 1500 | 2840 | 2840 | 2840 |
| Conditional rated short circuit withstand current | kA | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Fuse rating gG | 500V (A) | - | - | - | - | - | - | 100 |
| | 690V (A) | 40 | 40 | 40 | 40 | 63 | 80 | - |
| Connectable section flexible conductors min/max | $mm^2$ | 1,5-10 | 1,5-10 | 1,5-10 | 1,5-10 | 6-25 | 6-25 | 6-25 |
| Terminal screw / Screwing torque | Nm | M4/1,2 | M4/1,2 | M4/1,2 | M4/1,2 | M5/3 | M5/3 | M5/3 |
| General use (UL508) 600V AC | A | 32 | 32 | 40 | 40 | 63 | 80 | 100 |
| Standard motors load (UL508) single phase - 2 poles | 120VAC HP/FLA | 1,5/20 | 1,5/20 | 2/24 | 2/24 | 3/34 | 3/34 | 3/34 |
| | 240VAC HP/FLA | 3/17 | 3/17 | 5/28 | 5/28 | 7,5/40 | 7,5/40 | 10/50 |
| Standard motors load (UL508) 3 phase - 3 poles | 240VAC HP/FLA | 7,5/22 | 7,5/22 | 10/28 | 10/28 | 10/28 | 10/28 | 10/28 |
| | 480VAC HP/FLA | 10/14 | 10/14 | 15/21 | 15/21 | 20/27 | 25/34 | 25/34 |
| | 600VAC HP/FLA | 15/17 | 15/17 | 20/22 | 20/22 | 25/27 | 30/32 | 30/32 |
| Connectable section (UL508) AWG | | 16-8 | 16-8 | 16-8 | 16-8 | 10-2 | 10-2 | 10-2 |

## Series connection of the poles of the 4P versiones for useof DC current



# WALL MOUNTING EMERGENCY PUSH-BUTTON **SERIES 69**

**MAIN TECHNICAL FEATURES:**

- Emergency push-buttons complete with 1 contact NC 10A - 250V~.
- Made of shock resistant halogen free technopolymer on ABS base.
- Preparing for conduit entry Ø 20/25 mm.
- Resistance to abnormal heat: up to 650°C (Glow Wire Test, IEC 60695-2-1 standard.
- Made in compliance with: EN418, EN60947-5-1, EN60204-1, ISO13850 standards.
- The operators are built with a mechanical system that guarantees the certainty of operation and of locking, or locking, in the operating position.
- The positive opening NC contact guarantees maximum reliability of the actuators.

**IP65**

GREY RAL 7035

## Wall mounting emergency push-button

| ITEM | DESCRIPTION | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC69000E** | Emergency push-button Ø 40 - Twist to release | 96x96x105 | 1/12 |
| **EC69000ES** | Emergency push-button Ø 40 - Twist to release with vision red/green | 96x96x105 | 1/12 |
| **EC69003E** | Emergency push-button Ø 40 - Push-pull | 96x96x105 | 1/12 |
| **EC69003EL** | Emergency push-button Ø 40 - Push-pull with lens cap | 96x96x105 | 1/12 |
| **EC69007E** | Emergency push-button Ø 40 - With key release | 96x96x105 | 1/12 |
| **EC69060E** | Emergency push-button Ø 60 - Twist to release | 96x96x105 | 1/12 |
| **EC69063E** | Emergency push-button Ø 60 - Push-pull | 96x96x105 | 1/12 |



**EC69000E**



**EC69000ES**



**EC69003E**



**EC69003EL**



**EC69007E**



**EC69060E**



**EC69063E**

# DISTRIBUTION BOARDS



panel system

board system

2

## MAIN TECHNICAL FEATURES

Material: made of halogen free and shock resistant technopolymer on ABS base with resistance to UV rays.
Standard colour: grey RAL 7035.
Resistance to mechanical shocks IK 08 - IK 10 (shocks up to 6-20 J).
Resistance to abnormal heat: up to 650° C (GlowWireTest, Reference Standard IEC 60695-2-11).
Installation temperature range: minimum -15° C, maximum +60° C.
Smoked scratch-proof doors with safety key.
Door can be blocked while opened to easily access to the switches.
Galvanized steel mounting DIN rail suitable for installation of MCB and RCD protection devices from 48 to 75 mm depth.
90° openable hinged door with holding position device to make maintenance operations easier.
Pre-cuts for conduit or cable inlet of different sizes.
Screw caps for double insulation included.
Power loss in compliance with Standard EN 60670-24.
Reference Standards: EN 60670, EN 50102.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Blank, pre-cut or flanged empty distribution boards for EN 60309 sockets
page168



Assembled distribution boards DBO type, wall fixed installation
page174



Assembled distribution boards ASC type, mobile installation
page183



Construction site empty distribution boards
page198



Construction site assembled distribution boards, mobile installation
page199



Metallic support for distribution boards and construction site distribution boards page 195/208

# MAIN TECHNICAL FEATURES

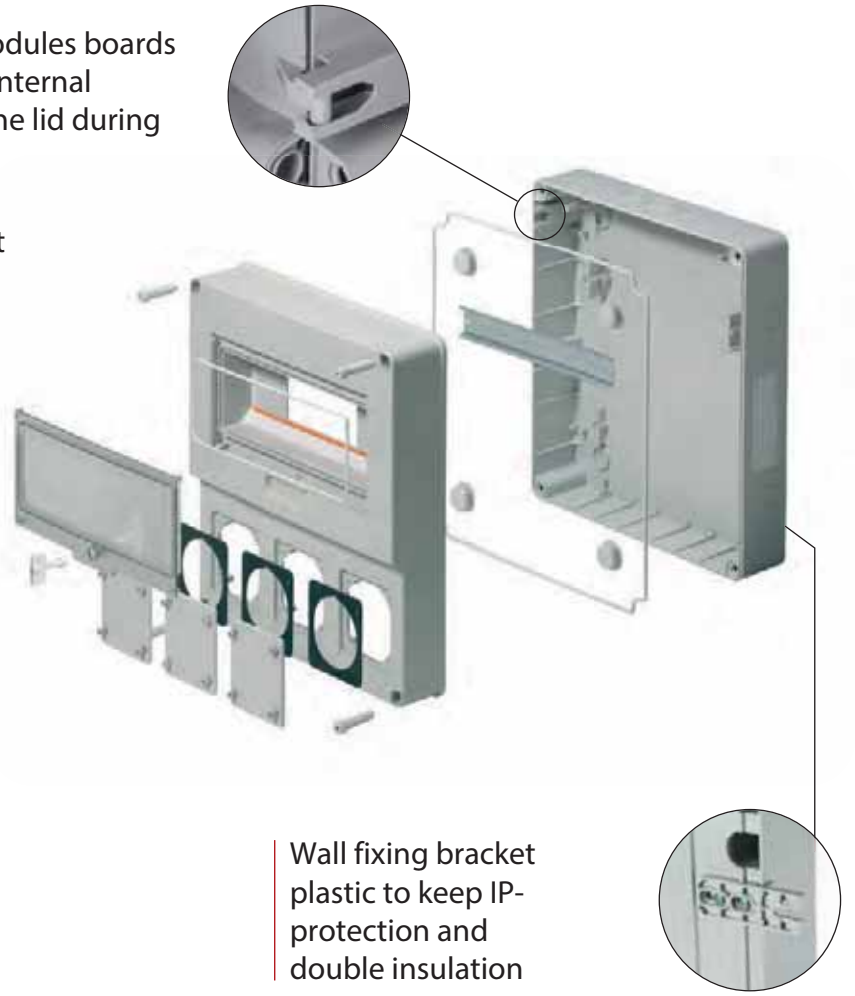
The 8, 12 and 19 modules boards are equipped with internal hinges to support the lid during wiring operations

Possibility to mount 48-75 mm high modules

Snap-on scratch-proof door with a triangle safety key

Self-adhesive circuit labels

Flanged version for sockets with fixing hole centre distance 60x60 mm



Wall fixing bracket plastic to keep IP-protection and double insulation

Blank plate for unused switches

Screw caps to gain double insulation

Cable inlet through IP55 plastic stepped glands, IP44/IP65/ IP67 conduit fittings and IP68 cable glands



Protection degree IP65: suitable for heavy uses

The distribution boards "Board System Series 690 are characterized are very strong so thay can be safely used for temporary installations such as construction sites, markets, fairs, etc

They are entirely made up of UV-resistant halogen free technopolymer on ABS-base, they are particularly suitable for outdoor use, thanks to the high impact resistance. The distribution boards, with accessories, fit different use configuration: fixed on a wall, movable with a handle or on a metal support.

Each dimension of the distribution boards Series 690 is available in 3 different version:

BLANK - fully closed board with inner reticular structure to mount sockets or other equipments by self-tapping screws.

PRE-CUT – board with standard holes to mount industrial sockets EN 60309 type of any brand and model up to 32A and inner reticular structure for a fixing by self-tapping screws.

FLANGED – board suitable to house our 16A industrial sockets or sockets with mounting flange with screw hole centre distance 60x60 mm.

The flanged boards allow the housing of our interlocked sockets: vertical, horizontal, with or without fuse holder.




boardsystem

# DISTRIBUTION BOARD **SERIES 690**

**MAIN TECHNICAL FEATURES:**
- Distribution boards completely made of shock resistant technopolymer on ABS base.
- Protection degree IP65 with closed door.
- Galvanized steel mounted DIN rail, fixed to the bottom and adjustable in depth.
- Pre-cuts for conduit or cable inlet of different sizes.
- Screw caps for double insulation included.
- Reference Standards: EN 60670-1, EN 60670-24.
- Single package in strong cardboard boxes suitable for transport and storage.
- Blank flanges with screws and gaskets included.

**IP65**

GREY RAL 7035

## Distribution boards for 2 vertical sockets - 4 modules

| | ITEM | TYPE | EXTERNAL DIMENSIONS W x H x D mm | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|
| | **EC69001** | BLANK | 105x337x95 | 9 | 1/15 |
| | **EC69011** | PRE-CUT | 105x337x95 | 9 | 1/15 |
| * | **EC69021** | FLANGED | 105x337x95 | 9 | 1/15 |

## Distribution boards for 3 vertical sockets - 4 modules

| | ITEM | TYPE | EXTERNAL DIMENSIONS W x H x D mm | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|
| | **EC69002** | BLANK | 105x430x95 | 9 | 1/13 |
| | **EC69012** | PRE-CUT | 105x430x95 | 9 | 1/13 |
| * | **EC69022** | FLANGED | 105x430x95 | 9 | 1/13 |

***Flanged version for ELETTROCANALI 16A sockets and similar with 60x60 mm hole centre distance**



**EC69001** **EC69011** **EC69021** **EC69002** **EC69012** **EC69022**

# DISTRIBUTION BOARD **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Distribution boards completely made of shock resistant technopolymer on ABS base.
- Protection degree IP65 with closed door.
- 90° openable hinged door with holding position device to make maintenance operations easier.
- Galvanized steel mounted DIN rail, fixed to the bottom and adjustable in depth.
- Pre-cuts for conduit or cable inlet of different sizes.
- Screw caps for double insulation included.
- Reference Standards: EN 60670-1, EN 60670-24.
- Single package in strong cardboard boxes suitable for transport and storage.
- Blank flanges with screws and gaskets included.

**IP65**

CE

GREY RAL 7035

## Distribution boards for 4 sockets - 8 modules

| | ITEM | TYPE | EXTERNAL DIMENSIONS W x H x D mm | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|
| | **EC69003** | BLANK | 200x430x95 | 13 | 1 |
| | **EC69013** | PRE-CUT | 200x430x95 | 13 | 1 |
| * | **EC69023** | FLANGED | 200x430x95 | 13 | 1 |

***Flanged version for ELETTROCANALI 16A sockets and similar with 60x60 mm hole centre distance**



**EC69003** **EC69013** **EC69023**

boardsystem

# DISTRIBUTION BOARD **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Distribution boards completely made of shock resistant technopolymer on ABS base.
- Protection degree IP65 with closed door.
- 90° openable hinged door with holding position device to make maintenance operations easier.
- Galvanized steel mounted DIN rail, fixed to the bottom and adjustable in depth.
- Pre-cuts for conduit or cable inlet of different sizes.
- Screw caps for double insulation included.
- Reference Standards: EN 60670-1, EN 60670-24.
- Single package in strong cardboard boxes suitable for transport and storage.
- Blank flanges with screws and gaskets included. (except 69045).

**IP65**

GREY RAL 7035

## Distribution boards for 3 horizontal sockets - 12 modules

| | ITEM | TYPE | EXTERNAL DIMENSIONS W x H x D mm | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|
| | **EC69004** | BLANK | 320x360x135 | 24 | 1 |
| | **EC69014** | PRE-CUT | 320x360x135 | 24 | 1 |
| * | **EC69024** | FLANGED | 320x360x135 | 24 | 1 |
| | **EC69034** | FLANGED FOR 2 INTERLOCKED HORIZONTAL SOCKETS 16/32A WITHOUT FUSE HOLDER | 320x360x135 | 24 | 1 |

## Distribution boards for 6 sockets - 12 modules

| | ITEM | TYPE | EXTERNAL DIMENSIONS W x H x D mm | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|
| | **EC69005** | BLANK | 320x510x135 | 24 | 1 |
| | **EC69015** | PRE-CUT | 320x510x135 | 24 | 1 |
| * | **EC69025** | FLANGED | 320x510x135 | 24 | 1 |
| | **EC69035** | FLANGED FOR 4 INTERLOCKED HORIZONTAL SOCKETS 16/32A WITHOUT FUSE HOLDER | 320x510x135 | 24 | 1 |
| | **EC69045** | FLANGED FOR 2 INTERLOCKED VERTICAL SOCKETS 16/32/63A | 320x510x135 | 24 | 1 |

***Flanged version for ELETTROCANALI 16A sockets and similar with 60x60 mm hole centre distance**



**EC69004** **EC69014** **EC69024** **EC69034** **EC69005** **EC69015** **EC69025** **EC69035** **EC69045**

# DISTRIBUTION BOARD SERIES 690

**MAIN TECHNICAL FEATURES:**

- Distribution boards completely made of shock resistant technopolymer on ABS base.
- Protection degree IP65 with closed door.
- 90° openable hinged door with holding position device to make maintenance operations easier.
- Galvanized steel mounted DIN rail, fixed to the bottom and adjustable in depth.
- Pre-cuts for conduit or cable inlet of different sizes.
- Screw caps for double insulation included.
- Reference Standards: EN 60670-1, EN 60670-24.
- Single package in strong cardboard boxes suitable for transport and storage.
- Blank flanges with screws and gaskets included. (only 69026).

**IP65**

CE

GREY RAL 7035

## Distribution boards for 8 sockets - 19 modules

| | ITEM | TYPE | EXTERNAL DIMENSIONS W x H x D mm | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|
| | **EC69006** | BLANK | 400x525x135 | 30 | 1 |
| | **EC69016** | PRE-CUT | 400x525x135 | 30 | 1 |
| * | **EC69026** | FLANGED | 400x525x135 | 30 | 1 |
| | **EC69036** | FLANGED FOR 4 INTERLOCKED HORIZONTAL SOCKETS 16/32A WITH FUSE HOLDER | 400x525x135 | 30 | 1 |
| | **EC69046** | FLANGED FOR 3 INTERLOCKED VERTICAL SOCKETS 16/32/63A | 400x525x135 | 30 | 1 |

***Flanged version for ELETTROCANALI 16A sockets and similar with 60x60 mm hole centre distance**



**EC69006** **EC69016** **EC69026** **EC69036** **EC69046**

boardsystem

# ACCESSORIES FOR DISTRIBUTION BOARDS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on ABS base for flanges.
- Material: rigid 6.6 Nylon for handles and connecting devices.
- Material : made of shock resistant technopolymer on PC base, resistance to abnormal heat: up to 960° C (Glow Wire Test, Reference Standard IEC 60695-2-11) for terminal blok supports.
- Possibility to install up to 4 terminal blocks.
- For available terminal blocks, see enclosures section.

CE

GREY RAL 7035

## Connecting devices to get combinations of modular enclosures and boards

| ITEM | TYPE | INTERNAL Ø mm | HOLE Ø mm | FERRULE Ø mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC52121** | PG21 | 21,6 | 29,0 | 38,0 | 23,0 | 10/50 |
| **EC52129** | PG29 | 27,7 | 37,5 | 44,2 | 23,0 | 10/50 |
| **EC52136** | PG36 | 34,9 | 47,5 | 52,6 | 24,5 | 10/50 |

## Spare flanges with screws and gaskets for flanged boards

| ITEM | DIMENSIONS mm | FOR BOARD | PACKAGING PIECES |
|---|---|---|---|
| **EC690F1** | 74x85 | 69021-22-23-24-25-26-690F4 | 10 |
| **EC690F2** | 153x104 | 69034-69035 | 10 |
| **EC690F3** | 120x280 | 69045-69046 | 10 |
| **EC690F5** | 197x149 | 69036 | 10 |

## Flange for 2 industrial sockets 16/32A or schuko sockets

| ITEM | DIMENSIONS mm | FOR BOARD | PACKAGING PIECES |
|---|---|---|---|
| **EC690F4** | 120x280 | Flange for 2 panel mounting sockets 16/32A or schuko sockets on support on boards 69045-46 | 1/20 |

## Flange for auxiliary controls Ø 22 and 50x50 panel mounting sockets

| ITEM | DIMENSIONS mm | FOR BOARD | PACKAGING PIECES |
|---|---|---|---|
| **EC690F6** | 74x85 - Ø 22 auxiliary controls | Flanged boards 69021-22-23-24-25-26 | 10 |
| **EC690F7** | 74x85 - Ø 43 panel mounting sockets flange 50x50 mm | Flanged boards 69021-22-23-24-25-26 | 10 |



**EC52129**



**EC690F1**



**EC690F2/F5**



**EC690F3**



**EC690F4**



**EC690F6**



**EC690F7**

board system

# ACCESSORIES FOR DISTRIBUTION BOARDS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on ABS base for flanges.
- Material: rigid 6.6 Nylon for handles and connecting devices.
- Material : made of shock resistant technopolymer on PC base, resistance to abnormal heat: up to 960° C (Glow Wire Test, Reference Standard IEC 60695-2-11) for terminal blok supports.
- Possibility to install up to 4 terminal blocks.
- For available terminal blocks, see enclosures section.

CE

GREY RAL 7035

## Handles with insulated screws

| ITEM | COLOUR | DIMENSIONS W x H x D mm | PACKAGING PIECES |
|---|---|---|---|
| **EC690MA** | ■ | 134 x43 x 26,5 | 1/10 |

## Modular blank plates for distribution boards and enclosures, 4,5 modules

| ITEM | DIMENSIONS mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC600TC** | 4,5 modules DIN EN 50022 - 52x82 | GREY RAL 7035 | 25 |

## Plastic supports for brass terminal blocks

| ITEM | FOR BOARDS | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC67004** | 8 modules boards | GREY RAL 7035 | -/10 |
| **EC67012** | 12 and 19 modules boards | GREY RAL 7035 | -/10 |

## Plastic bracket to keep IP-protection and double insulation

| ITEM | DIMENSIONS mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC600SF** | 20x13x59 | GREY RAL 7035 | 50 |

## DIN rail adapter for 2 «MyLIFE» devices

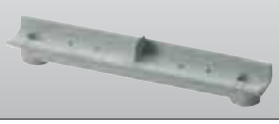
| ITEM | DIMENSIONS mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **ECL4608** | 50 x 45 x 57 | GREY RAL 7035 | 40 |



**EC690MA**



**EC600TC**



**EC67004**



**EC600SF**



**ECL4608**

boardsystem

# MAIN TECHNICAL FEATURES

## SAMPLE OF CONFIGURATION "ASC"

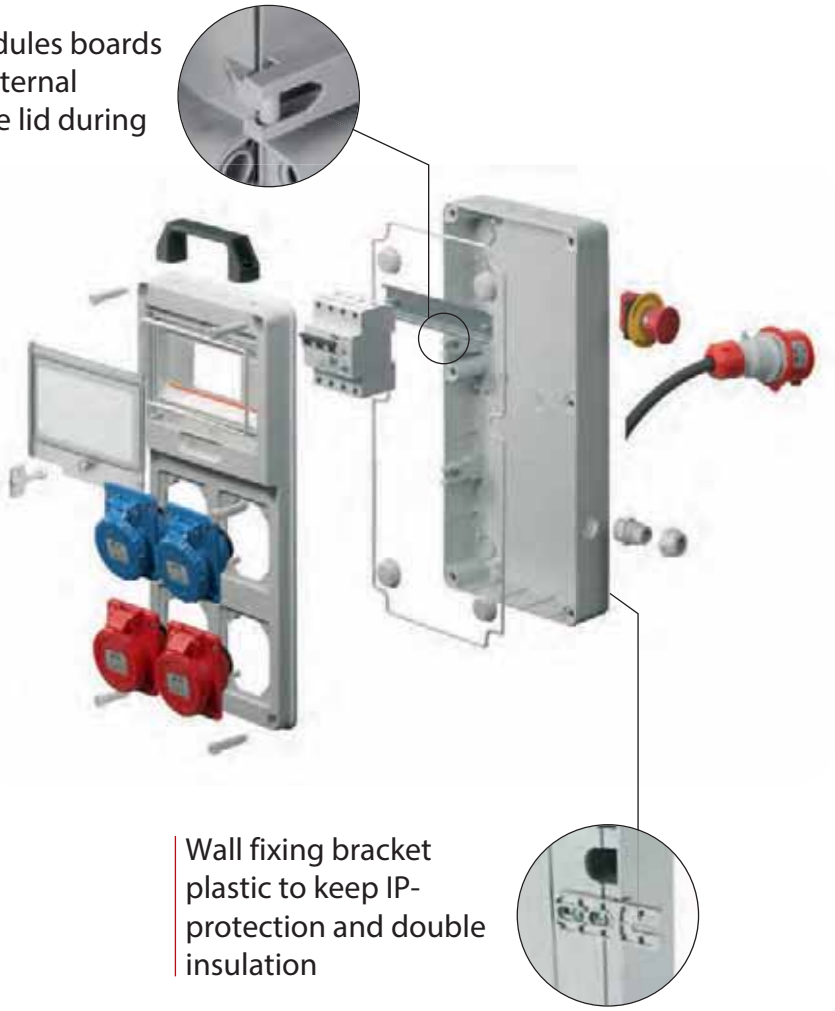
The 8, 12 and 19 modules boards are equipped with internal hinges to support the lid during wiring operation

Carrying handle

Self-adhesive circuit labels

Blank plate for unused switches

Snap-on scratch-proof door with a triangle safety keye



Wall fixing bracket plastic to keep IP-protection and double insulation

16 A sockets EN60309 or protected schuko/ bivalent sockets

Screw caps to gain double insulation

Combined circuit breaker which can be mounted together with the emergency button (on request)

Inlet through power cable by cable gland and industrial socke

The distribution boards Board System Series 690 are one of the most flexible and adaptable solution thanks to the several combinations: inclined 16A industrial sockets EN 60309 from 2 to 8 seats, horizontal 16/32A interlocked sockets without fuse holder from 2 to 4 seats, horizontal 16/32A interlocked sockets without fuse holder with 4 seats, vertical 16/32A interlocked sockets with fuse holder from 2 to 3 seats, vertical 16/32A interlocked sockets with fuse holder with 4 seats, the possibility to install also Schuko / bivalent sockets.

The distribution boards comply with the requirements of the Reference Standard EN 61439 "Low-voltage switchgear and controlgear assemblies", are supplied complete with wiring diagram, conformity declaration and label with relevant data. They are available in 2 different versions:
ASSEMBLED BOARD TYPE BDO: board equipped with protective devices and intended for installation in places accessible to unskilled personnel untrained to the specific use. Usually used for fixed installation.

ASSEMBLED BOARD TYPE ASC: board equipped with protective devices and intended for use on construction sites, or at least in places of temporary work, which is only accessed by authorized and qualified personnel. Typically used for mobile installations because it is suitable for being moved frequently and supplied with carrying handle and power cable with industrial plug. Each cabled distribution board is supplied complete with wiring diagram and declaration of conformity.



board system

# ASSEMBLED DISTRIBUTION BOARDS DBO TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-3.
- Suggested application: wall fixed installation.
- Distribution boards intended to be operated by ordinary persons.
- Supplied with: inclined EN 60309 sockets or Italian standard/schuko sockets, MCB 6kA, 16A protection devices, screw caps for double insulation.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combination supplied on request.**

CE

GREY RAL 7035

## Assembled distribution board DBO type - 2 vertical sockets - 16A

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902120** | 1 | 1 | - | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902121** | 2 | - | - | - | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902122** | 1 | - | - | 1 | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902123** | - | - | - | 2 | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902124** | - | 2 | - | - | 44 | 1x3P 16A | 10,5 kW | 1 |
| **EC6902130** | 1 | 1 | - | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902131** | 2 | - | - | - | 65 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902132** | - | 2 | - | - | 65 | 1x3P 16A | 10,5 kW | 1 |

## Assembled distribution board DBO type - 3 vertical sockets - 16A

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902220** | 2 | 1 | - | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902221** | 1 | 1 | 1 | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902222** | 2 | - | - | 1 | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902223** | 1 | 2 | - | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902224** | 1 | 1 | - | 1 | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902225** | 3 | - | - | - | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902226** | - | - | - | 3 | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902227** | - | 3 | - | - | 44 | 1x3P 16A | 10,5 kW | 1 |
| **EC6902230** | 2 | 1 | - | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902231** | 1 | 2 | - | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902232** | 1 | 1 | 1 | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902233** | 3 | - | - | - | 65 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902234** | - | 3 | - | - | 65 | 1x3P 16A | 10,5 kW | 1 |

Dimensions W x H x D: 105x337x95 mm



Dimensions W x H x D: 105x430x95 mm



# ASSEMBLED DISTRIBUTION BOARDS DBO TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-3.
- Suggested application: wall fixed installation.
- Distribution boards intended to be operated by ordinary persons.
- Supplied with: inclined EN 60309 sockets or Italian standard/schuko sockets, MCB 6kA, 16A protection devices, screw caps for double insulation.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combination supplied on request.**

CE

GREY RAL 7035

## Assembled distribution board DBO type - 4 sockets - 16A

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902320** | 2 | 2 | - | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902321** | 2 | 1 | 1 | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902322** | 1 | 1 | 1 | 1 | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902323** | 2 | - | - | 2 | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902324** | 4 | - | - | - | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902325** | - | 4 | - | - | 44 | 1x3P 16A | 10,5 kW | 1 |
| **EC6902326** | 3 | 1 | - | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902330** | 2 | 2 | - | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902331** | 2 | 1 | 1 | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902332** | 1 | 2 | 1 | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902333** | 4 | - | - | - | 65 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902334** | - | 4 | - | - | 65 | 1x3P 16A | 10,5 kW | 1 |
| **EC6902336** | 3 | 1 | - | - | 65 | 1x4P 16A | 10,5 kW | 1 |

Dimensions B x H x P: 200x430x95 mm



boardsystem

# ASSEMBLED DISTRIBUTION BOARDS DBO TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-3.
- Suggested application: wall fixed installation.
- Distribution boards intended to be operated by ordinary persons.
- Distribution boards 3 sockets supplied with: inclined EN 60309 sockets or Italian standard/schuko sockets, MCB 6kA, 16A protection devices, screw caps for double insulation.
- Distribution boards 2 interlocked sockets 16/32A supplied with: inclined interlocked EN 60309 sockets, MCB 6kA, 16/32A protection devices, screw caps for double insulation.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

CE

GREY RAL 7035

## Assembled distribution board DBO type - 3 horizontal sockets - 16A

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902420** | 2 | 1 | - | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902421** | 1 | 2 | - | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902422** | 1 | 1 | 1 | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902423** | 1 | 1 | - | 1 | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902424** | 3 | - | - | - | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902425** | - | 3 | - | - | 44 | 1x3P 16A | 10,5 kW | 1 |
| **EC6902430** | 2 | 1 | - | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902431** | 1 | 2 | - | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902432** | 1 | 1 | 1 | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902433** | 3 | - | - | - | 65 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902434** | - | 3 | - | - | 65 | 1x3P 16A | 10,5 kW | 1 |

## Assembled distribution board DBO type - 2 horizontal interlocked sockets without fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS | | | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | | | | |
| **EC6902460** | 2x16A | - | - | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902461** | - | 2x16A | - | 44 | 1x3P 16A | 10,5 kW | 1 |
| **EC6902462** | 1x16A | 1x16A | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902463** | 1x16A | - | 1x16A | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902464** | 1x16A | 1x32A | - | 44 | 1x2P16A + 1x3P 32A | 24,5 kW | 1 |
| **EC6902465** | 1x16A | - | 1x32A | 44 | 1x2P16A + 1x4P 32A | 24,5 kW | 1 |
| **EC6902470** | 2x16A | - | - | 65 | 1x2P 16A | 3,6 kW | 1 |
| **EC6902471** | - | 2x16A | - | 65 | 1x3P 16A | 10,5 kW | 1 |
| **EC6902472** | 1x16A | 1x16A | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902473** | 1x16A | - | 1x16A | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6902474** | 1x16A | 1x32A | - | 65 | 1x2P16A + 1x3P 32A | 24,5 kW | 1 |
| **EC6902475** | 1x16A | - | 1x32A | 65 | 1x2P16A + 1x4P 32A | 24,5 kW | 1 |

Dimensions W x H x D: 360x320x135 mm





# ASSEMBLED DISTRIBUTION BOARDS DBO TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-3.
- Suggested application: wall fixed installation.
- Distribution boards intended to be operated by ordinary persons.
- Distribution boards 6 sockets supplied with: inclined EN 60309 sockets or Italian standard/schuko sockets, MCB 6kA, 16A protection devices, screw caps for double insulation.
- Distribution boards 4 interlocked sockets 16/32A supplied with: inclined interlocked EN 60309 sockets, MCB 6kA, 16/32A protection devices, screw caps for double insulation.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

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## Assembled distribution board DBO type - 6 sockets - 16A

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902520** | 3 | 3 | - | - | 44 | 1x2P 16A + 1x3P 16A | 14,1 kW | 1 |
| **EC6902521** | 2 | 2 | 2 | - | 44 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6902522** | 2 | 2 | 1 | 1 | 44 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6902523** | 2 | 1 | 1 | 2 | 44 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6902524** | 6 | - | - | - | 44 | 2x2P 16A | 7,2 kW | 1 |
| **EC6902525** | - | 6 | - | - | 44 | 2x3P 16A | 21,0 kW | 1 |
| **EC6902530** | 3 | 3 | - | - | 65 | 1x2P 16A + 1x3P 16A | 14,1 kW | 1 |
| **EC6902531** | 2 | 2 | 2 | - | 65 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6902532** | 3 | 2 | 1 | - | 65 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6902533** | 6 | - | - | - | 65 | 2x2P 16A | 7,2 kW | 1 |
| **EC6902534** | - | 6 | - | - | 65 | 2x3P 16A | 21,0 kW | 1 |
| **EC6902535** | 4 | 2 | - | - | 65 | 2x2P 16A + 1x3P 16A | 17,7 kW | 1 |

## Assembled distribution board DBO type - 4 horizontal interlocked sockets without fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS | | | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | | | | |
| **EC6902560** | 2x16A | 2x16A | - | 44 | 1x2P 16A + 1x3P 16A | 14,1 kW | 1 |
| **EC6902561** | 2x16A | 1x16A | 1x16A | 44 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6902562** | 4x16A | - | - | 44 | 2x2P 16A | 7,2 kW | 1 |
| **EC6902563** | - | 4x16A | - | 44 | 2x3P 16A | 21,0 kW | 1 |
| **EC6902564** | 2x16A | 1x16A | - | 44 | 1x2P 16A + 1x3P 16A | 34,7 kW | 1 |
| | - | 1x32A | - | | +1x3P 32A | | |
| **EC6902565** | 2x16A | 1x16A | 1x32A | 44 | 1x2P 16A + 1x3P 16A | 34,7 kW | 1 |
| | | | | | +1x4P 32A | | |
| **EC6902570** | 2x16A | 2x16A | - | 65 | 1x2P 16A + 1x3P 16A | 14,1 kW | 1 |
| **EC6902571** | 2x16A | 1x16A | 1x16A | 65 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6902572** | 4x16A | - | - | 65 | 2x2P 16A | 7,2 kW | 1 |
| **EC6902573** | - | 4x16A | - | 65 | 2x3P 16A | 21,0 kW | 1 |
| **EC6902574** | 2x16A | 1x16A | - | 65 | 1x2P 16A + 1x3P 16A | 34,7 kW | 1 |
| | - | 1x32A | - | | +1x3P 32A | | |
| **EC6902575** | 2x16A | 1x16A | 1x32A | 65 | 1x2P 16A + 1x3P 16A | 34,7 kW | 1 |
| | | | | | +1x4P 32A | | |



Dimensions W x H x D: 320x510x135 mm



boardsystem

# ASSEMBLED DISTRIBUTION BOARDS DBO TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-3.
- Suggested application: wall fixed installation.
- Distribution boards intended to be operated by ordinary persons.
- Distribution boards 8 sockets supplied with: inclined EN 60309 sockets or Italian standard/schuko sockets, MCB 6kA, 16A protection devices, screw caps for double insulation.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

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## Assembled distribution board DBO type - 8 sockets - 16A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | IP PROTECTION DEGRE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC6902620** | 8 | - | - | 44 | 4x2P 16A | 14,1 kW | 1 |
| **EC6902621** | 4 | 4 | - | 44 | 1x2P 16A + 1x3P 16A | 13,8 kW | 1 |
| **EC6902622** | 4 | - | 4 | 44 | 1x2P 16A + 1x4P 16A | 13,8 kW | 1 |
| **EC6902623** | 4 | 2 | 2 | 44 | 1x2P 16A + 1x4P 16A | 13,8 kW | 1 |
| **EC6902630** | 8 | - | - | 65 | 4x2P 16A | 14,1 kW | 1 |
| **EC6902631** | 4 | 4 | - | 65 | 1x2P 16A + 1x3P 16A | 13,2 kW | 1 |
| **EC6902632** | 4 | - | 4 | 65 | 1x2P 16A + 1x4P 16A | 13,2 kW | 1 |
| **EC6902633** | 4 | 2 | 2 | 65 | 1x2P 16A + 1x4P 16A | 13,2 kW | 1 |

Dimensions W x H x D: 400x525x135 mm



# ASSEMBLED DISTRIBUTION BOARDS DBO TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-3.
- Suggested application: wall fixed installation.
- Distribution boards intended to be operated by ordinary persons.
- Supplied with interlocked sockets 16/32A with fuse holder gG 10,3x38 mm type (not included) and LED light indicator for blown fuse, MCB 6kA, 16/32A protection devices, screw caps for double insulation.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

*LED light indicator for blown fuse*



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## Assembled distribution board DBO type - 2 interlocked vertical sockets with fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC6904540** | 2x16A | - | - | 44 | 1x2P 16A | 3,6 kW | 1 |
| **EC6904541** | - | 2x16A | - | 44 | 1x3P 16A | 10,5 kW | 1 |
| **EC6904542** | - | - | 2x16A | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6904543** | 1x16A | 1x16A | - | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6904544** | 1x16A | - | 1x16A | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6904545** | - | 1x16A | 1x16A | 44 | 1x4P 16A | 10,5 kW | 1 |
| **EC6904546** | 2x32A | - | - | 44 | 1x2P 32A | 7,0 kW | 1 |
| **EC6904547** | - | 2x32A | - | 44 | 1x3P 32A | 21,0 kW | 1 |
| **EC6904548** | - | - | 2x32A | 44 | 1x4P 32A | 21,0 kW | 1 |
| **EC6904549** | 1x16A | 1x32A | - | 44 | 1x4P 32A | 21,0 kW | 1 |
| **EC6904550** | 1x16A | - | 1x32A | 44 | 1x4P 32A | 21,0 kW | 1 |
| **EC6904551** | - | 1x32A | 1x32A | 44 | 1x4P 32A | 21,0 kW | 1 |
| | | | | | | | |
| **EC6904560** | 2x16A | - | - | 65 | 1x2P 16A | 3,6 kW | 1 |
| **EC6904561** | - | 2x16A | - | 65 | 1x3P 16A | 10,5 kW | 1 |
| **EC6904562** | - | - | 2x16A | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6904563** | 1x16A | 1x16A | - | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6904564** | 1x16A | - | 1x16A | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6904565** | - | 1x16A | 1x16A | 65 | 1x4P 16A | 10,5 kW | 1 |
| **EC6904566** | 2x32A | - | - | 65 | 1x2P 32A | 7,0 kW | 1 |
| **EC6904567** | - | 2x32A | - | 65 | 1x3P 32A | 21,0 kW | 1 |
| **EC6904568** | - | - | 2x32A | 65 | 1x4P 32A | 21,0 kW | 1 |
| **EC6904569** | 1x16A | 1x32A | - | 65 | 1x4P 32A | 21,0 kW | 1 |
| **EC6904570** | 1x16A | - | 1x32A | 65 | 1x4P 32A | 21,0 kW | 1 |
| **EC6904571** | - | 1x32A | 1x32A | 65 | 1x4P 32A | 21,0 kW | 1 |

**On request the sockets can be supplied without fuse holder**

Dimensions W x H x D: 320x510x135 mm



boardsystem

# ASSEMBLED DISTRIBUTION BOARDS DBO TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-3.
- Suggested application: wall fixed installation.
- Distribution boards intended to be operated by ordinary persons.
- Supplied with interlocked sockets 16/32A with fuse holder gG 10,3x38 mm type (not included) and LED light indicator for blown fuse, MCB 6kA, 16/32A protection devices, screw caps for double insulation.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

*LED light indicator for blown fuse*

GREY RAL 7035

## Assembled distribution board DBO type - 4 horizontal interlocked sockets with fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC6903620** | 2x16A | 2x16A | - | 44 | 1x2P 16A + 1x3P 16A | 14,1 kW | 1 |
| **EC6903621** | 2x16A | - | 2x16A | 44 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6903622** | 2x16A | 2x32A | - | 44 | 1x2P 16A + 1x3P 32A | 24,5 kW | 1 |
| **EC6903623** | 2x16A | - | 2x32A | 44 | 1x2P 16A + 1x4P 32A | 24,5 kW | 1 |
| **EC6903630** | 2x16A | 2x16A | - | 65 | 1x2P 16A + 1x3P 16A | 14,1 kW | 1 |
| **EC6903631** | 2x16A | - | 2x16A | 65 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6903632** | 2x16A | 2x32A | - | 65 | 1x2P 16A + 1x3P 32A | 24,5 kW | 1 |
| **EC6903633** | 2x16A | - | 2x32A | 65 | 1x2P 16A + 1x4P 32A | 24,5 kW | 1 |

## Assembled distribution board DBO type - 3 vertical interlocked sockets with fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC6904620** | 2x16A | 1x16A | - | 44 | 1x2P 16A + 1x3P 16A | 14,1 kW | 1 |
| **EC6904621** | 1x16A | - | 2x16A | 44 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6904622** | 2x16A | 1x32A | - | 44 | 1x2P 16A + 1x3P 32A | 24,5 kW | 1 |
| **EC6904623** | 2x16A | - | 1x32A | 44 | 1x2P 16A + 1x4P 32A | 24,5 kW | 1 |
| **EC6904630** | 2x16A | 1x16A | - | 65 | 1x2P 16A + 1x3P 16A | 14,1 kW | 1 |
| **EC6904631** | 1x16A | - | 2x16A | 65 | 1x2P 16A + 1x4P 16A | 14,1 kW | 1 |
| **EC6904632** | 2x16A | 1x32A | - | 65 | 1x2P 16A + 1x3P 32A | 24,5 kW | 1 |
| **EC6904633** | 2x16A | - | 1x32A | 65 | 1x2P 16A + 1x4P 32A | 24,5 kW | 1 |

Dimensions W x H x D: 400x525x135 mm





**On request the vertical sockets can be supplied without fuse holder**

# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Supplied with inclined EN 60309 sockets or Italian standard/schuko sockets, MCB 16A protection devices 6kA, RCCB or RCBO 40A 30mA, screw caps for double insulation, 4 mt cable H07RN-F with EN 60309 16A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

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## Assembled distribution board ASC type - 2 vertical sockets - 16A

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | RCBO PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902100** | 1 | 1 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902101** | 1 | - | - | 1 | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902102** | 2 | - | - | - | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902103** | - | - | - | 2 | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902104** | - | 2 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902110** | 1 | 1 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902111** | 2 | - | - | - | 65 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902112** | - | 2 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E**

## Assembled distribution board ASC type - 3 vertical sockets - 16A

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | RCBO PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902200** | 2 | 1 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902201** | 1 | 1 | 1 | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902202** | 2 | - | - | 1 | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902203** | 1 | 2 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902204** | 1 | 1 | - | 1 | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902205** | 3 | - | - | - | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902206** | - | 3 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902207** | - | - | - | 3 | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902210** | 2 | 1 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902211** | 1 | 2 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902212** | 1 | 1 | 1 | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902213** | 3 | - | - | - | 65 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902214** | - | 3 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E.**

Dimensios W x H x D:
105x337x95 mm



Dimensions W x H x D:
105x430x95 mm



boardsystem

# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Supplied with inclined EN 60309 sockets or Italian standard/schuko sockets, MCB 16A protection devices 6kA, RCCB or RCBO 40A 30mA, screw caps for double insulation, 4 mt cable H07RN-F with EN 60309 16A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

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## Assembled distribution board ASC type - 4 sockets - 16A

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | RCBO PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902300** | 2 | 2 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902301** | 2 | 1 | 1 | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902302** | 1 | 1 | 1 | 1 | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902303** | 2 | - | - | 2 | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902304** | 4 | - | - | - | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902305** | - | 4 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902308** | 3 | 1 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902310** | 2 | 2 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902311** | 2 | 1 | 1 | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902312** | 1 | 2 | 1 | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902313** | 4 | - | - | - | 65 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902314** | - | 4 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902318** | 3 | 1 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E**

## Assembled distribution board ASC type - 4 sockets - 16A - with support

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | RCBO PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902300C** | 2 | 2 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902303C** | 2 | - | - | 2 | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902304C** | 4 | - | - | - | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902310C** | 2 | 2 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902313C** | 4 | - | - | - | 65 | 1x2P 16A - 30mA | 3,6 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E.**



Dimensions W x H x D: 200x430x95 mm



# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Supplied with inclined EN 60309 sockets or Italian standard/schuko sockets, MCB 16A protection devices 6kA, RCCB or RCBO 40A 30mA, screw caps for double insulation, 4 mt cable H07RN-F with EN 60309 16A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

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## Assembled distribution board ASC type - 4 sockets - 16A - with support and protection

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | RCBO PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902300T** | 2 | 2 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902301T** | 2 | 1 | 1 | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902302T** | 1 | 1 | 1 | 1 | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902303T** | 2 | - | - | 2 | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902304T** | 4 | - | - | - | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902305T** | - | 4 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902310T** | 2 | 2 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902311T** | 2 | 1 | 1 | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902312T** | 1 | 2 | 1 | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902313T** | 4 | - | - | - | 65 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902314T** | - | 4 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E.**

Dimensions W x H x D: 200x430x95 mm



# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4. Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Distribution boards ASC type supplied with 3 inclined EN 60309 sockets 16A or Italian standard/schuko sockets, MCB 16A protection devices 6kA, RCCB or RCBO 40A 30mA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60309 16A plug.
- Distribution boards ASC type supplied with 2 inclined interlocked EN 60309 sockets 16/32A, MCB 16/32A protection devices 6kA, RCCB or RCBO 40A 30mA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60309 16/32A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

CE

GREY RAL 7035

## Assembled distribution board ASC type - 3 horizontal sockets - 16A

| ITEM | INSTALLED SOCKETS | | | | IP PROTECTION DEGREE | RCBO PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | |
| **EC6902400** | 2 | 1 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902401** | 1 | 2 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902402** | 1 | 1 | 1 | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902403** | 1 | 1 | - | 1 | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902404** | 3 | - | - | - | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902405** | - | 3 | - | - | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902410** | 2 | 1 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902411** | 1 | 2 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902412** | 1 | 1 | 1 | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902413** | 3 | - | - | - | 65 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902414** | - | 3 | - | - | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E.**

## Assembled distribution board ASC type - 2 horizontal interlocked sockets without fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS | | | PLUG | IP PROTECTION DEGREE | RCBO OR RCCB PROTECTION DEVICE 30mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | | | | | |
| **EC6902440** | 2x16A | - | - | 16A | 44 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902441** | - | 2x16A | - | 16A | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902442** | 1x16A | 1x16A | - | 16A | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902443** | 1x16A | - | 1x16A | 16A | 44 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902444** | 1x16A | 1x32A | - | 32A | 44 | 1x2P 16A + 1x3P 32A | 21,0 kW | 1 |
| | | | | | | RCCB 40A | | |
| **EC6902445** | 1x16A | - | 1x32A | 32A | 44 | 1x2P 16A + 1x4P 32A | 21,0 kW | 1 |
| | | | | | | RCCB 40A | | |
| **EC6902450** | 2x16A | - | - | 16A | 65 | 1x2P 16A - 30mA | 3,6 kW | 1 |
| **EC6902451** | - | 2x16A | - | 16A | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902452** | 1x16A | 1x16A | - | 16A | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902453** | 1x16A | - | 1x16A | 16A | 65 | 1x4P 16A - 30mA | 10,5 kW | 1 |
| **EC6902454** | 1x16A | 1x32A | - | 32A | 65 | 1x2P 16A + 1x3P 32A | 21,0 kW | 1 |
| | | | | | | RCCB 40A | | |
| **EC6902455** | 1x16A | - | 1x32A | 32A | 65 | 1x2P 16A + 1x4P 32A | 21,0 kW | 1 |
| | | | | | | RCCB 40A | | |

- **Available on request with cabled emergency push-button, item code ...-E.**



Dimensions W x H x D: 320x360x135 mm



boardsystem

# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Distribution boards ASC type supplied with inclined EN 60309 sockets 16A or Italian standard/schuko sockets, MCB 16A protection devices 6kA, RCCB or RCBO 40A 30mA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60309 16A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

CE

GREY RAL 7035

## Assembled distribution board ASD type - 6 sockets - 16A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | IP PROTECTION DEGREE | PROTECTION DEVICE MCB 16A RCCB 30mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC6902500** | 3 | 3 | - | - | 44 | 1x2P+1x3P 1x4P 40A | 10,5 kW | 1 |
| **EC6902501** | 2 | 2 | 2 | - | 44 | 1x2P+1x4P 1x4P 40A | 10,5 kW | 1 |
| **EC6902502** | 2 | 2 | 1 | 1 | 44 | 1x2P+1x4P 1x4P 40A | 10,5 kW | 1 |
| **EC6902503** | 2 | 1 | 1 | 2 | 44 | 2x2P+1x4P 1x4P 40A | 10,5 kW | 1 |
| **EC6902504** | 6 | - | - | - | 44 | 2x2P 1x2P 40A | 3,6 kW | 1 |
| **EC6902505** | - | 6 | - | - | 44 | 2x3P 1x4P 40A | 10,5 kW | 1 |
| **EC6902510** | 3 | 3 | - | - | 65 | 1x2P+1x3P 1x4P 40A | 10,5 kW | 1 |
| **EC6902511** | 2 | 2 | 2 | - | 65 | 1x2P+1x4P 1x4P 40A | 10,5 kW | 1 |
| **EC6902512** | 3 | 2 | 1 | - | 65 | 1x2P+1x4P 1x4P 40A | 10,5 kW | 1 |
| **EC6902513** | 6 | - | - | - | 65 | 2x2P 1x2P 40A | 3,6 kW | 1 |
| **EC6902514** | - | 6 | - | - | 65 | 2x3P 1x4P 40A | 10,5 kW | 1 |
| **EC6902515** | 4 | 2 | - | - | 65 | 2x2P+1x3P 1x4P 40A | 10,5 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E.**

Dimensions B x H x P: 320x510x135 mm



boardsystem

# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Distribution boards ASC type supplied with inclined EN 60309 sockets 16A or Italian standard/schuko sockets, MCB 16A protection devices 6kA, RCCB or RCBO 40A 30mA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60309 16A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

CE

GREY RAL 7035

## Assembled distribution board ASC type - 6 sockets - 16A - with support

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | IP PROTECTION DEGREE | PROTECTION DEVICE MCB 16A | RCCB 30mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|
| **EC6902500C** | 3 | 3 | - | - | 44 | 1x2P+1x3P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902501C** | 2 | 2 | 2 | - | 44 | 1x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902502C** | 2 | 2 | 1 | 1 | 44 | 1x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902503C** | 2 | 1 | 1 | 2 | 44 | 2x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902504C** | 6 | - | - | - | 44 | 2x2P | 1x2P 40A | 3,6 kW | 1 |
| **EC6902505C** | - | 6 | - | - | 44 | 3x3P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902510C** | 3 | 3 | - | - | 65 | 1x2P+1x3P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902511C** | 2 | 2 | 2 | - | 65 | 1x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902512C** | 3 | 2 | 1 | - | 65 | 1x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902513C** | 6 | - | - | - | 65 | 2x2P | 1x2P 40A | 3,6kW | 1 |
| **EC6902514C** | - | 6 | - | - | 65 | 2x3P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902515C** | 4 | 2 | - | - | 65 | 2x2P+1x3P | 1x4P 40A | 10,5 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E.**

Dimensions W x H x D: 320x510x135 mm



# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Distribution boards ASC type supplied with inclined EN 60309 sockets 16A or Italian standard/schuko sockets, MCB 16A protection devices 6kA, RCCB or RCBO 40A 30mA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60309 16A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

CE

GREY RAL 7035

## Assembled distribution board ASC type - 6 sockets - 16A - with support and protection

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | IP PROTECTION DEGREE | PROTECTION DEVICE MCB 16A | RCCB 30mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|---|
| **EC6902500T** | 3 | 3 | - | - | | 44 | 1x2P+1x3P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902501T** | 2 | 2 | 2 | - | | 44 | 1x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902502T** | 2 | 2 | 1 | 1 | | 44 | 1x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902503T** | 2 | 1 | 1 | 2 | | 44 | 2x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902504T** | 6 | - | - | - | | 44 | 2x2P | 1x2P 40A | 3,6 kW | 1 |
| **EC6902505T** | - | 6 | - | - | | 44 | 2x3P | 1x4P 40A | 10,5 kW | 1 |
| | | | | | | | | | | |
| **EC6902510T** | 3 | 3 | - | - | | 65 | 1x2P+1x3P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902511T** | 2 | 2 | 2 | - | | 65 | 1x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902512T** | 3 | 2 | 1 | - | | 65 | 1x2P+1x4P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902513T** | 6 | - | - | - | | 65 | 2x2P | 1x2P 40A | 3,6 kW | 1 |
| **EC6902514T** | - | 6 | - | - | | 65 | 2x3P | 1x4P 40A | 10,5 kW | 1 |
| **EC6902515T** | 4 | 2 | - | - | | 65 | 2x2P+1x3P | 1x4P 40A | 10,5 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E.**

Dimensions B x H x P: 320x510x135 mm



boardsystem

# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Distribution boards supplied with interlocked inclined EN 60309 sockets 16/32A, MCB 16/32A protection devices 6kA, RCCB 40A 30mA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60309 16/32A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

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GREY RAL 7035

## Assembled distribution board ASC type - 4 interlocked sockets without fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG | IP PROTECTION DEGREE | PROTECTION DEVICE MCB | RCCB 30mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|
| **EC6902540** | 2x16A | 2x16A | - | 16A | 44 | 1x2P 16A + 1x3P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6902541** | 2x16A | 1x16A | 1x16A | 16A | 44 | 1x2P 16A + 1x4P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6902542** | 4x16A | - | - | 16A | 44 | 2x2P 16A | 1x2P 40A | 3,6 kW | 1 |
| **EC6902543** | - | 4x16A | - | 16A | 44 | 2x3P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6902544** | 2x16A | 1x16A | - | 32A | 44 | 1x2P 16A + 1x3P 16 | 1x4P 40A | 21,0 kW | 1 |
| | - | 1x32A | - | | | +1x3P 32A | | | |
| **EC6902545** | 2x16A | 1x16A | 1x32A | 32A | 44 | 1x2P 16A + 1x3P 16 | 1x4P 40A | 21,0 kW | 1 |
| | - | - | - | | | +1x4P 32A | | | |
| **EC6902550** | 2x16A | 2x16A | - | 16A | 65 | 1x2P 16A + 1x3P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6902551** | 2x16A | 1x16A | 1x16A | 16A | 65 | 1x2P 16A + 1x4P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6902552** | 4x16A | - | - | 16A | 65 | 2x2P 16A | 1x2P 40A | 3,6 kW | 1 |
| **EC6902553** | - | 4x16A | - | 16A | 65 | 2x3P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6902554** | 2x16A | 1x16A | - | 32A | 65 | 1x2P 16A + 1x3P 16 | 1x4P 40A | 21,0 kW | 1 |
| | - | 1x32A | - | | | +1x3P 32A | | | |
| **EC6902555** | 2x16A | 1x16A | 1x32A | 32A | 65 | 1x2P 16A + 1x3P 16 | 1x4P 40A | 21,0 kW | 1 |
| | - | - | - | | | +1x4P 32A | | | |

- **Available on request with cabled emergency push-button, item code ...-E.**

Dimensions W x H x D: 320x510x135 mm



# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Distribution boards ASC type supplied with inclined EN 60309 sockets 16A or Italian standard/schuko sockets, MCB 16A protection devices 6kA, RCCB or RCBO 40A 30mA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60309 16A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

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GREY RAL 7035

## Assembled distribution board ASC type - 8 sockets - 16A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | IP PROTECTION DEGREE | PROTECTION DEVICE MCB | RCCB 30mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC6902600** | 8 | - | - | 44 | 4x2P 16A | 1x4P 40A | 14,1 kW | 1 |
| **EC6902601** | 4 | 4 | - | 44 | 1x2P 16A + 1x3P 16A | 1x4P 40A | 13,8 kW | 1 |
| **EC6902602** | 4 | - | 4 | 44 | 1x2P 16A + 1x4P 16A | 1x4P 40A | 13,8 kW | 1 |
| **EC6902603** | 4 | 2 | 2 | 44 | 1x2P 16A + 1x4P 16A | 1x4P 40A | 13,8 kW | 1 |
| **EC6902610** | 8 | - | - | 65 | 4x2P 16A | 1x4P 40A | 14,1 kW | 1 |
| **EC6902611** | 4 | 4 | - | 65 | 1x2P 16A + 1x3P 16A | 1x4P 40A | 13,8 kW | 1 |
| **EC6902612** | 4 | - | 4 | 65 | 1x2P 16A + 1x4P 16A | 1x4P 40A | 13,8 kW | 1 |
| **EC6902613** | 4 | 2 | 2 | 65 | 1x2P 16A + 1x4P 16A | 1x4P 40A | 13,8 kW | 1 |

**• Available on request with cabled emergency push-button, item code ...-E.**

Dimensions W x H x D: 400x525x135 mm



# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**
- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Supplied with interlocked sockets 16/32A with fuse holder gG 10,3x38 mm type (not included) and LED light indicator for blown fuse, RCCB 40A 30mA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60309 16/32A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

*LED light indicator for blown fuse*



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## Assembled distribution board ASC type - 2 vertical interlocked sockets with fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG EN 60309 | | IP PROTECTION DEGREE | RCCB PROTECTION DEVICE | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|
| **EC6904500** | 2x16A | - | - | 2P+⏚ | 16A | 44 | 1x2P 40A - 30mA | 3,6 kW | 1 |
| **EC6904501** | - | 2x16A | - | 3P+N+⏚ | 16A | 44 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904502** | - | - | 2x16A | 3P+N+⏚ | 16A | 44 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904503** | 1x16A | 1x16A | - | 3P+N+⏚ | 16A | 44 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904504** | 1x16A | - | 1x16A | 3P+N+⏚ | 16A | 44 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904505** | - | 1x16A | 1x16A | 3P+N+⏚ | 16A | 44 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904506** | 2x32A | - | - | 2P+⏚ | 32A | 44 | 1x2P 40A - 30mA | 7,0 kW | 1 |
| **EC6904507** | - | 2x32A | - | 3P+N+⏚ | 32A | 44 | 1x4P 40A - 30mA | 21,0 kW | 1 |
| **EC6904508** | - | - | 2x32A | 3P+N+⏚ | 32A | 44 | 1x4P 40A - 30mA | 21,0 kW | 1 |
| **EC6904509** | 1x16A | 1x32A | - | 3P+N+⏚ | 32A | 44 | 1x4P 40A - 30mA | 21,0 kW | 1 |
| **EC6904510** | 1x16A | - | 1x32A | 3P+N+⏚ | 32A | 44 | 1x4P 40A - 30mA | 21,0 kW | 1 |
| **EC6904511** | - | 1x32A | 1x32A | 3P+N+⏚ | 32A | 44 | 1x4P 40A - 30mA | 21,0 kW | 1 |
| | | | | | | | | | |
| **EC6904520** | 2x16A | - | - | 2P+⏚ | 16A | 65 | 1x2P 40A - 30mA | 3,6 kW | 1 |
| **EC6904521** | - | 2x16A | - | 3P+N+⏚ | 16A | 65 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904522** | - | - | 2x16A | 3P+N+⏚ | 16A | 65 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904523** | 1x16A | 1x16A | - | 3P+N+⏚ | 16A | 65 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904524** | 1x16A | - | 1x16A | 3P+N+⏚ | 16A | 65 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904525** | - | 1x16A | 1x16A | 3P+N+⏚ | 16A | 65 | 1x4P 40A - 30mA | 10,5 kW | 1 |
| **EC6904526** | 2x32A | - | - | 2P+⏚ | 32A | 65 | 1x2P 40A - 30mA | 7,0 kW | 1 |
| **EC6904527** | - | 2x32A | - | 3P+N+⏚ | 32A | 65 | 1x4P 40A - 30mA | 21,0 kW | 1 |
| **EC6904528** | - | - | 2x32A | 3P+N+⏚ | 32A | 65 | 1x4P 40A - 30mA | 21,0 kW | 1 |
| **EC6904529** | 1x16A | 1x32A | - | 3P+N+⏚ | 32A | 65 | 1x4P 40A - 30mA | 21,0 kW | 1 |
| **EC6904530** | 1x16A | - | 1x32A | 3P+N+⏚ | 32A | 65 | 1x4P 40A - 30mA | 21,0 kW | 1 |
| **EC6904531** | - | 1x32A | 1x32A | 3P+N+⏚ | 32A | 65 | 1x4P 40A - 30mA | 21,0 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E.**
- **On request the vertical sockets can be supplied without fuse holder.**

Dimensions W x H x D: 320x510x135 mm



# ASSEMBLED DISTRIBUTION BOARDS ASC TYPE **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Supplied with interlocked sockets 16/32A with fuse holder gG 10,3x38 mm type (not included) and LED light indicator for blown fuse, RCCB 40A 30mA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60309 16/32A plug.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

*LED light indicator for blown fuse*



CE

GREY RAL 7035

## Assembled distribution board ASC type - 4 horizontal interlocked sockets with fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG | IP PROTECTION DEGREE | PROTECTION DEVICE MCB | RCCB 30mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|
| **EC6903600** | 2x16A | 2x16A | - | 16A | 44 | 1x2P 16A + 1x3P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6903601** | 2x16A | - | 2x16A | 16A | 44 | 1x2P 16A + 1x4P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6903602** | 2x16A | 2x32A | - | 32A | 44 | 1x2P 16A + 1x3P 32A | 1x4P 40A | 21,0 kW | 1 |
| **EC6903603** | 2x16A | - | 2x32A | 32A | 44 | 1x2P 16A + 1x4P 32A | 1x4P 40A | 21,0 kW | 1 |
| **EC6903610** | 2x16A | 2x16A | - | 16A | 65 | 1x2P 16A + 1x3P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6903611** | 2x16A | - | 2x16A | 16A | 65 | 1x2P 16A + 1x4P 16A | 1x4P 40A | 10,5 kW | 1 |
| **EC6903612** | 2x16A | 2x32A | - | 32A | 65 | 1x2P 16A + 1x3P 32A | 1x4P 40A | 21,0 kW | 1 |
| **EC6903613** | 2x16A | - | 2x32A | 32A | 65 | 1x2P 16A + 1x4P 32A | 1x4P 40A | 21,0 kW | 1 |

## Assembled distribution board ASC type - 3 vertical interlocked sockets with fuse holder - 16/32A

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG | IP PROTECTION DEGREE | PROTECTION DEVICE MCB | RCCB 30mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|
| **EC6904600** | 2x16A | 1x16A | - | 16A | 44 | 1x2P 16A + 1x3P 16A | 1x4P - 40A | 10,5 kW | 1 |
| **EC6904601** | 1x16A | - | 2x16A | 16A | 44 | 1x2P 16A + 1x4P 16A | 1x4P - 40A | 10,5 kW | 1 |
| **EC6904602** | 2x16A | 1x32A | - | 32A | 44 | 1x2P 16A + 1x3P 32A | 1x4P - 40A | 21,0 kW | 1 |
| **EC6904603** | 2x16A | - | 1x32A | 32A | 44 | 1x2P 16A + 1x4P 32A | 1x4P - 40A | 21,0 kW | 1 |
| **EC6904610** | 2x16A | 1x16A | - | 16A | 65 | 1x2P 16A + 1x3P 16A | 1x4P - 40A | 10,5 kW | 1 |
| **EC6904611** | 1x16A | - | 2x16A | 16A | 65 | 1x2P 16A + 1x4P 16A | 1x4P - 40A | 10,5 kW | 1 |
| **EC6904612** | 2x16A | 1x32A | - | 32A | 65 | 1x2P 16A + 1x3P 32A | 1x4P - 40A | 21,0 kW | 1 |
| **EC6904613** | 2x16A | - | 1x32A | 32A | 65 | 1x2P 16A + 1x4P 32A | 1x4P - 40A | 21,0 kW | 1 |

- **Available on request with cabled emergency push-button, item code ...-E.**



Dimensions W x H x D: 400x525x135 mm



**On request the vertical sockets can be supplied without fuse holder.**

# ASSEMBLED DISTRIBUTION BOARDS FOR PARTICULAR USES **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

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GREY RAL 7035

## Assembled distribution board ASC type for scaffolds - with twilight device, 24V sockets, 150VA

| ITEM | INSTALLED SOCKETS EN 60309 2P | NOTE | IP PROTECTION DEGREE | MCB PROTECTION DEVICE | | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC6902306** | 2 | with twilight device | 44 | MT 16A 1x2P | FUSE 1P-6A | 1 |
| **EC6902307** | 2 | - | 44 | MT 16A 1x2P | FUSE 1P-6A | 1 |

- Toroidal transformer 150VA - 220 / 24V ~ secondary protection with fuse 6A type Gg 10,3x38 mm, fuse not included.
- Supplied with EN 60309 sockets, 16A MCB protection devices 6kA, screw caps for double insulation, handle, 4 mt cable H07RN-F with EN 60308 plug 2P+E 16A.

## Assembled distribution board ASC type docking station for e-bike

new!

| ITEM | INSTALLED SOCKETS SCHUKO /ITALIAN | MAXIMUM SUPPLIABLE POWER EACH PLUG | IP PROTECTION DEGREE | RCCB PROTECTION DEVICE | | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC6902113** | 2 x P17/30 | 1,3 kW | 55 | 2x2P - 6A | 30 mA | 1 |
| **EC6902319** | 4 x P17/30 | 1,3 kW | 55 | 4x2P - 6A | 30 mA | 1 |



**EC6902306**



**EC6902113**



**EC6902319**

board system

# ACCESSORIES FOR DISTRIBUTION BOARDS **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Material: made of powder painted galvanized steel.
- Support for distribution boards series 690.
- Standard colour: black.
- Made of high-resistant metallic tube.
- Equipped with support for wrapping the cable.

CE

## Metallic supports for ASC distribution boards with 8, 12 and 19 modules

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | FOR BOARD TYPE | PACKAGING PIECES |
|---|---|---|---|
| **EC69040** | 290x650x390 | 4 Sockets - 8 Modules | 1 |
| **EC69041** | 410x740x390 | 3/6/8 Sockets - 12/19 Modules<br>2/3/4 interlocked - 12/19 Modules | 1 |

## Metallic supports with protection for ASC distribution boards with 8 and 12 modules

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | FOR BOARD TYPE | PACKAGING PIECES |
|---|---|---|---|
| **EC69040T** | 300x650x360 | 4 Sockets - 8 Modules | 1 |
| **EC69041T** | 460x750x380 | 3/6 Sockets - 12 Modules<br>2/4 interlocked - 12 Modules | 1 |

## Cabled emergency push-button for ASC boards

| ITEM | DESCRIPTION | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **-E** | Emergency push-button - Twist to release | Ø 40 | 1 |

Add code: -E. to board item. The board will be delivered complete with a wired emergency button and the accessories necessary to carry out the tripping of the protections and the release of the main switch.



**EC69040**



**EC69041**



**EC69040T**



**EC69041T**



**-E**

boardsystem

# MAIN TECHNICAL FEATURES

- Construction site distribution board
- Wall fixing through brackets or on a metallic support
- Doors with two metallic locks with standard key
- Carrying and lifting handle
- Possibility to install a inner pocket for documents and schemes
- Doors can be opened up to 180°





- Possibility to install up to 8 horizontal interlocked sockets.
- Possibility to install sockets up to 63A
- Inlet through IP68 cable gland or fixed plugs from 32/63A up to 125A
- Resistance to mechanical shocks IK10 (shocks up to 20 j) suitable for heavy duty
- System of integrated cable clamps: safety against accidental tears

The construction site distribution boards Board System Series 690, made of two-component technopolymer are specifically designed for mobile installations. Characterized by a high degree of impact resistance (IK10), these boards can absorb the impact energy up to 20J so that they successfully protect the internal equipments.
The emergency button is integrated in the carrying and lifting handle.
The construction site distribution boards can be equipped with our boards for horizontal vertical interlocked sockets or they can be supplied already pre-wired and assembled, such as ready for use. They permit several different assembling combinations: 5/6 16, 32 and 63A, vertical interlocked sockets with fuse holder or up to 6/8 16 or 32A horizontal interlocked sockets without fuse holder.
The range is completed by the versions with up to 16 industrial socket 16/32/63A IP67 and italian/Schuko sockets with magnetothermal protection.
The power is given to the board through a cable put in a protected terminal block or a fixed 32/63 or 125A plug.
ELETTROCANALI offers a full range of construction site ASC type distribution boards suitable to be installed on a support or on brackets fixed to the wall, designed to meet the needs of power distribution on a construction site with the maximum flexibility and safety. Each cabled distribution board is supplied complete with wiring diagram and declaration of conformity.

# mounting examples

panel system





# CONSTRUCTION SITE EMPTY DISTRIBUTION BOARD **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Enclosures made of reinforced high-density technopolymer , self-extinguishing HB according to the Standard UL94.
- Protection degree IP65 for the contained distribution boards.
- System of integrated cable clamps with automatic anchorage.
- Carrying and lifting handle can be used as base for further accessories like beacons.
- Doors with two hinges can be opened up to 180° with two metallic locks with standard key.
- Ready for inlet through M40 cable gland or 63/125A fixed plug.
- Resistance to mechanical shocks IK10 (shocks up to 20 j).
- Ready for our assembled distribution boards and junction boxes.
- High resistance to chemical or atmospheric agents.

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## Construction site empty distribution board

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | EQUIPMENT | PACKAGING PIECES |
|---|---|---|---|
| **EC69008** | 870x720x375 | Construction site empty distribution board with: emergency push-button, M40 cable gland, two metallic locks with standard key and instruction sheet | 1 |
| **EC690081** | 870x720x375 | Construction site empty distribution board suitable for 19+19 modules for 6 vertical interlocked sockets with fuse holder or 12 industrial sockets 16/32A with flange 690F4 (not included), emergency push-button, M40 cable gland, two metallic locks with standard key and instruction sheet | 1 |
| **EC690082** | 870x720x375 | Construction site empty distribution board prepared 19+19 modules for 8 interlocked horizontal sockets with fuse holder, emergency push-button, M40 cable gland, two metallic locks with standard key and instruction sheet. | 1 |



**EC69008**

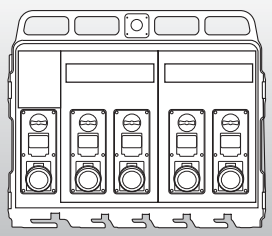


**EC690081**

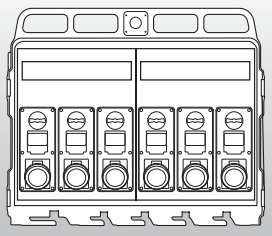


**EC690082**

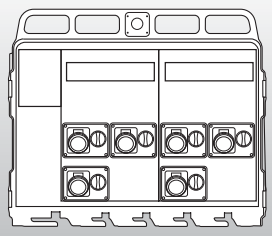
Examples of possible combinations with distribution boards “BOARD System”



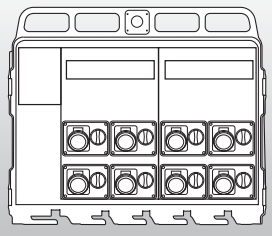
**5 vertical sockets**



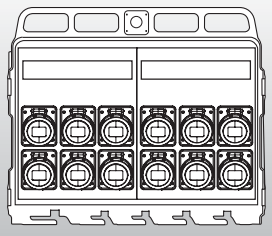
**6 vertical sockets**



**6 horizontal sockets**



**8 horizontal sockets**



**12 industrial sockets**

panel system

# CONSTRUCTION SITE ASSEMBLED DISTRIBUTION BOARD **SERIES 690**

*LED light indicator for blown fuse*

CE

GREY RAL 7011

**IP65**

**MAIN TECHNICAL FEATURES:**

- Reference standard: CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed.
- Supplied with EN 60309 interlocked sockets 16/32/63A with fuse holder (not included), protection device MCB 6/10 kA, rated current 63/80/100/125A, RCCB protection device 30 mA, or RCBO protection device, cabled emergency push-button, terminal block 4x35 mmq.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

***Protection with MCB 1x2P 16A.**
**63A sockets without differential protection, on request additional protection 63A - 30mA.**

## Construction site assembled distribution boards ASC type - 5 vertical interlocked sockets with fuse holder 16/32/63A - Terminal block

| ITEM | SCHUKO ITALIAN 16A | EN 60309 INTERLOCKED SOCKETS WITH FUSE HOLDER | | | | | | | | MCB MAIN PROTECTION DEVICE | RCCB 30 mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 16A | | | 32A | | | 63A | | | | | |
| | 2P+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 3P+⏚ | 3P+N+⏚ | | | | |
| **EC6900800** | - | 1 | 1 | - | - | 3 | - | - | - | 4P 100A | 4P 100A | 63 kW | 1 |
| **EC6900801** | - | 1 | 1 | - | - | - | 3 | - | - | 4P 100A | 4P 100A | 63 kW | 1 |
| **EC6900802** | - | 1 | 2 | - | - | 2 | - | - | - | 4P 80A | 4P 80A | 52 kW | 1 |
| **EC6900803** | - | 2 | 3 | - | - | - | - | - | - | 4P 63A | RCBO | 41 kW | 1 |
| **EC6900804** | - | 2 | - | - | - | 3 | - | - | - | 4P 80A | 4P 80A | 50 kW | 1 |
| **EC6900805** | - | 2 | 1 | - | - | 2 | - | - | - | 4P 80A | 4P 80A | 50 kW | 1 |
| **EC6900806** | - | 2 | 1 | 1 | - | - | 1 | - | - | 4P 63A | RCBO | 41 kW | 1 |
| **EC6900807** | - | 3 | - | - | - | 2 | - | - | - | 4P 63A | RCBO | 41 kW | 1 |
| **EC6900808** | - | 3 | - | 1 | - | - | 1 | - | - | 4P 80A | 4P 80A | 41 kW | 1 |
| **EC6900809** | - | - | 4 | - | - | 1 | - | - | - | 4P 80A | 4P 80A | 50 kW | 1 |
| **EC6900810** | - | - | - | - | 2 | - | 3 | - | - | 4P 125A | 4P 2x63A | 66 kW | 1 |
| **EC6900811** | - | 1 | 2 | - | - | 1 | - | 1 | - | 4P 125A | 4P 80A | 73 kW | 1 |
| **EC6900812** | - | 2 | 1 | - | - | 1 | - | 1 | - | 4P 100A | 4P 80A | 63 kW | 1 |
| **EC6900813** | - | 2 | 1 | - | - | - | 1 | 1 | - | 4P 100A | 4P 80A | 63 kW | 1 |
| **EC6900814** | - | 1 | 2 | - | - | 1 | - | - | 1 | 4P 100A | 4P 80A | 63 kW | 1 |
| **EC6900815** | - | 2 | - | 1 | - | - | 1 | - | 1 | 4P 100A | 4P 80A | 63 kW | 1 |
| **EC6900816** | - | 3 | - | - | - | - | 1 | - | 1 | 4P 100A | 4P 63A | 63 kW | 1 |
| **EC6900817** | 2* | 2 | - | - | - | 1 | - | 1 | - | 4P 100A | 4P 80A | 63 kW | 1 |



**5 vertical sockets - terminal block**

panel system

# CONSTRUCTION SITE ASSEMBLED DISTRIBUTION BOARD **SERIES 690**

*LED light indicator for blown fuse*

GREY RAL 7011

**IP65**

**MAIN TECHNICAL FEATURES:**

- Reference standard: CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed - ASC Type.
- Supplied with EN 60309 interlocked sockets 16/32/63A with fuse holder (not included), protection device MCB 6/10 kA, rated current 63/80/100/125A, RCCB protection device 30 mA, or RCBO protection device, cabled emergency push-button, plug power.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- **Different combinations supplied on request.**

***Protection with MCB 1x2P 16A.**
**63A sockets without differential protection, on request additional protection 63A - 30mA.**

## Construction site assembled distribution boards ASC type - 5 vertical interlocked sockets with fuse holder 16/32/63A - Plug power

| ITEM | SCHUKO ITALIAN 16A | EN 60309 INTERLOCKED SOCKETS WITH FUSE HOLDER | | | | | | | | PLUG | MCB MAIN PROTECTION DEVICE | RCCB 30 mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 16A | | | 32A | | | 63A | | | | | | |
| | 2P+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 3P+⏚ | 3P+N+⏚ | 3P+N+⏚ | | | | |
| **EC6900820** | - | 1 | 1 | - | - | 3 | - | - | - | 125A | 4P 100A | 4P 100A | 63 kW | 1 |
| **EC6900821** | - | 1 | 1 | - | - | - | 3 | - | - | 125A | 4P 100A | 4P 100A | 63 kW | 1 |
| **EC6900822** | - | 1 | 2 | - | - | 2 | - | - | - | 125A | 4P 80A | 4P 80A | 52 kW | 1 |
| **EC6900823** | - | 2 | - | - | - | 3 | - | - | - | 125A | 4P 80A | 4P 80A | 52 kW | 1 |
| **EC6900824** | - | 2 | 1 | - | - | 2 | - | - | - | 125A | 4P 80A | 4P 80A | 52 kW | 1 |
| **EC6900825** | - | 2 | 1 | 1 | - | - | 1 | - | - | 63A | 4P 63A | RCBO | 41 kW | 1 |
| **EC6900826** | - | 2 | 2 | - | - | - | 1 | - | - | 63A | 4P 63A | RCBO | 41 kW | 1 |
| **EC6900827** | - | 3 | - | - | - | 2 | - | - | - | 63A | 4P 63A | RCBO | 41 kW | 1 |
| **EC6900828** | - | 1 | 2 | - | - | 1 | - | 1 | - | 125A | 4P 125A | 4P 80A | 73 kW | 1 |
| **EC6900829** | - | 2 | 1 | - | - | 1 | - | 1 | - | 125A | 4P 100A | 4P 80A | 63 kW | 1 |
| **EC6900830** | - | 1 | 2 | - | - | - | 1 | - | 1 | 125A | 4P 125A | 4P 80A | 73 kW | 1 |
| **EC6900831** | - | 2 | 1 | - | - | - | 1 | - | 1 | 125A | 4P 100A | 4P 80A | 63 kW | 1 |
| **EC6900832** | 2* | 1 | 1 | - | - | - | 1 | - | 1 | 125A | 4P 100A | 4P 80A | 63 kW | 1 |



**5 vertical sockets - plug**

panel system

# CONSTRUCTION SITE ASSEMBLED DISTRIBUTION BOARD **SERIES 690**

*LED light indicator for blown fuse*

CE

GREY RAL 7011

**IP65**

**MAIN TECHNICAL FEATURES:**

- Reference standard: CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed - ASC Type.
- Supplied with EN 60309 interlocked sockets 16/32/63A with fuse holder (not included), protection device MCB 10 kA, rated current 80/100/125A, RCCB protection device 30 mA, cabled emergency push-button, terminal block 4x35 mmq
- Each piece packed in strong cardboard boxes suitable for transport and storage.

- **Different combinations supplied on request.**

## Construction site assembled distribution boards ASC type - 6 vertical interlocked sockets with fuse holder 16/32/63A - Terminal block

| ITEM | SCHUKO ITALIAN 16A | EN 60309 INTERLOCKED SOCKETS WITH FUSE HOLDER | | | | | | | | MCB MAIN PROTECTION DEVICE | RCCB 30 mA | MAXIMUM SUPPLIABLE POWER | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 16A | | | 32A | | | 63A | | | | | |
| | 2P+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 3P+⏚ | 3P+N+⏚ | | | | |
| **EC6910800** | - | 4 | 2 | - | - | - | - | - | - | 4P 80A | 4P 80A | 35 kW | 1 |
| **EC6910801** | - | 3 | 3 | - | - | - | - | - | - | 4P 80A | 4P 80A | 42 kW | 1 |
| **EC6910802** | - | 3 | 2 | - | - | 1 | - | - | - | 4P 80A | 4P 80A | 52 kW | 1 |
| **EC6910803** | - | 3 | 2 | - | - | - | 1 | - | - | 4P 80A | 4P 80A | 52 kW | 1 |
| **EC6910804** | - | 2 | 3 | - | - | 1 | - | - | - | 4P 100A | 4P 100A | 59 kW | 1 |
| **EC6910805** | - | 2 | 2 | - | - | 2 | - | - | - | 4P 125A | 4P 2x63A | 70 kW | 1 |
| **EC6910806** | - | 2 | - | 2 | - | - | 2 | - | - | 4P 125A | 4P 2x63A | 70 kW | 1 |
| **EC6910807** | - | 2 | 2 | - | - | 1 | 1 | - | - | 4P 125A | 4P 2x63A | 70 kW | 1 |
| **EC6910808** | - | 2 | 1 | - | - | - | 3 | - | - | 4P 125A | 4P 2x63A | 73 kW | 1 |
| **EC6910809** | - | 3 | - | - | - | - | 2 | - | 1 | 4P 125A | 4P 2x63A | 73 kW | 1 |



**6 vertical sockets - terminal block**

panel system

# CONSTRUCTION SITE ASSEMBLED DISTRIBUTION BOARD **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard: CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed - ASC Type.
- Supplied with EN 60309 interlocked sockets 16/32A, MCB output protection device 6 kA, main protection device MCB 6 kA, rated current 16/32/63A, RCCB protection device 30 mA, or RCBO protection device, cabled emergency push-button, terminal block 4x35 mmq.
- Each piece packed in strong cardboard boxes suitable for transport and storage. Packaging: 1 piece.
- **Different combinations supplied on request.**
- **Series 691 without input box - direct connection.**

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GREY RAL 7011

**IP65**

## Construction site assembled distribution boards ASC type - 6 horizontal interlocked sockets MCB protection device 16/32A - Terminal block

| ITEM | SCHUKO ITALIAN 16A | EN 60309 INTERLOCKED SOCKETS 16A | | | 32A | | | MCB OUTPUT PROTECTION | | MCB MAIN PROTECTION DEVICE | RCBO 30 mA | MAXIMUM SUPPLIABLE POWER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 16A | 32A | | | |
| | 2P+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | | | | | |
| **EC6910840** | - | 3 | 3 | - | - | - | - | 1x2P - 1x3P | - | 4P 32A | RCBO | 14 kW |
| **EC6910841** | - | 4 | 2 | - | - | - | - | 1x2P - 1x3P | - | 4P 32A | RCBO | 14 kW |
| **EC6910842** | - | 4 | - | 2 | - | - | - | 1x2P - 1x4P | - | 4P 32A | RCBO | 14 kW |
| **EC6910843** | - | 4 | 1 | 1 | - | - | - | 1x2P - 1x4P | - | 4P 32A | RCBO | 14 kW |
| **EC6910844** | 2 | 2 | 2 | 2 | - | - | - | 1x2P - 1x4P | - | 4P 32A | RCBO | 14 kW |
| **EC6910845** | 2 | 2 | 1 | 1 | - | 1 | 1 | 1x2P - 1x4P | RCBO | 4P 32A | RCBO | 14 kW |
| **EC6910846** | - | 6 | - | - | - | - | - | - - | RCBO | 4P 16A | RCBO | 9 kW |
| **EC6900840** | - | 2 | 3 | - | - | 1 | - | 1x2P - 1x3P | 1x3P | 4P 63A | RCBO | 35 kW |
| **EC6900841** | - | 3 | 2 | - | - | 1 | - | 1x2P - 1x3P | 1x3P | 4P 63A | RCBO | 35 kW |
| **EC6900842** | - | 3 | 3 | - | - | - | - | 1x2P - 1x3P | - | 4P 63A | RCBO | 14 kW |
| **EC6900843** | - | 4 | 1 | - | - | 1 | - | 2x2P - 1x3P | 1x3P | 4P 63A | RCBO | 37 kW |
| **EC6900844** | - | 4 | 1 | 1 | - | - | - | 2x2P - 1x4P | - | 4P 63A | RCBO | 17 kW |
| **EC6900845** | - | 4 | 1 | - | - | - | 1 | 2x2P - 1x3P | 1x4P | 4P 63A | RCBO | 37 kW |
| **EC6900846** | - | 3 | - | 2 | - | - | 1 | 1x2P - 1x4P | 1x4P | 4P 63A | RCBO | 33 kW |
| **EC6900847** | - | 3 | 1 | 1 | - | 1 | - | 1x2P - 1x4P | 1x3P | 4P 63A | RCBO | 35 kW |
| **EC6900848** | - | 3 | 1 | 2 | - | - | - | 1x2P - 1x3P - 1x4P | - | 4P 63A | RCBO | 23 kW |
| **EC6900849** | - | 2 | 2 | 1 | - | 1 | - | 1x2P - 1x3P - 1x4P | 1x3P | 4P 63A | RCBO | 41 kW |
| **EC6900850** | - | 3 | 2 | - | 1 | - | - | 1x2P - 1x3P | 1x2P | 4P 63A | RCBO | 20 kW |
| **EC6900851** | - | 3 | 2 | - | - | - | 1 | 1x2P - 1x3P | 1x4P | 4P 63A | RCBO | 33 kW |
| **EC6900852** | - | 3 | 1 | 1 | - | - | 1 | 1x2P - 1x4P | 1x4P | 4P 63A | RCBO | 35 kW |
| **EC6900853** | 2 | 3 | 2 | - | - | 1 | - | 2x2P - 1x3P | 1x3P | 4P 63A | RCBO | 38 kW |
| **EC6900854** | 2 | 3 | - | 2 | - | - | 1 | 2x2P - 1x4P | 1x4P | 4P 63A | RCBO | 38 kW |
| **EC6900855** | - | 2 | - | 2 | - | - | 2 | 1x2P - 1x4P | 1x4P | 4P 63A | RCBO | 41 kW |
| **EC6900856** | - | 2 | 2 | - | - | 2 | - | 1x2P - 1x3P | 1x3P | 4P 63A | RCBO | 41 kW |
| **EC6900857** | - | 2 | 1 | 1 | - | 1 | 1 | 1x2P - 1x4P | 1x4P | 4P 63A | RCBO | 41 kW |



**6 horizontal sockets - terminal block**

panel system

# CONSTRUCTION SITE ASSEMBLED DISTRIBUTION BOARD **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard: CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed - ASC Type.
- Supplied with EN 60309 interlocked sockets 16/32A, MCB output protection device 6 kA, main protection device MCB 6 kA, rated current 16/32/63A, RCCB protection device 30 mA, or RCBO protection device, cabled emergency push-button, plug power.
- Each piece packed in strong cardboard boxes suitable for transport and storage. Packaging: 1 piece.
- **Different combinations supplied on request.**
- **Series 691 without input box.**

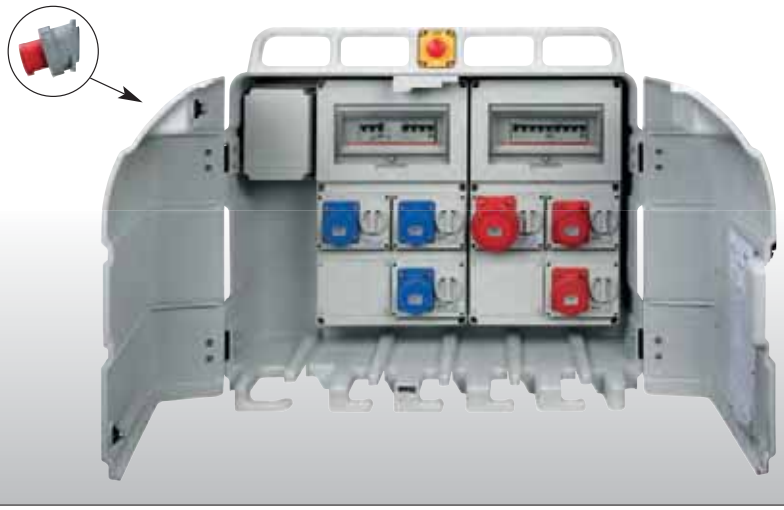
CE

GREY RAL 7011

**IP65**

## Construction site assembled distribution boards ASC type - 6 horizontal interlocked sockets MCB protection device 16/32A - Plug power

| ITEM | SCHUKO ITALIAN 16A | EN 60309 INTERLOCKED SOCKETS 16A | | | EN 60309 INTERLOCKED SOCKETS 32A | | | MCB OUTPUT PROTECTION | | PLUG | MCB MAIN PROTECTION DEVICE | RCBO 30 mA | MAXIMUM SUPPLIABLE POWER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 16A | 32A | | | | |
| | 2P+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | | | 3P+N+⏚ | | | |
| **EC6910860** | - | 3 | 3 | - | - | - | - | 1x2P - 1x3P | - | 32A | 4P 32A | RCBO | 14 kW |
| **EC6910861** | - | 4 | 2 | - | - | - | - | 1x2P - 1x3P | - | 32A | 4P 32A | RCBO | 14 kW |
| **EC6910862** | - | 4 | - | 2 | - | - | - | 1x2P - 1x4P | - | 32A | 4P 32A | RCBO | 14 kW |
| **EC6910863** | - | 4 | 1 | 1 | - | - | - | 1x2P - 1x4P | - | 32A | 4P 32A | RCBO | 14 kW |
| **EC6910864** | 2 | 2 | 2 | 2 | - | - | - | 1x2P - 1x4P | - | 32A | 4P 32A | RCBO | 14 kW |
| **EC6910865** | 2 | 2 | 1 | 1 | - | 1 | 1 | 1x2P - 1x4P | RCBO | 32A | 4P 32A | RCBO | 14 kW |
| **EC6900860** | - | 2 | 3 | - | - | 1 | - | 1x2P - 1x3P | 1x3P | 63A | 4P 63A | RCBO | 35 kW |
| **EC6900861** | - | 3 | 2 | - | - | 1 | - | 1x2P - 1x3P | 1x3P | 63A | 4P 63A | RCBO | 35 kW |
| **EC6900862** | - | 3 | 3 | - | - | - | - | 1x2P - 1x3P | - | 63A | 4P 63A | RCBO | 14 kW |
| **EC6900863** | - | 4 | 1 | - | - | 1 | - | 2x2P - 1x3P | 1x3P | 63A | 4P 63A | RCBO | 37 kW |
| **EC6900864** | - | 4 | 1 | 1 | - | - | - | 2x2P - 1x4P | - | 63A | 4P 63A | RCBO | 17 kW |
| **EC6900865** | - | 4 | 1 | - | - | - | 1 | 2x2P - 1x3P | 1x4P | 63A | 4P 63A | RCBO | 37 kW |
| **EC6900866** | - | 3 | - | 2 | - | - | 1 | 1x2P - 1x4P | 1x4P | 63A | 4P 63A | RCBO | 33 kW |
| **EC6900867** | - | 3 | 1 | 1 | - | 1 | - | 1x2P - 1x4P | 1x3P | 63A | 4P 63A | RCBO | 35 kW |
| **EC6900868** | - | 3 | 1 | 2 | - | - | - | 1x2P-1x3P-1x4P | - | 63A | 4P 63A | RCBO | 23 kW |
| **EC6900869** | - | 2 | 2 | 1 | - | 1 | - | 1x2P-1x3P-1x4P | 1x3P | 63A | 4P 63A | RCBO | 41 kW |
| **EC6900870** | - | 3 | 2 | - | 1 | - | - | 1x2P - 1x3P | 1x2P | 63A | 4P 63A | RCBO | 20 kW |
| **EC6900871** | - | 3 | 2 | - | - | - | 1 | 1x2P - 1x3P | 1x4P | 63A | 4P 63A | RCBO | 33 kW |
| **EC6900872** | - | 3 | 1 | 1 | - | - | 1 | 1x2P - 1x4P | 1x4P | 63A | 4P 63A | RCBO | 35 kW |
| **EC6900873** | 2 | 3 | 2 | - | - | 1 | - | 2x2P - 1x3P | 1x3P | 63A | 4P 63A | RCBO | 38 kW |
| **EC6900874** | 2 | 3 | - | 2 | - | - | 1 | 2x2P - 1x4P | 1x4P | 63A | 4P 63A | RCBO | 38 kW |



**6 horizontal sockets - plug**

panel system

# CONSTRUCTION SITE ASSEMBLED DISTRIBUTION BOARD **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard: CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed - ASC Type.
- Supplied with EN 60309 interlocked sockets 16/32A, MCB output protection device 6 kA, main protection device MCB 6/10 kA, rated current 63/80A, RCCB protection device 30 mA, or RCBO protection device, cabled emergency push-button, terminal block 4x35 mmq.
- Each piece packed in strong cardboard boxes suitable for transport and storage. Packaging: 1 piece.
- **Different combinations supplied on request.**
- **Series 691 without input box - direct connection.**

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GREY RAL 7011

**IP65**

## Construction site assembled distribution boards ASC type - 8 horizontal interlocked sockets MCB protection device 16/32A - Terminal block

| ITEM | SCHUKO ITALIAN 16A | EN 60309 INTERLOCKED SOCKETS 16A | | | EN 60309 INTERLOCKED SOCKETS 32A | | | MCB OUTPUT PROTECTION | | MCB MAIN PROTECTION DEVICE | RCCB/RCBO 30 mA | MAXIMUM SUPPLIABLE POWER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 16A | 32A | | | |
| | 2P+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | | | | | |
| **EC6910880** | - | 8 | - | - | - | - | - | 3x2P | - | 4P 63A | RCBO | 10,5 kW |
| **EC6910881** | - | 6 | 2 | - | - | - | - | 2x2P - 1x3P | - | 4P 63A | RCBO | 17 kW |
| | | | | | | | | | | | | |
| **EC6900880** | - | 2 | 2 | 2 | - | 2 | - | 1x2P - 1x3P - 1x4P | 1x3P | 4P 63A | RCBO | 41 kW |
| **EC6900881** | - | 2 | 2 | 2 | - | - | 2 | 1x2P - 1x3P - 1x4P | 1x4P | 4P 63A | RCBO | 41 kW |
| **EC6900882** | - | 4 | 2 | 2 | - | - | - | 2x2P - 1x3P - 1x4P | - | 4P 63A | RCBO | 38 kW |
| **EC6900883** | - | 4 | 2 | - | - | 2 | - | 2x2P - 1x3P | 1x3P | 4P 63A | RCBO | 38 kW |
| **EC6900884** | - | 4 | 2 | - | - | - | 2 | 2x2P - 1x3P | 1x4P | 4P 63A | RCBO | 38 kW |
| **EC6900885** | - | 4 | 2 | - | 2 | - | - | 2x2P - 2x3P | 1x2P | 4P 63A | RCBO | 35 kW |
| **EC6900886** | - | 1 | 1 | - | 2 | 2 | 2 | 1x4P | 1x2P - 1x4P | 4P 80A | 4P 80A | 38 kW |
| **EC6900887** | 2 | 2 | 2 | 2 | - | - | - | 3x2P - 1x3P - 1x4P | - | 4P 63A | RCBO | 31 kW |
| **EC6900888** | 2 | 2 | - | - | - | 2 | 2 | 2x2P | 1x4P | 4P 63A | RCBO | 27 kW |
| **EC6900889** | - | 4 | 4 | - | - | - | - | 2x2P - 2x3P | - | 4P 63A | RCBO | 27 kW |



**8 horizontal sockets - terminal block**

panel system

# CONSTRUCTION SITE ASSEMBLED DISTRIBUTION BOARD **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard: CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed - ASC Type.
- Supplied with EN 60309 interlocked sockets 16/32A, MCB output protection device 6 kA, main protection device MCB 6/10 kA, rated current 63/80A, RCCB protection device 30 mA, or RCBO protection device, cabled emergency push-button, plug power.
- Each piece packed in strong cardboard boxes suitable for transport and storage. Packaging: 1 piece.
- **Different combinations supplied on request.**
- **Series 691 without input box.**

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GREY RAL 7011

**IP65**

## Construction site assembled distribution boards ASC type - 8 horizontal interlocked sockets MCB protection device 16/32A - Plug power

| ITEM | SCHUKO ITALIAN 16A | EN 60309 INTERLOCKED SOCKETS 16A | | | EN 60309 INTERLOCKED SOCKETS 32A | | | MCB OUTPUT PROTECTION | | PLUG | MCB MAIN PROTECTION DEVICE | RCCB/RCBO 30 mA | MAXIMUM SUPPLIABLE POWER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 16A | 32A | | | | |
| | 2P+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | | | 3P+N+⏚ | | | |
| **EC6910890** | - | 8 | - | - | - | - | - | 3x2P | - | 63A | 4P 63A | RCBO | 10,5 kW |
| **EC6910891** | - | 6 | 2 | - | - | - | - | 2x2P - 1x3P | - | 63A | 4P 63A | RCBO | 17 kW |
| | | | | | | | | | | | | | |
| **EC6900890** | - | 2 | 2 | 2 | - | 2 | - | 1x2P-1x3P-1x4P | 1x3P | 63A | 4P 63A | RCBO | 41 kW |
| **EC6900891** | - | 2 | 2 | 2 | - | - | 2 | 1x2P-1x3P-1x4P | 1x4P | 63A | 4P 63A | RCBO | 41 kW |
| **EC6900892** | - | 4 | 2 | 2 | - | - | - | 2x2P-1x3P-1x4P | - | 63A | 4P 63A | RCBO | 38 kW |
| **EC6900893** | - | 4 | 2 | - | - | 2 | - | 2x2P - 1x3P | 1x3P | 63A | 4P 63A | RCBO | 38 kW |
| **EC6900894** | - | 4 | 2 | - | - | - | 2 | 2x2P - 1x3P | 1x4P | 63A | 4P 63A | RCBO | 38 kW |
| **EC6900895** | - | 4 | 2 | - | 2 | - | - | 2x2P - 2x3P | 1x2P | 63A | 4P 63A | RCBO | 35 kW |
| **EC6900896** | - | 1 | 1 | - | 2 | 2 | 2 | 1x4P | 1x2P - 1x4P | 125A | 4P 80A | 4P 80A | 38 kW |
| **EC6900897** | 2 | 2 | 2 | 2 | - | - | - | 3x2P-1x3P-1x4P | - | 63A | 4P 63A | RCBO | 31 kW |
| **EC6900898** | 2 | 2 | - | - | - | 2 | 2 | 2x2P | 1x4P | 63A | 4P 63A | RCBO | 27 kW |
| **EC6900899** | - | 4 | 4 | - | - | - | - | 2x2P - 2x3P | - | 63A | 4P 63A | RCBO | 27 kW |



**8 horizontal sockets - plug**

panel system

# CONSTRUCTION SITE ASSEMBLED DISTRIBUTION BOARD **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard: CEI EN 61439-1, CEI EN 61439-4.
- Suggested application: mobile installation.
- Suggested use: construction sites or temporary installations, where only trained people are allowed - ASC Type.
- Supplied with EN 60309 industrial sockets 16/32/63A and Italian/Schuko sockets 10/16A, MCB output protection device 6 kA, main protection device MCB 6/10 kA, rated current 63/80/100A, RCCB protection device 30 mA, or RCBO protection device, cabled emergency push-button, terminal block 4x35 mmq.
- Each piece packed in strong cardboard boxes suitable for transport and storage. Packaging: 1 piece.
- **Different combinations supplied on request.**

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GREY RAL 7011

**IP65**

## Construction site assembled distribution boards ASC type - 11/12/16 industrial sockets MCB protection device 16/32/63A - Terminal block

| ITEM | SCHUKO ITALIAN 16A | EN 60309 PANEL MOUNTING SOCKETS | | | | | | | | MCB OUTPUT PROTECTION | | | MCB MAIN PROTECTION DEVICE | RCCB/RCBO 30 mA | MAXIMUM SUPPLIABLE POWER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 16A | | | 32A | | | 63A | | 16A | 32A | 63A | | | |
| | 2P+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 3P+⏚ | 3P+N+⏚ | | | | | | |
| **EC69008A1** | 4 | 3 | 2 | - | - | - | 1 | - | 1 | 5x2P<br>1x3P | 1x4P | 1x4P | 4P 100A | 4P 100A | 62 kW |
| **EC69008A2** | - | 6 | 3 | 1 | - | - | 2 | - | - | 3x2P<br>3x3P<br>1x4P | 1x4P | - | 4P 80A | 4P 80A | 52 kW |
| **EC69008A3** | - | 12 | - | - | - | - | - | - | - | 6x2P | - | - | 4P 63A | RCBO | 41 kW |
| **EC69008A4** | - | 6 | 6 | - | - | - | - | - | - | 3x2P<br>3x3P | - | | 4P 80A | 4P 80A | 52 kW |
| **EC69008A5** | - | 8 | 8 | - | - | - | - | - | - | 4x2P<br>4x3P | - | | 4P 80A | 4P 80A | 52 kW |
| **EC69008A6** | - | 8 | 4 | 4 | - | - | - | - | - | 4x2P<br>2x3P<br>2x4P | - | | 4P 80A | 4P 80A | 52 kW |



**EC69008A4** **EC69008A5**

panel system

# ASSEMBLED DISTRIBUTION BOARD FOR LINE PROTECTION **SERIES 690**

**MAIN TECHNICAL FEATURES:**

- Reference standard: CEI EN 61439-1, CEI EN 61439-4 - ASC Type.
- Distribution boards completely made of shock resistant technopolymer on ABS base, Halogen free.
- Main protection device MCB 10 kA, rated current 16/32/63/80/100A, RCCB protection device 30 mA.
- To be installed immediately downstream of the delivery point to protect the main power line of the building site towards the general distribution panel when the length of the same exceeds 3 meters.
- In case of supply exceeding 30kW, request the necessary breaking capacity beforehand.
- Recommended entry with cable glands.
- The boards for line protection do not require grounding.
- Double insulation with supplied fixing screw caps.
- Security lock with cylinder key, supplied.

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GREY RAL 7035

**IP65**

## Assembled distribution board for line protection

| ITEM | CURRENT / NOMINAL VOLTAGE | RATED BREAKING CAPACITY | MAXIMUM SUPPLIABLE POWER |
|---|---|---|---|
| **EC690PL1** | 16A - 1P+N - 230V~ - Idn: 30 mA | 10kA-230V~ | 3,5 kW |
| **EC690PL2** | 32A - 1P+N - 230V~ - Idn: 30 mA | 10kA-230V~ | 7,0 kW |
| | | | |
| **EC690PL3** | 16A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 10,5 kW |
| **EC690PL4** | 32A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 21,0 kW |
| **EC690PL5** | 63A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 41,0 kW |
| **EC690PL6** | 80A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 52,5 kW |
| **EC690PL7** | 100A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 65,7 kW |

## Assembled distribution board for line protection - with emergency push-button

| ITEM | CURRENT / NOMINAL VOLTAGE | RATED BREAKING CAPACITY | MAXIMUM SUPPLIABLE POWER |
|---|---|---|---|
| **EC690PL1E** | 16A - 1P+N - 230V~ - Idn: 30 mA | 10kA-230V~ | 3,5 kW |
| **EC690PL2E** | 32A - 1P+N - 230V~ - Idn: 30 mA | 10kA-230V~ | 7,0 kW |
| | | | |
| **EC690PL3E** | 16A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 10,5 kW |
| **EC690PL4E** | 32A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 21,0 kW |
| **EC690PL5E** | 63A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 41,0 kW |
| **EC690PL6E** | 80A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 52,5 kW |
| **EC690PL7E** | 100A - 3P+N - 400V~ - Idn: 30 mA | 10kA-400V~ | 65,7 kW |



**EC690PL6**

panel system

# ACCESSORY FOR CONSTRUCTION SITE DISTRIBUTION BOARDS **SERIES 690**

**MAIN TECHNICAL FEATURES METALLIC SUPPORT:**

- Material: made of powder painted galvanized steel.
- Support for construction site distribution boards series 690.
- Standard colour: black.
- Made of high-resistant metallic tube.

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## Metallic support for construction site distribution board

| ITEM | DESCRIPTION<br>EXTERNAL DIMENSIONS W x H x D mm | PACKAGING<br>PIECES |
|---|---|---|
| **EC69008S** | For boards series 69008 - 1060x1520x700 - with fixing screws | 1 |

## Pair of spare locks

| ITEM | DESCRIPTION<br>EXTERNAL DIMENSIONS W x H x D mm | PACKAGING<br>PIECES |
|---|---|---|
| **EC69008T** | standard key locks | 1 PAIR |

## Emergency push-button

| ITEM | DESCRIPTION<br>EXTERNAL DIMENSIONS W x H x D mm | PACKAGING<br>PIECES |
|---|---|---|
| **EC69008E** | Push-button with contact NO - 75x75x22 - with fixing screws | 1 |

## Pair of wall brackets

| ITEM | DESCRIPTION<br>EXTERNAL DIMENSIONS W x H x D mm | PACKAGING<br>PIECES |
|---|---|---|
| **EC69008P** | Galvanized steel - 250x40x3 -with fixing screws | 1 PAIR |



**EC69008S**



**EC69008T**




**EC69008E**



**EC69008P**

# ENQUIRY FORM FOR ASSEMBLED DISTRIBUTION BOARDS

PHOTOCOPY THESE PAGES, FILL IT IN WITH THE DATA AND SEND IT TO THE FAX NUMBER +33 035 655475 OR TO: info@elettrocanali.com

Last name _____ Name _____

Company _____ VAT Nr. _____

Address _____

Town _____ Country _____

Tel. _____ Fax _____ e-mail _____

Date _____ Signature _____

Please, specify the standard item to be customized: _____

**BOARD TYPE**: ☐ ASD-FIXED ☐ ASC-MOBILE ☐ IP44 ☐ IP65 ☐ WITH EMERGENCY PUSH-BUTTON ☐ WITH SUPPORT ☐ WITH SUPPORT AND TOP PROTECTION

**MODULES SOCKETS**

☐ 4 MOD. 2 SOCKETS ☐ 4 MOD. 3 SOCKETS ☐ 8 MOD. 4 SOCKETS ☐ 12 MOD. 3 SOCKETS
☐ 12 MOD. 6 SOCKETS ☐ 12 MOD. 2 OIWOF SOCKETS ☐ 12 MOD. 4 OIWOF SOCKETS ☐ 12 MOD. 2 VIWF SOCKETS
☐ 19 MOD. 8 SOCKETS ☐ 19 MOD. 4 OIWF SOCKETS ☐ 19 MOD. 3 VIWF SOCKETS
☐ CONTRUCTION SITE 5 VIWF SOKETS ☐ CONTRUCTION SITE 6 VIWF SOKETS ☐ CONTRUCTION SITE 12 FIXED SOKETS
☐ CONTRUCTION SITE 6 OIWOF SOKETS ☐ CONTRUCTION SITE 8 OIWOF SOKETS ☐ CONTRUCTION SITE 8 OIWF SOKETS

OIWOF = horizontal interlocked without fuse holder socket - OIWF = horizontal interlocked with fuse holder socket

VIWOF = vertical interlocked without fuse holder socket - VIWF = vertical interlocked with fuse holder socket

**SUPPLY**: ☐ PLUG 3P+N+T ☐ 16A ☐ 32A ☐ 63A ☐ DIRECTLY ☐ TERMINAL POWER

**SOCKETS**

| TYPE AND POLES | Voltage | 16A - Number: | 32A - Number: | 63A - Number |
|---|---|---|---|---|
| 2P+E - P30 | 220V~ | | X | X |
| 2P EN 60309 | 24V ~ | | | |
| 2P+E EN 60309 | 220V~ | | | |
| | | | | |
| 3P+E EN 60309 | 380V ~ | | | |
| | | | | |
| | | | | |
| 3P+N+E EN 60309 | 380V~ | | | |
| | | | | |
| | | | | |

**TYPE OF SOCKETS**

| | | | |
|---|---|---|---|
| Panel mounting | ☐ | ☐ | ☐ |
| Interlocked without fuse holder | ☐ | ☐ | ☐ |
| Interlocked with fuse holder | ☐ | ☐ | ☐ |

**CORRESPONDING MCB PROTECTION:**

| | | | |
|---|---|---|---|
| MCB (6 KA) Number and type | ☐ | ☐ | ☐ |
| | ☐ | ☐ | ☐ |

**CHOICE OF PROTECTION:**

| | | | |
|---|---|---|---|
| RCCB | ☐ | MCB | ☐ |
| Specify characteristics: | | | |

**OTHER:** _____

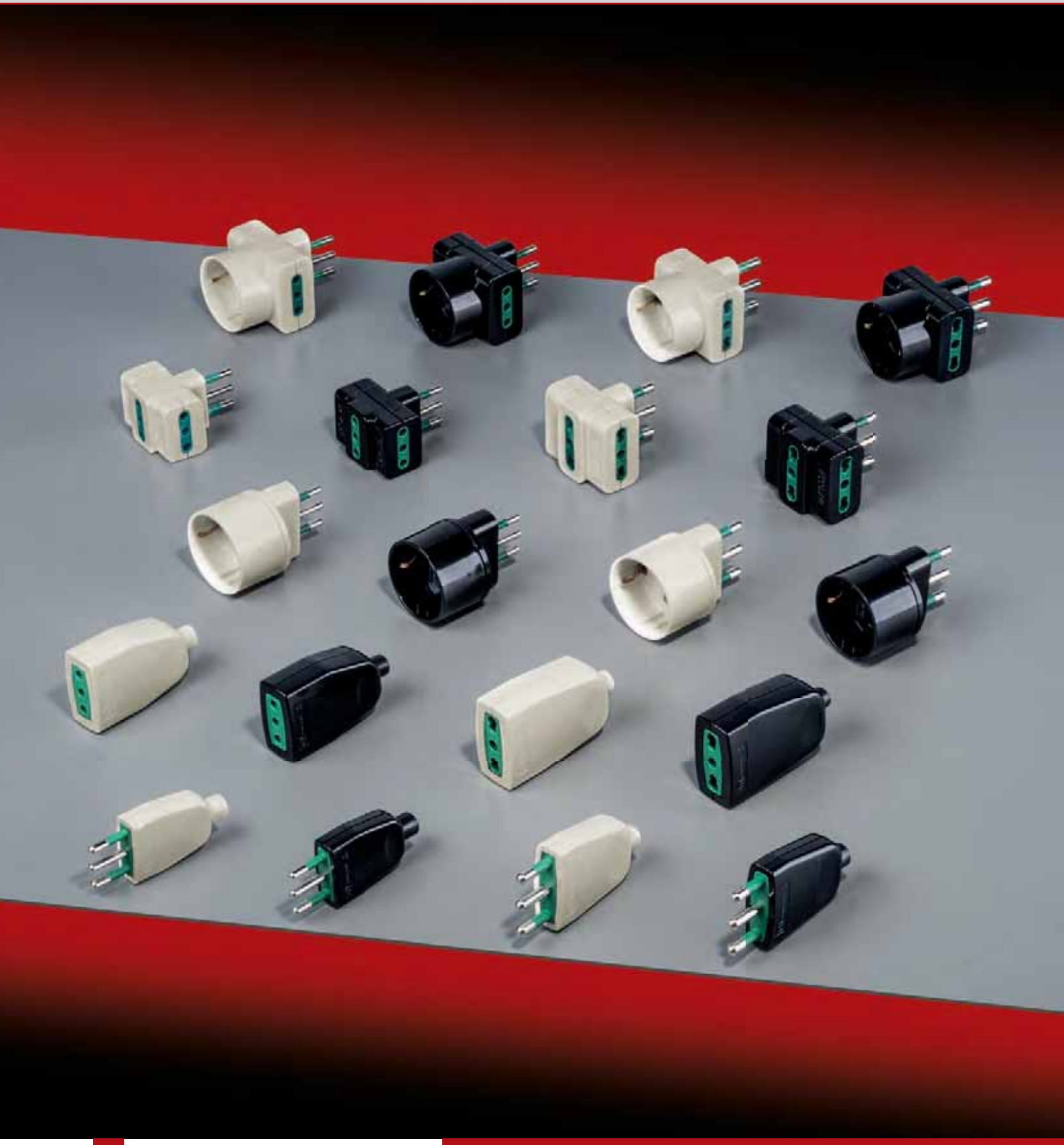
## CHOICE TABLE FOR BLANK/PRE-CUT-FLANGED BOARDS

| SOCKET TYPE | |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|
| VOLTAGE<br>IP DEGREE | | **IP44** | **IP44** | **IP67** | **IP67** | **IP44/65 WFH** | **IP44/65 WFH** | **IP44/65 WOFH** | **IP44/65 WOFH** |
| RATED CURRENT | | **16A<br>32A** | **16A<br>32A** | **16A<br>32A** | **16A<br>32A<br>63A** | **16A<br>32A<br>63A** | **16A<br>32A<br>63A** | **16A<br>32A<br>63A** | **16A<br>32A<br>63A** |
| TYPE<br>BLANK PRE-CUT | ITEM<br>MODULES<br>SOCKETS | 2P<br>2P+⏚ | 3P+⏚<br>3P+N+⏚ | 2P+⏚ | 3P+⏚<br>3P+N+⏚ | 2P+⏚ | 3P+⏚<br>3P+N+⏚ | 2P+⏚ | 3P+⏚<br>3P+N+⏚ |
|  | **EC69001**<br>**EC69011**<br>4 MODULES<br>2 SOCKETS | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69002**<br>**EC69012**<br>4 MODULES<br>3 SOCKETS | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69003**<br>**EC69013**<br>8 MODULES<br>4 SOCKETS | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69004**<br>**EC69014**<br>12 MODULES<br>3 SOCKETS | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69005**<br>**EC69015**<br>12 MODULES<br>6 SOCKETS | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69006**<br>**EC69016**<br>19 MODULES<br>8 SOCKETS | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
| FLANGED  | **EC69045**<br>12 MODULES<br>2 SOCKETS | NO | NO | NO | NO | **OK** | **OK** | **OK** | **OK** |
| FLANGED  | **EC69046**<br>19 MODULES<br>3 SOCKETS | NO | NO | NO | NO | **OK** | **OK** | **OK** | **OK** |
| | | | | | | | | | |

# CHOICE TABLE FOR FLANGED BOARD

| SOCKET TYPE | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| VOLTAGE<br>IP DEGREE | | | IP44 | IP44 | IP67 | IP67 | IP44/65 WFH | IP44/65 WFH | IP44/65 WOFH | IP44/65 WOFH |
| RATED CURRENT | | 16A | 16A | 16A | 16A | 16A | 16A | 16A<br>32A | 16A | 16A<br>32A |
| TYPE FLANGED | ITEM MODULES SOCKETS | 2P+⏚ | 2P<br>2P+⏚ | 3P+⏚<br>3P+N+⏚ | 2P+⏚ | 3P+⏚<br>3P+N+⏚ | 2P+⏚ | 3P+⏚<br>3P+N+⏚ | 2P+⏚ | 3P+⏚<br>3P+N+⏚ |
|  | **EC69021**<br>4 MODULES<br>2 SOCKETS | **OK** | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69022**<br>4 MODULES<br>3 SOCKETS | **OK** | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69023**<br>8 MODULES<br>4 SOCKETS | **OK** | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69024**<br>12 MODULES<br>3 SOCKETS | **OK** | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69025**<br>12 MODULES<br>6 SOCKETS | **OK** | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69026**<br>19 MODULES<br>8 SOCKETS | **OK** | **OK** | **OK** | **OK** | **OK** | NO | NO | NO | NO |
|  | **EC69034**<br>12 MODULES<br>2 SOCKETS | NO | NO | NO | NO | NO | NO | NO | **OK** | **OK** |
|  | **EC69035**<br>12 MODULES<br>4 SOCKETS | NO | NO | NO | NO | NO | NO | NO | **OK** | **OK** |
|  | **EC69036**<br>19 MODULES<br>4 SOCKETS | NO | NO | NO | NO | NO | **OK** | **OK** | NO | NO |

# PLUGS AND SOCKETS - ADAPTERS FOR DOMESTIC USE



# PLUGS AND SOCKETS **SERIES K33 - single Flow Pack**

**MAIN TECHNICAL FEATURES:**

- Material: self-extinguishing V0 (UL94) technopolymer, with high resistant to UV rays.
- Plugs with nickel-plated brass pins protected by insulation.
- Sockets protected against accidental contacts.
- Soft cable entry of soft and screw cable clamp system.
- Nominal voltage 250V~ - 50 Hz, rated current 10 - 16A.
- Resistance to abnormal heat: up to 750° C (Glow Wire Test, Reference Standard IEC 60695-2-11).
- Operating temperature: minimum –15°, maximum +35° C.
- Reference standard: CEI 23-50.
- Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.
- Single flow pack - European hole type.

**IP20**

WHITE RAL 9010

BLACK RAL 9011

## Plugs - axial outlet

| ITEM | COLOUR | DESCRIPTION | PACKAGING NR. FLOW PACK |
|---|---|---|---|
| **ECK33601** | □ | Plug 10A 2P+E - S11 | 100 |
| **ECK33611** | ■ | Plug 10A 2P+E - S11 | 100 |
| **ECK33603** | □ | Plug 16A 2P+E - S17 | 50 |
| **ECK33613** | ■ | Plug 16A 2P+E - S17 | 50 |

## Sockets - axial outlet

| ITEM | COLOUR | DESCRIPTION | PACKAGING NR. FLOW PACK |
|---|---|---|---|
| **ECK33602** | □ | Socket 10A 2P+E - P11 | 100 |
| **ECK33612** | ■ | Socket 10A 2P+E - P11 | 100 |
| **ECK33604** | □ | Socket 10/16A 2P+E - P17-11 | 50 |
| **ECK33614** | ■ | Socket 10/16A 2P+E - P17-11 | 50 |









**ECK33601** **ECK33611** **ECK33603** **ECK33613** **ECK33602** **ECK33612** **ECK33604** **ECK33614**

## ADAPTERS **SERIES K33 - single Flow Pack**

**MAIN TECHNICAL FEATURES:**

- Material: self-extinguishing V0 (UL94) technopolymer, with high resistant to UV rays.
- Plugs with nickel-plated brass pins protected by insulation.
- Sockets protected against accidental contacts.
- Nominal voltage 250V~ - 50 Hz, rated current 10 - 16A.
- Resistance to abnormal heat: up to 750° C (Glow Wire Test, Reference Standard IEC 60695-2-11).
- Operating temperature: minimum –15°, maximum +35° C.
- Reference standard: CEI 23-50.
- Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.
- Single flow pack - European hole type.

**IP20**

WHITE RAL 9010

BLACK RAL 9011

## 3way adapters

| ITEM | COLOUR | DESCRIPTION | PACKAGING NR. FLOW PACK |
|---|---|---|---|
| **ECK33605** | □ | Plug 10A 2P+E - 3 Sockets 10A 2P+E - S11-P11 | 100 |
| **ECK33615** | ■ | Plug 10A 2P+E - 3 Sockets 10A 2P+E - S11-P11 | 100 |
| **ECK33606** | □ | Plug 16A 2P+E - 3 Sockets 10/16A 2P+E - S17-P17/11 | 50 |
| **ECK33616** | ■ | Plug 16A 2P+E - 3 Sockets 10/16A 2P+E - S17-P17/11 | 50 |

## 3-way systems adapters - plug 10 -16A / 2 sockets + SCHUKO

| ITEM | COLOUR | DESCRIPTION | PACKAGING NR. FLOW PACK |
|---|---|---|---|
| **ECK33607** | □ | Plug 10A 2P+E - 2 Sockets 10A 2P+E + SCHUKO 16A - S11-P11-30 | 100 |
| **ECK33617** | ■ | Plug 10A 2P+E - 2 Sockets 10A 2P+E + SCHUKO 16A - S11-P11-30 | 100 |
| **ECK33608** | □ | Plug 16A 2P+E - 2 Sockets 10/16A 2P+E + SCHUKO 16A - S17-P17/11-30 | 50 |
| **ECK33618** | ■ | Plug 16A 2P+E - 2 Sockets 10/16A 2P+E + SCHUKO 16A - S17-P17/11-30 | 50 |







**ECK33605** **ECK33615** **ECK33606** **ECK33616** **ECK33607** **ECK33617** **ECK33608** **ECK33618**

# SYSTEM ADAPTERS **SERIES K33 - single Flow Pac**

**MAIN TECHNICAL FEATURES:**
- Material: self-extinguishing V0 (UL94) technopolymer, with high resistant to UV rays.
- Plugs with nickel-plated brass pins protected by insulation.
- Sockets protected against accidental contacts.
- Nominal voltage 250V~ - 50 Hz, rated current 10 - 16A.
- Resistance to abnormal heat: up to 750° C (Glow Wire Test, Reference Standard IEC 60695-2-11).
- Operating temperature: minimum –15°, maximum +35° C.
- Reference standard: CEI 23-50.
- Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.
- Single flow pack - European hole type.

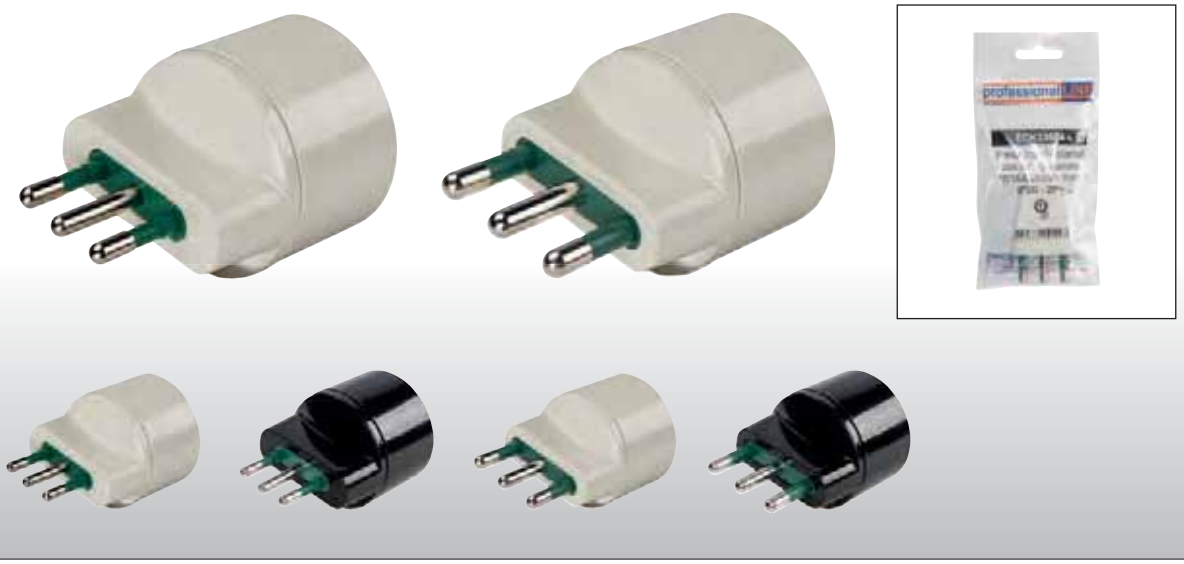
**IP20**

WHITE RAL 9010

BLACK RAL 9011

## System adaptors - plug 10 -16A / socket SCHUKO

| ITEM | COLOUR | DESCRIPTION | PACKAGING NR. FLOW PACK |
|---|---|---|---|
| **ECK33609** | □ | Plug 10A 2P+E - Socket SCHUKO 16A 2P+E - S11-P30 | 100 |
| **ECK33619** | ■ | Plug 10A 2P+E - Socket SCHUKO 16A 2P+E - S11-P30 | 100 |
| **ECK33610** | □ | Plug 16A 2P+E - Socket SCHUKO 16A 2P+E - S17-P30 | 50 |
| **ECK33620** | ■ | Plug 16A 2P+E - Socket SCHUKO 16A 2P+E - S17-P30 | 50 |



**ECK33609** **ECK33619** **ECK33610** **ECK33620**

# CABLE REELS



3

## MAIN TECHNICAL FEATURES

Material: made of shock resistant thermoresistant technopolymer, high resistant to UV rays.
Standard colour: grey RAL 7035, black.
Shock resistance: IK08 (up to 6J).
Resistance to abnormal heat: up to 750°-850°C (Glow Wire Test, Reference Standard IEC 695-2-1).
Application temperature domestic type: minimum –15° C, maximum +35° C.
Application temperature industrial type: minimum –25° C, maximum +40° C, maximum operating temperature: +60°C.
Rated voltage 230/400V~ - 50Hz - Insulation voltage 500/690V~.
Rated current 10/16/32A, with thermal circuit breaker >55°C restorable.
Maximum power with rolled/extended cable on each model.
Equipped with handle for rewinding.
Reference standards: IEC EN 61242, IEC EN 61316, IEC 60884-1, IEC 60884-2, CEI 23-50 - I Ed. 1998 + V1:2002.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Domestic cable reel Series K22
Series K22
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Domestic cable reel with metallic support Series K22
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Domestic cable reel and garden extensions Series K22
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Industrial cable reel 2 EN 60309 sockets with fixed metallic support Series 699
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Industrial cable reel 4 EN 60309 sockets with fixed metallic support Series 699
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Industrial cable reel 4 EN 60309 sockets with mobile metallic support Series 699
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Industrail extensions with EN 60309 plug and socket Series 699
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# MAIN TECHNICAL FEATURES

Available power with rolled or extended cable (indicated on each model)

Double insulated H07RN-F cable with blocking clamp

Shock resistance IK08: suitable for heavy installations

Handle for rewinding



Domestic cable reels equipped with sockets protected against accidental contacts

Strong and functional single-piece drum

On all domestic and industrial models there is the thermal circuit breaker, which interrupts power supply in case of overload

High-quality cable resistant to wear

The domestic cable reel ECK22, made up of UV-resistant self-extinguishing tchnopolymer, are are equipped with cable H05VV F3-G1-1, 5 in accordance with CEI 23-50-I Ed. 1998 + V1 2002 with plugs firmly fixed to the cable through nickel-plated and protected plugs. They are characterized by sockets protected against accidental contacts, base and handle for rewinding.
The industrial cable reels are built with a double insulated H07RN-F cable, IP44/IP67 EN60309 plugs.

The painted and galvanized steel metal support has got a a soft antislip rubber handle, automatic internal drum brake and cable clamp.
All reels are wired with resettable thermal circuit breaker that, acting under the Joule effect in close contact with the cable, interrupts the power supply if the cable temperature exceeds 55 ° C
The circuit breaker is not a cut-off switch, so it does't protect against short circuits and overloads and all operations are to be performed after having disconnected the upstream circuit with appropriate control equipments.
When in use carefully unroll the cable entirely, check the absence of any damages or cracks, and periodically control the continuity of the phase and protection conductors.
Prevent the cable from being crushed abnormal loads such as vehicles, trailers and similar and rewind the cable after the use, which must always be temporary.
Do not use the cable reels in environments with a risk of fire or explosion.

# mounting examples



# DOMESTIC CABLE REEL **SERIES K22**

**MAIN TECHNICAL FEATURES:**

- Cable reel with plug firmly fixed to the cable type S17 16A.
- Rated voltage 250V~ - 50Hz - Insulation voltage 500V~.
- Sockets with protected poles against accidental contact.
- Thermal circuit breaker >55°C restorable.
- For supply of equipment in Class I or II.
- Equipped with handle for rewinding.
- Products complying with the Standards IEC 60884-1, IEC 60884-2-5, EN 61242.

CE

**IP20**

## Domestic cable reel plug 16A 2P+⏚ S17 - Italian and multistandard sockets

| ITEM | INSTALLED SOCKETS 10/16A 2P+⏚ | PLUG 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **ECK22101** | 2 | S17 - 2P+⏚ | 20 | 5 - 3x1,5 | 1,1 - 3,0 kW | 1/10 |
| **ECK22102** | 4 | S17 - 2P+⏚ | 20 | 10 - 3x1,5 | 1,1 - 3,0 kW | 1/10 |
| **ECK22103** | 4 | S17 - 2P+⏚ | 20 | 20 - 3x1,5 | 1,1 - 3,0 kW | 1/10 |

## Domestic cable reel plug 16A 2P+⏚ S17 - Italian and multistandard sockets - ø 185 mm

| ITEM | INSTALLED SOCKETS 10/16A 2P+⏚ | PLUG 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **ECK22104** | 4 | S17 - 2P+⏚ | 20 | 15 - 3x1,5 | 1,1 - 3,0 kW | 1/4 |

## Domestic cable reel plug 16A 2P+⏚ S17 - Italian and multistandard sockets - ø 240 mm

| ITEM | INSTALLED SOCKETS 10/16A 2P+⏚ | PLUG 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **ECK22105** | 4 | S17 - 2P+⏚ | 20 | 25 - 3x1,5 | 1,1 - 3,0 kW | 1/2 |

## Domestic cable reel plug 16A 2P+⏚ S17 - Italian and multistandard sockets - ø 285 mm

| ITEM | INSTALLED SOCKETS 10/16A 2P+⏚ | PLUG 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **ECK22106** | 4 | S17 - 2P+⏚ | 20 | 50 - 3x1,5 | 1,1 - 3,0 kW | 1/2 |



**ECK22101** **ECK22102** **ECK22104** **ECK22105** **ECK22106**

# DOMESTIC CABLE REEL AND GARDEN EXTENSIONS **SERIES K22**

**MAIN TECHNICAL FEATURES:**

- Cable reel with plug firmly fixed to the cable type S17 16A.
- Rated voltage 250V~ - 50Hz - Insulation voltage 500V~.
- Sockets with protected poles against accidental contact.
- Thermal circuit breaker >55°C restorable.
- For supply of equipment in Class I or II.
- Equipped with handle for rewinding.
- Products complying with the Standards IEC 60884-1, IEC 60884-2-5, EN 61242.

CE

**IP20**

## Garden cable reel plug 16A 2P+⏚ S31 schuko socket 16A 2P+⏚P30 schuko - Ø 300mm

| ITEM | INSTALLED SOCKETS 10/16A 2P+⏚ | 10/16A 2P+⏚ | 16A 2P+⏚ | PLUG 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **ECK22310** | | | 1 | S31 - 2P+⏚ | 20 | 20 - 3x1,5 | 1,0 - 3,0 kW | 1 |
| **ECK22311** | | | 1 | S31 - 2P+⏚ | 20 | 30 - 3x1,5 | 1,0 - 3,0 kW | 1 |

## Garden extensions plug and socket 16A 2P schuko

| ITEM | INSTALLED SOCKETS 10/16A 2P+⏚ | 10/16A 2P+⏚ | 16A 2P | PLUG 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **ECK22422** | | | 1 | S16- 2P | 20 | 20 - 2x1,5 | 1,0 - 3,0 kW | 1 |
| **ECK22426** | | | 1 | S16- 2P | 20 | 40 - 2x1,5 | 1,0 - 3,0 kW | 1 |



**ECK22310**



**ECK22422**

# INDUSTRIAL CABLE REELS **SERIES 699**

**MAIN TECHNICAL FEATURES:**

- Cable reel with galvanized and painted galvanized metallic support.
- Rated voltage 230/400V~ - 50Hz - Insulation voltage 500/690V~.
- Drum with internal automatic brake system and cable blocking clamp.
- Thermal circuit breaker >55°C restorable.
- Cable H07NRF - double insulation HAR or H05VV-F or H05VV-F.
- Equipped with handle for rewinding.
- Products complying with the Standards EN 61242, EN 61316.

**IP44**

GREY RAL 7035

## Empty cable reels with support

| ITEM | DESCRIPTION | INSTALLABLE SOCKETS | DRUM DIAMETER DIMENSIONS W x H x D mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC69901** | Empty cable reel | 2 sockets | 330 mm - 255x335x400 | 1 |
| **EC69903** | Empty cable reel | 4 sockets | 400 mm - 255x430x520 | 1 |
| **EC69905** | Empty cable reel- with wheels | 4 sockets | 400 mm - 375x475x800 | 1 |

## Industrial cable reel 2 sockets - cable H07RN-F - Ø 330 mm - 255x235x400 mm

| ITEM | INSTALLED SOCKETS 10/16A 2P+⏚ | INSTALLED SOCKETS 16A 2P+⏚ | | PLUG EN 60309 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE H07RN-F | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC6992020** | 2 | | Schuko / Italian | 2P+⏚ | 44 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC6992020L** | 2 | | Schuko / Italian | 2P+⏚ | 44 | 40 - 3x2,5 | 1,5 - 3,6 kW | 1 |
| **EC6992025** | | 2 | French | 2P+⏚ | 44 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC6992025L** | | 2 | French | 2P+⏚ | 44 | 40 - 3x2,5 | 1,5 - 3,6 kW | 1 |

## Industrial cable reel 2 sockets 16A EN 60309 - cable H05VV-F - Ø 330 mm - 255x235x400 mm

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | PLUG EN 60309 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE H05VV-F | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|
| **EC6992021** | 2 | - | - | - | 2P+⏚ | 44 | 30 - 3x1,5 | 1,5 - 3,6 kW | 1 |
| **EC6992021L** | 2 | - | - | - | 2P+⏚ | 44 | 40 - 3x1,5 | 1,5 - 3,6 kW | 1 |
| **EC6992021XL** | 2 | - | - | - | 2P+⏚ | 44 | 50 - 3x1,5 | 1,5 - 3,6 kW | 1 |
| **EC6992022** | 1 | - | - | 1 | 2P+⏚ | 44 | 30 - 3x1,5 | 1,5 - 3,6 kW | 1 |
| **EC6992022L** | 1 | - | - | 1 | 2P+⏚ | 44 | 40 - 3x1,5 | 1,5 - 3,6 kW | 1 |
| **EC6992022XL** | 1 | - | - | 1 | 2P+⏚ | 44 | 50 - 3x1,5 | 1,5 - 3,6 kW | 1 |



**EC69901** **EC69903** **EC69905** **EC6992020** **EC6992021**

# INDUSTRIAL CABLE REELS **SERIES 699**

**MAIN TECHNICAL FEATURES:**

- Cable reel with galvanized and painted galvanized metallic support, equipped with handle for rewinding.
- Rated voltage 230/400V~ - 50Hz - Insulation voltage 500/690V~.
- Drum with internal automatic brake system and cable blocking clamp.
- Thermal circuit breaker >55°C restorable.
- Cable H07NRF - double insulation HAR.
- Products complying with the Standards EN 61242, EN 61316
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- Dimensions 255x335x400 mm.
- **Different combinations supplied on request.**

**IP44**
**IP55**

CE

GREY RAL 7035

## Industrial cable reel plug 2 sockets EN 60309 16A - Ø 330 mm

| ITEM | INSTALLED SOCKETS | | | | PLUG EN 60309 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|---|
| | EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | SCHUKO ITALIAN | | | | | |
| **EC6992120** | 1 | 1 | - | - | 3P+N+⏚ | 44 | 20 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992121** | 2 | - | - | - | 2P+⏚ | 44 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC6992121L** | 2 | - | - | - | 2P+⏚ | 44 | 40 - 3x2,5 | 1,5 - 3,6 kW | 1 |
| **EC6992122** | 1 | - | - | 1 | 2P+⏚ | 44 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC6992122L** | 1 | - | - | 1 | 2P+⏚ | 44 | 40 - 3x2,5 | 1,5 - 3,6 kW | 1 |
| **EC6992124** | - | 2 | - | - | 3P+⏚ | 44 | 30 - 4x2,5 | 4,5 - 11,0 kW | 1 |
| **EC6992124L** | - | 2 | - | - | 3P+⏚ | 44 | 40 - 4x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992125** | - | - | 2 | - | 3P+N+⏚ | 44 | 20 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992126** | 1 | - | 1 | - | 3P+N+⏚ | 44 | 20 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992130** | 1 | 1 | - | - | 3P+N+⏚ | 55 | 20 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992131** | 2 | - | - | - | 2P+⏚ | 55 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC6992131L** | 2 | - | - | - | 2P+⏚ | 55 | 40 - 3x2,5 | 1,5 - 3,6 kW | 1 |
| **EC6992134** | - | 2 | - | - | 3P+⏚ | 55 | 30 - 4x2,5 | 4,5 - 11,0 kW | 1 |
| **EC6992134L** | - | 2 | - | - | 3P+⏚ | 55 | 40 - 4x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992135** | - | - | 2 | - | 3P+N+⏚ | 55 | 20 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992136** | 1 | - | 1 | - | 3P+N+⏚ | 55 | 20 - 5x2,5 | 5,0 - 11,0 kW | 1 |



**EC6992120**



**EC6992135**

# INDUSTRIAL CABLE REELS **SERIES 699**

**MAIN TECHNICAL FEATURES:**

- Cable reel with galvanized and painted galvanized metallic support, equipped with handle for rewinding.
- Rated voltage 230/400V~ - 50Hz - Insulation voltage 500/690V~.
- Drum with internal automatic brake system and cable blocking clamp.
- Thermal circuit breaker >55°C restorable.
- Cable H07NRF - double insulation HAR.
- Products complying with the Standards EN 61242, EN 61316
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- Dimensions 255x430x520 mm.
- **Different combinations supplied on request.**

**IP44**
**IP55**

CE

GREY RAL 7035

## Industrial cable reel plug 4 sockets EN 60309 16A - Ø 400 mm - 30 MT cable

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG EN 60309 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC6992320** | 2 | 2 | - | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992324** | 4 | - | - | 2P+⏚ | 44 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC6992325** | - | 4 | - | 3P+⏚ | 44 | 30 - 4x2,5 | 4,5 - 11,0 kW | 1 |
| **EC6992326** | - | - | 4 | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992327** | 2 | - | 2 | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992328** | 3 | 1 | - | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992329** | 3 | - | 1 | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992330** | 2 | 2 | - | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992334** | 4 | - | - | 2P+⏚ | 55 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC6992335** | - | 4 | - | 3P+⏚ | 55 | 30 - 4x2,5 | 4,5 - 11,0 kW | 1 |
| **EC6992336** | - | - | 4 | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992337** | 2 | - | 2 | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992338** | 3 | 1 | - | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992339** | 3 | - | 1 | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |



**EC6992334**

# INDUSTRIAL CABLE REELS **SERIES 699**

**MAIN TECHNICAL FEATURES:**

- Cable reel with galvanized and painted galvanized metallic support, equipped with handle for rewinding.
- Rated voltage 230/400V~ - 50Hz - Insulation voltage 500/690V~.
- Drum with internal automatic brake system and cable blocking clamp.
- Thermal circuit breaker >55°C restorable.
- Cable H07NRF - double insulation HAR.
- Products complying with the Standards EN 61242, EN 61316
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- Dimensions 255x430x520 mm.
- **Different combinations supplied on request.**

**IP44**
**IP55**

CE

GREY RAL 7035

## Industrial cable reel plug 4 sockets EN 60309 16A - Ø 400 mm - 50 MT cable

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG EN 60309 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC6992320L** | 2 | 2 | - | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992324L** | 4 | - | - | 2P+⏚ | 44 | 50 - 3x2,5 | 1,6 - 3,6 kW | 1 |
| **EC6992325L** | - | 4 | - | 3P+⏚ | 44 | 50 - 4x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992326L** | - | - | 4 | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992327L** | 2 | - | 2 | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992328L** | 3 | 1 | - | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992329L** | 3 | - | 1 | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992330L** | 2 | 2 | - | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992334L** | 4 | - | - | 2P+⏚ | 55 | 50 - 3x2,5 | 1,6 - 3,6 kW | 1 |
| **EC6992335L** | - | 4 | - | 3P+⏚ | 55 | 50 - 4x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992336L** | - | - | 4 | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992337L** | 2 | - | 2 | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992338L** | 3 | 1 | - | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992339L** | 3 | - | 1 | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |



**EC6992320L**

# MOBILE INDUSTRIAL CABLE REELS **SERIES 699**

**MAIN TECHNICAL FEATURES:**

- Cable reel with galvanized and painted galvanized metallic support, equipped with handle for rewinding.
- Rated voltage 230/400V~ - 50Hz - Insulation voltage 500/690V~.
- Drum with internal automatic brake system and cable blocking clamp.
- Thermal circuit breaker >55°C restorable.
- Cable H07NRF - double insulation HAR.
- Products complying with the Standards EN 61242, EN 61316
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- Dimensions 375x475x800 mm.
- **Different combinations supplied on request.**

**IP44**
**IP55**

CE

GREY RAL 7035

## Mobile industrial cable reel plug 4 sockets EN 60309 16A - Ø 400 mm - 30 MT cable

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG EN 60309 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC6992320M** | 2 | 2 | - | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992324M** | 4 | - | - | 2P+⏚ | 44 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC6992325M** | - | 4 | - | 3P+⏚ | 44 | 30 - 4x2,5 | 4,5 - 11,0 kW | 1 |
| **EC6992326M** | - | - | 4 | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992327M** | 2 | - | 2 | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992328M** | 3 | 1 | - | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992329M** | 3 | - | 1 | 3P+N+⏚ | 44 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992330M** | 2 | 2 | - | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992334M** | 4 | - | - | 2P+⏚ | 55 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC6992335M** | - | 4 | - | 3P+⏚ | 55 | 30 - 4x2,5 | 4,5 - 11,0 kW | 1 |
| **EC6992336M** | - | - | 4 | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992337M** | 2 | - | 2 | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992338M** | 3 | 1 | - | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |
| **EC6992339M** | 3 | - | 1 | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |



**EC6992324M**

# MOBILE INDUSTRIAL CABLE REELS **SERIES 699**

**MAIN TECHNICAL FEATURES:**

- Cable reel with galvanized and painted galvanized metallic support, equipped with handle for rewinding.
- Rated voltage 230/400V~ - 50Hz - Insulation voltage 500/690V~.
- Drum with internal automatic brake system and cable blocking clamp.
- Thermal circuit breaker >55°C restorable.
- Cable H07NRF - double insulation HAR.
- Products complying with the Standards EN 61242, EN 61316.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- Dimensions 375x475x800 mm.
- **Different combinations supplied on request.**

**IP44**
**IP55**

CE

GREY RAL 7035

## Mobile industrial cable reel plug 4 sockets EN 60309 16A - Ø 400 mm - 50 MT cable

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG EN 60309 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC6992320LM** | 2 | 2 | - | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992324LM** | 4 | - | - | 2P+⏚ | 44 | 50 - 3x2,5 | 1,6 - 3,6 kW | 1 |
| **EC6992325LM** | - | 4 | - | 3P+⏚ | 44 | 50 - 4x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992326LM** | - | - | 4 | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992327LM** | 2 | - | 2 | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992328LM** | 3 | 1 | - | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992329LM** | 3 | - | 1 | 3P+N+⏚ | 44 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992330LM** | 2 | 2 | - | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992334LM** | 4 | - | - | 2P+⏚ | 55 | 50 - 3x2,5 | 1,6 - 3,6 kW | 1 |
| **EC6992335LM** | - | 4 | - | 3P+⏚ | 55 | 50 - 4x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992336LM** | - | - | 4 | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992337LM** | 2 | - | 2 | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992338LM** | 3 | 1 | - | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |
| **EC6992339LM** | 3 | - | 1 | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |



**EC6992324LM**

# INDUSTRIAL CABLE REELS **SERIES 699**

**MAIN TECHNICAL FEATURES:**
- Cable reel with galvanized and painted galvanized metallic support, equipped with handle for rewinding.
- Rated voltage 230/400V~ - 50Hz - Insulation voltage 500/690V~.
- Drum with internal automatic brake system and cable blocking clamp.
- Thermal circuit breaker >55°C restorable - Cable H07NRF - double insulation HAR.
- Products complying with the Standards EN 61242, EN 61316.
- Each piece packed in strong cardboard boxes suitable for transport and storage.
- Dimensions 255x430x520 mm.
- **Different combinations supplied on request.**

**IP55**

GREY RAL 7035

## Industrial cable reel plug 1 interlocked socket without fuse holder EN 60309 16A - Ø 400 mm - 30 MT cable

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG EN 60309 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC69991** | 1 | - | - | 2P+⏚ | 55 | 30 - 3x2,5 | 1,8 - 3,6 kW | 1 |
| **EC69993** | - | 1 | - | 3P+⏚ | 55 | 30 - 4x2,5 | 4,5 - 11,0 kW | 1 |
| **EC69995** | - | - | 1 | 3P+N+⏚ | 55 | 30 - 5x2,5 | 5,0 - 11,0 kW | 1 |

## Industrial cable reel plug 1 interlocked socket without fuse holder EN 60309 16A - Ø 400 mm - 50 MT cable

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG EN 60309 16A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC69991L** | 1 | - | - | 2P+⏚ | 55 | 50 - 3x2,5 | 1,6 - 3,6 kW | 1 |
| **EC69993L** | - | 1 | - | 3P+⏚ | 55 | 50 - 4x2,5 | 4,0 - 11,0 kW | 1 |
| **EC69995L** | - | - | 1 | 3P+N+⏚ | 55 | 50 - 5x2,5 | 4,0 - 11,0 kW | 1 |

## Industrial cable reel plug 1 interlocked socket without fuse holder EN 60309 32A - Ø 400 mm - 30 MT cable

| ITEM | INSTALLED SOCKETS EN 309 2P+⏚ | EN 309 3P+⏚ | EN 309 3P+N+⏚ | PLUG EN 60309 32A | IP | CABLE MT | POWER kW ROLLED/ EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|---|
| **EC69996** | 1 | - | - | 2P+⏚ | 55 | 30 - 3x4 | 2,5 - 5,0 kW | 1 |
| **EC69997** | - | 1 | - | 3P+⏚ | 55 | 30 - 4x4 | 7,0 - 14,0 kW | 1 |
| **EC69999** | - | - | 1 | 3P+N+⏚ | 55 | 30 - 5x4 | 7,0 - 14,0 kW | 1 |



**EC69991**

# INDUSTRIAL EXTENSIONS **SERIES 699**

**MAIN TECHNICAL FEATURES:**

- Industrial extensions for mobile connection.
- Rated voltage 230/400V~ - 50Hz - Isolation voltage 500/690V~.
- Cable H07NRF - double insulation HAR.
- Cable complying with the EU standards 64-8V7 for use on construction sites.
- High degree of flexibility even at low temperatures.
- Resistant to wear, abrasion and compression.
- Use extension cords completely extended.

CE

**IP44**
**IP67**

## Industrial extensions EN 60309 plug and socket 16A - IP44

| ITEM | TYPE | SOCKET EN 60309 16A | PLUG EN 60309 16A | IP | CABLE MT | POWER kW EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC699P10** | | 2P+⏚ | 2P+⏚ | 44 | 10 - 3x2,5 | 3,6 kW | 1 |
| **EC699P11** | | 3P+⏚ | 3P+⏚ | 44 | 10 - 4x2,5 | 11,0 kW | 1 |
| **EC699P12** | | 3P+N+⏚ | 3P+N+⏚ | 44 | 10 - 5x2,5 | 11,0 kW | 1 |
| **EC699P13** | | 2P+⏚ | 2P+⏚ | 44 | 20 - 3x2,5 | 3,6 kW | 1 |
| **EC699P14** | | 3P+⏚ | 3P+⏚ | 44 | 20 - 4x2,5 | 11,0 kW | 1 |
| **EC699P15** | | 3P+N+⏚ | 3P+N+⏚ | 44 | 20 - 5x2,5 | 11,0 kW | 1 |
| **EC699P16** | | 2P+⏚ | 2P+⏚ | 44 | 30 - 3x2,5 | 3,6 kW | 1 |
| **EC699P17** | | 3P+⏚ | 3P+⏚ | 44 | 30 - 4x2,5 | 11,0 kW | 1 |
| **EC699P18** | | 3P+N+⏚ | 3P+N+⏚ | 44 | 30 - 5x2,5 | 11,0 kW | 1 |

## Industrial extensions EN 60309 plug and socket 16A - IP67

| ITEM | TYPE | SOCKET EN 60309 16A | PLUG EN 60309 16A | IP | CABLE MT | POWER kW EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC699P20** | | 2P+⏚ | 2P+⏚ | 67 | 10 - 3x2,5 | 3,6 kW | 1 |
| **EC699P21** | | 3P+⏚ | 3P+⏚ | 67 | 10 - 4x2,5 | 11,0 kW | 1 |
| **EC699P22** | | 3P+N+⏚ | 3P+N+⏚ | 67 | 10 - 5x2,5 | 11,0 kW | 1 |
| **EC699P23** | | 2P+⏚ | 2P+⏚ | 67 | 20 - 3x2,5 | 3,6 kW | 1 |
| **EC699P24** | | 3P+⏚ | 3P+⏚ | 67 | 20 - 4x2,5 | 11,0 kW | 1 |
| **EC699P25** | | 3P+N+⏚ | 3P+N+⏚ | 67 | 20 - 5x2,5 | 11,0 kW | 1 |
| **EC699P26** | | 2P+⏚ | 2P+⏚ | 67 | 30 - 3x2,5 | 3,6 kW | 1 |
| **EC699P27** | | 3P+⏚ | 3P+⏚ | 67 | 30 - 4x2,5 | 11,0 kW | 1 |
| **EC699P28** | | 3P+N+⏚ | 3P+N+⏚ | 67 | 30 - 5x2,5 | 11,0 kW | 1 |



**EC699P10**



**EC699P21**

# INDUSTRIAL EXTENSIONS **SERIES 699**

**MAIN TECHNICAL FEATURES:**

- Industrial extensions for mobile connection.
- Rated voltage 230/400V~ - 50Hz - Isolation voltage 500/690V~.
- Cable H07NRF - double insulation HAR.
- Cable complying with the EU standards 64-8V7 for use on construction sites.
- High degree of flexibility even at low temperatures.
- Resistant to wear, abrasion and compression.
- Use extension cords completely extended.

CE
**IP44**
**IP67**

## Industrial extensions EN 60309 plug and socket 32A - IP44

| ITEM | TYPE | SOCKET EN 60309 32A | PLUG EN 60309 32A | IP | CABLE MT | POWER kW EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC699P30** | | 2P+⏚ | 2P+⏚ | 44 | 10 - 3x4 | 7,0 kW | 1 |
| **EC699P31** | | 3P+⏚ | 3P+⏚ | 44 | 10 - 4x4 | 21,0 kW | 1 |
| **EC699P32** | | 3P+N+⏚ | 3P+N+⏚ | 44 | 10 - 5x4 | 21,0 kW | 1 |
| **EC699P33** | | 2P+⏚ | 2P+⏚ | 44 | 20 - 3x4 | 7,0 kW | 1 |
| **EC699P34** | | 3P+⏚ | 3P+⏚ | 44 | 20 - 4x4 | 21,0 kW | 1 |
| **EC699P35** | | 3P+N+⏚ | 3P+N+⏚ | 44 | 20 - 5x4 | 21,0 kW | 1 |
| **EC699P36** | | 2P+⏚ | 2P+⏚ | 44 | 30 - 3x4 | 7,0 kW | 1 |
| **EC699P37** | | 3P+⏚ | 3P+⏚ | 44 | 30 - 4x4 | 21,0 kW | 1 |
| **EC699P38** | | 3P+N+⏚ | 3P+N+⏚ | 44 | 30 - 5x4 | 21,0 kW | 1 |

## Industrial extensions EN 60309 plug and socket 32A - IP67

| ITEM | TYPE | SOCKET EN 60309 32A | PLUG EN 60309 32A | IP | CABLE MT | POWER kW EXTENDED CABLE | PACKAGING PIECES |
|---|---|---|---|---|---|---|---|
| **EC699P40** | | 2P+⏚ | 2P+⏚ | 67 | 10 - 3x4 | 7,0 kW | 1 |
| **EC699P41** | | 3P+⏚ | 3P+⏚ | 67 | 10 - 4x4 | 21,0 kW | 1 |
| **EC699P42** | | 3P+N+⏚ | 3P+N+⏚ | 67 | 10 - 5x4 | 21,0 kW | 1 |
| **EC699P43** | | 2P+⏚ | 2P+⏚ | 67 | 20 - 3x4 | 7,0 kW | 1 |
| **EC699P44** | | 3P+⏚ | 3P+⏚ | 67 | 20 - 4x4 | 21,0 kW | 1 |
| **EC699P45** | | 3P+N+⏚ | 3P+N+⏚ | 67 | 20 - 5x4 | 21,0 kW | 1 |
| **EC699P46** | | 2P+⏚ | 2P+⏚ | 67 | 30 - 3x4 | 7,0 kW | 1 |
| **EC699P47** | | 3P+⏚ | 3P+⏚ | 67 | 30 - 4x4 | 21,0 kW | 1 |
| **EC699P48** | | 3P+N+⏚ | 3P+N+⏚ | 67 | 30 - 5x4 | 21,0 kW | 1 |



**EC699P30**

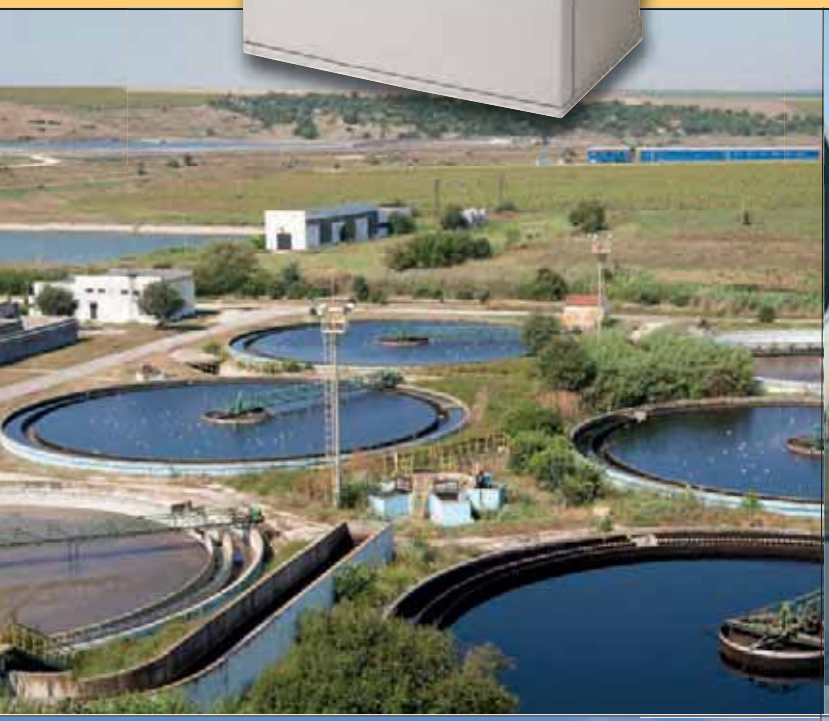


**EC699P40**

# mounting examples







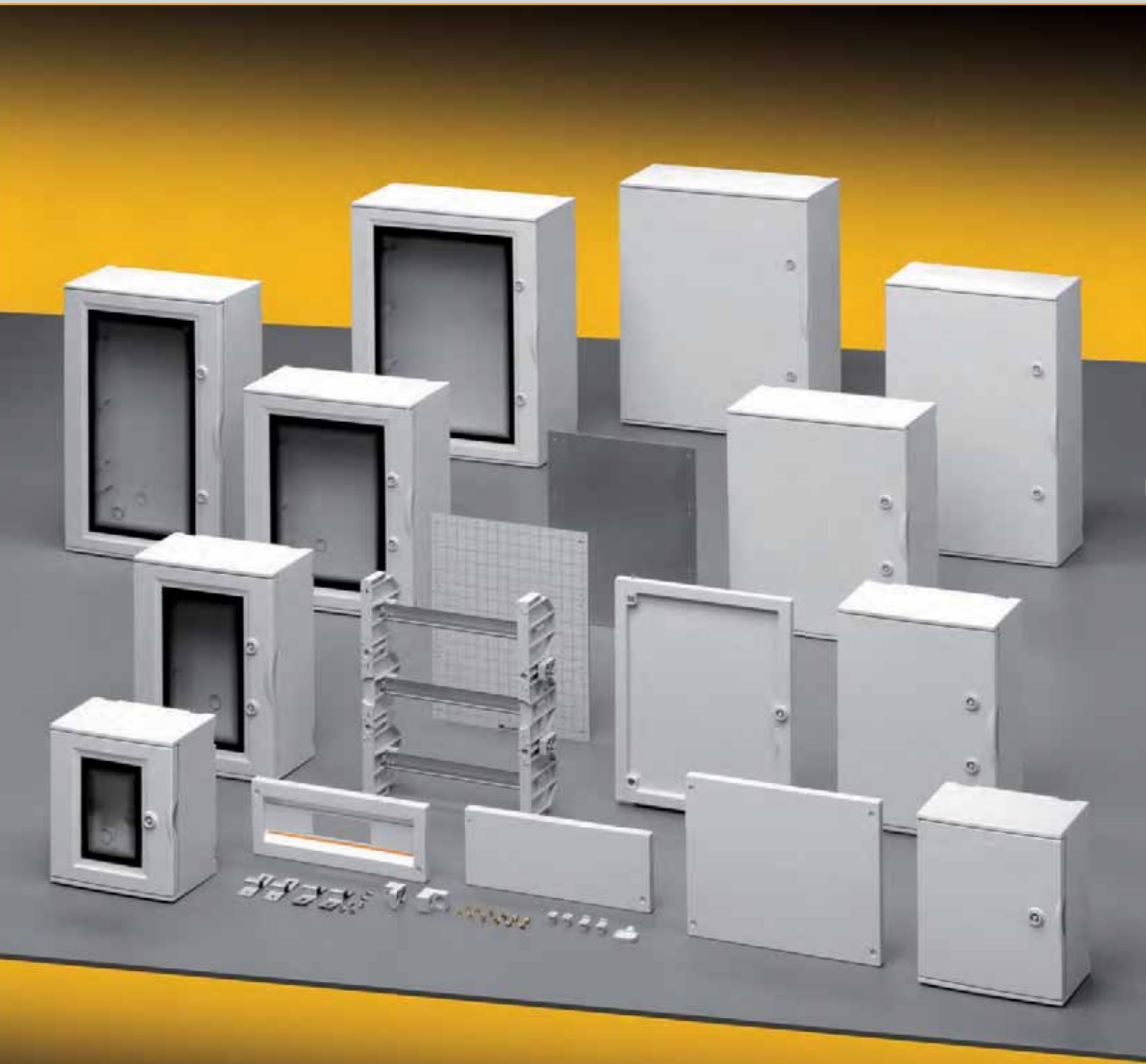






QUBE system

# SURFACE MOUNTING POLYESTER BOARDS



## MAIN TECHNICAL FEATURES

Material: made of halogen free reinforced fiberglass polyester, self-extinguishing HB degree to UL94.
High resistant to UV rays.
Standard colours: grey RAL 7035.
Resistance to mechanical shocks IK 10 (schocks up to a 20 J), reference standard EN 62262.
Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard)- board with blank door up to 960° C - board with transparent window up to 650° C.
Application temperature: minimum -25°, maximum +70°.
IP65 protection degree.
Nominal application voltage 1000VAC, 1500VDC, suitable far photovoltaic plants.
Double insulation. ⧈
Possibility to mount 48-75mm high switches or 102mm high switches starting from the board with dimensions 435x505x215 mm.
Right or left reversible door with stainless steel pins - it can be opened at 180°.
Power loss in compliance with Standard EN 60670-24.
Reference Standards: EN 60670-1, EN 60670-24, EN 61439-1, EN 61439-2, EN 62208.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



IP65 polyester boards - blank door
page 234



IP65 polyester boards - transparent window
page 234



Polyester counterdoor, metal back plate and insulanting back plate
page 234



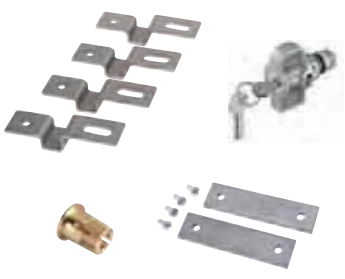
Cover module with window and blank
page 234



Up rights for panels module and rails DIN
page 234



Assembly accessories for polyester boards
page 234



# MAIN TECHNICAL FEATURES

Blank or with window door, opening angle greater than 180°

Counter-door with ergonomic handle and triangular key

Accessories fixing through brass expansion inserts

Bottom of the boards in one piece

Polyurethane gaskets



Galvanized or stainless steel fixing brackets

Plain and smooth headboard for easy opening and conduit inlet

Door and counter-door are hinged with rapid fixing through stainless steel spring pins

Counter door can be installed at two different heights

Metal or insulation back plates, can be placed at different heights

Screw cover caps to keep IP-protection and double insulation

ELETTROCANALI presents the new range of distribution boards QUBESYSTEM series, made of monobloc polyester reinforced with 25% glass fiber, thermosetting, heat-resistant, UV-resistant, self-extinguishing HB according to UL94 standard and halogen-free, in gray color 7035.

The peculiar characteristic of the new polyester panels is the high resistance to corrosion and air pollution, which make them particularly suitable for installation in outdoor, industrial and process environments such as, for example, in tourist ports, washing, construction sites, chemical factories, paper mills, food, petrochemical, telecommunications, energy, photovoltaics, railways, etc., etc.

The IP65 protection rating and the double insulation system guarantee the protection of the installed equipment, while the high impact resistance (IK10 grade) ensures the necessary strength for outdoor and industrial applications.

Available in two versions with a blank door or with a transparent window, the boards are fitted with reversible doors that can be opened at an angle of more than 180 ° to flush with the wall to avoid creating an obstacle or danger once opened and for easy wiring in the workshop. The doors are also easily separable from the bottom, to be subsequently installed more easily.

The closure is made with a triangular insert with the supplied key, but which can be replaced by the kit with a coded safety key when the installation conditions require it.

# MAIN TECHNICAL FEATURES

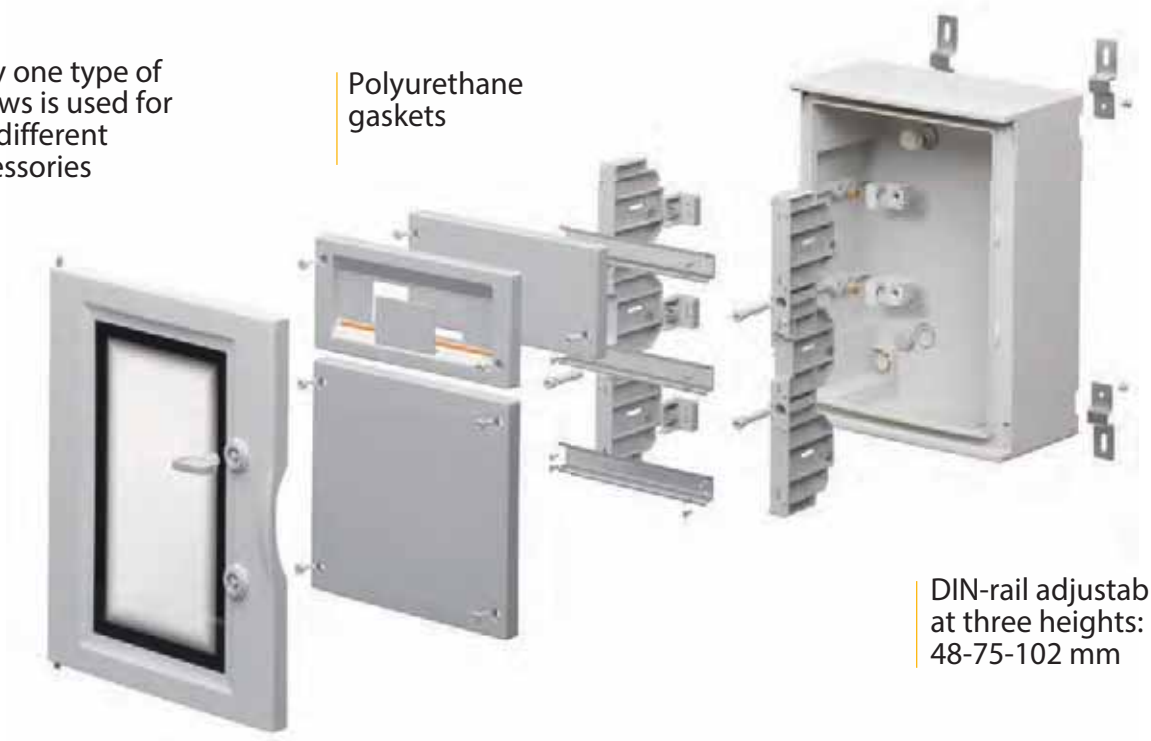
Modular blank plate

Distance between the DIN rails:
36 modules: 125 mm
54/72/96/140 modules: 150 mm

Accessories fixing through brass expansion inserts

Only one type of screws is used for the different accessories

Polyurethane gaskets



DIN-rail adjustable at three heights:
48-75-102 mm

Impact and UV resistant polycarbonate window

Single/double blank panels

Fixing of the panels through a 1/4 turn screws

Modular frame to wire in the workshop with the uprights, the DIN rails and panels

The boards have an installation temperature between -25 ° C and + 70 ° C, while the temperature resistance of the material ranges from -40 ° C to + 110 ° C.
6 sizes are available, from the smallest of 270x305x170 mm up to the largest measuring 620x810x320 mm. All accessories can be equipped with the installation accessories for the realization of the different configurations: starting from the bottom plates, metal or insulating, which can be installed directly on the bottom or adjusted on different heights, to the internal counterdoors, also they are made in polyester, hinged on two different heights for maximum flexibility in installation of non-modular equipment and control or signaling elements.
The counterdoors are equipped with quick-locking, reversible metal pins, with a comfortable ergonomic handle and a triangle lock supplied.
The installation of switches is realized through the modular frame complete with DIN rails, which is designed to be wired in workshop and subsequently inserted into the panel in place, to speed up the wiring and maintenance operations. Possibility to install switches with standard heights of 48, 75 and 102 mm.
The frame is completed by the choice of panels that allow the installation of a minimum of 36 modules up to a maximum of 140 modules. Blank panels with single and double module modules are also available, with which the combinations most suited to the distribution or automation system installed in the boards are realized.
Do not miss the support brackets galvanized or stainless steel and pole support.

QUBE system

# MAIN TECHNICAL FEATURES



Through galvanized or stainless steel brackets, bolted to the proper fixed inserts, with the maintainance of IP-protection degree and double insulation



The brackets can be put horizontally or vertically according to the needs. Through threaded rods M6 for the mounting on different supports (for instance pole support)



The door has an opening angle greater than 180° so that it remains against the wall and doesn't create any obstacle or danger



The door can be hinged with either left or right opening. In order to change the opening release the stainless steel pin spring



The back plates can be installed in the lowest part simply by fastening them to the fixed inserts through M6 screws



Back plates can be placed at different heights by the proper adjusting kit



The counter-doors are characterized by a rapid fixing through stainless steel spring pins , equipped with ergonomic handle and standard lock system with triangular key



The counter-doors are mounted on the bushings and the lock pins which must be set in their proper seats at the bottom of the board

# MAIN TECHNICAL FEATURES



The DIN rails, height 15 mm, are always supplied separately.
Distance between the DIN rails: 36 modules: 125 mm
54/72/96/140 modules: 150 mm



Mount the DIN rail and the support on the uprights at the desired height according to the installed devices, and fix everything by the proper screws



The modular frame can be composed with the number of guides required and positioned at different heights, easily wired in the workshop and later inserted into the board in place



It is also possible to install 25-40mm high slotted trunkings behind the frame to make the wiring easier



The frame is supported by the case and the installer can perform the wiring / maintenance with both hands freee



The final fixing of the complete frame is made with insulating screws: maximum speed and ease of installation and maintenance



Single/double blank panels.
Fixing of the panels through a 1/4 turn insulating screws



The frame installed in the highest position ensures the IP20 protection degree also with the open door

## POLYESTER BOARDS

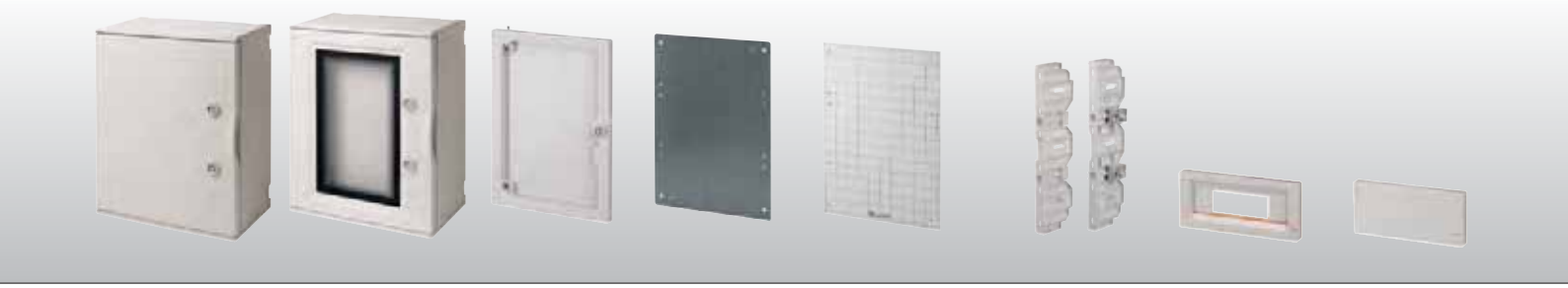
**MAIN TECHNICAL FEATURES:**

- Polyester thermosetting boards,self-extinguishing HB according to UL94 standard, Halogen Free, UV-resistant, high resistance to corrosion, pollution, and chemical.
- Blank or with window door, opening angle greater than 180°, UV-resistant.
- Resistance to mechanical shocks IK 10 (schocks up to a 20 J).
- Back plates are made up to metal or insulating material,removableframes with DIN rails.
- Counterdoor can beinstalledat two different heights, equipped with triangular key.
- One-Screw-System: only one type of screws is used for the different accessoires in order to permit a simple and easy assembly.
- Power loss and dimensions: page 385.

**IP65**

GREY RAL 7035

| |  |  |  |  |  |  |  |  | |
|---|---|---|---|---|---|---|---|---|---|
| **Dimensions mm WxHxD** Modules Distance mm | Polyester board blank door | Polyester board transparent window | Polyester Hinged counterdoor | Metal back plate (direct fixing on the bottom) | Insulating back plate (direct fixing on the bottom) | Pair of up rights | Cover module with window Without rai DIN) | Blank module cover | |
| PACKAGING | 1 piece | 1 piece | 1 piece | 1 piece | 1 piece | 1 pair | 1 piece | 1 piece | |
| I° 270x305x170 | **EC625001** | **EC625011** | --- | **EC625031** | **EC625041** | --- | --- | --- | |
| II° 325x430x185 36M (3x12) 125 mm | **EC625002** | **EC625012** | **EC625022** | **EC625032** | **EC625042** | **EC625072** | **EC625102** 12 Modules | **EC625112** | |
| III° 435x505x215 54M (3x18) 150 mm | **EC625003** | **EC625013** | **EC625023** | **EC625033** | **EC625043** | **EC625073** | **EC625103** 18 Modules | **EC625113** | |
| IV° 435x655x215 72M (4x18) 150 mm | **EC625004** | **EC625014** | **EC625024** | **EC625034** | **EC625044** | **EC625074** | **EC625103** 18 Modules | **EC625113** | |
| V° 545x655x265 96M (4x24) 150 mm | **EC625005** | **EC625015** | **EC625025** | **EC625035** | **EC625045** | **EC625074** | **EC625105** 24 Modules | **EC625115** | |
| VI° 620x810x320 140M (5x28) 150 mm | **EC625006** | **EC625016** | **EC625026** | **EC625036** | **EC625046** | **EC625076** | **EC625106** 28 Modules | **EC625116** | |



**EC625002 EC625012 EC625022 EC625032 EC625042 EC625072 EC625102 EC625112**

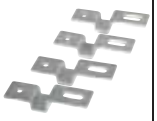
# SURFACE MOUNTING POLYESTER BOARDS

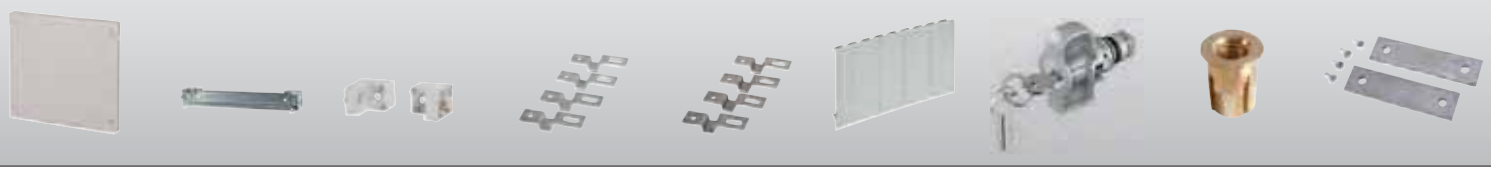
**MAIN TECHNICAL FEATURES:**

- Fixing center distance, overall dimensions, combinations of the various system accessories and distances between the various system elements, see page 381.
- The pair of uprights can be installed to fix the panels even without DIN rails.
- DIN rails must always be used with a pair of uprights.
- It is possible to install the bottom plates in the highest position, the uprights with the DIN rails and the counterdoors in the highest positions without panels.
- Depth adjustment of the counterdoors and bottom plates are independent and compatible.
- The keys are unified and open all locks.

**IP65**

GREY RAL 7035

| |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|
| | Double blank cover module | DIN rail with supports | Deep adjustement back plate kit | Set of 4 steel brackets galvanized | Set of 4 stainless steel brackets | Modular blank plate (4,5 modules) | Safety lock with 2 keys | Spare brass inserts kit (10 pieces) | Joint kit |
| | 1 piece | 1 piece | 1 piece | 1 kit | 1 kit | 25 pieces | 1 kit | 1 kit | 1 kit |
| | --- | --- | --- | **EC625SZ** | **EC625SI** | --- | **EC625SC** | --- | **EC625GI** |
| | **EC625122** | **EC625132** 12 Modules | **EC625REG** (2 kit x plate | **EC625SZ** | **EC625SI** | **EC600TC** | **EC625SC** | **EC625IO** | **EC625GI** |
| | **EC625123** | **EC625133** 18 Modules | **EC625REG** (2 kit x plate) | **EC625SZ** | **EC625SI** | **EC600TC** | **EC625SC** | **EC625IO** | **EC625GI** |
| | **EC625123** | **EC625133** 18 Modules | **EC625REG** (3 kit x plate) | **EC625SZ** | **EC625SI** | **EC600TC** | **EC625SC** | **EC625IO** | **EC625GI** |
| | **EC625125** | **EC625135** 24 Modules | **EC625REG** (3 kit x plate) | **EC625SZ** | **EC625SI** | **EC600TC** | **EC625SC** | **EC625IO** | **EC625GI** |
| | **EC625126** | **EC625136** 28 Modules | **EC625REG** (4 kit x plate) | **EC625SZ** | **EC625SI** | **EC600TC** | **EC625SC** | **EC625IO** | **EC625GI** |



**EC625122** **EC625132** **EC6250REG** **EC625SZ** **EC6250SI** **EC600TC** **EC625SC** **EC625IO** **EC625GI**

## SPARE DOORS AND ACCESSORIES

**MAIN TECHNICAL FEATURES:**

- Polyester thermosetting boards, self-extinguishing HB according to UL94 standard, Halogen Free, UV-resistant, high resistance to corrosion, pollution, and chemical.
- Blank or with window door, opening angle greater than 180°, UV-resistant.
- Resistance to mechanical shocks IK 10 (schocks up to a 20 J).
- Back plates are made up to metal or insulating material, removable frames with DIN rails.
- Pole support kit in galvanized steel and adjustable stainless steel band (length 1 mt), max load 100 Kg.
- One-Screw-System: only one type of screws is used for the different accessoires in order to permit a simple and easy assembly.

**IP65**

GREY RAL 7035

| |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|
| **Dimensions mm WxHxD** Modules Distance mm | Polyester board blank door | Polyester board transparent window | Blank spare door | Transparent spare door | Triangular spare key | Pole support (ø max 25 cm) | DIN rail adapter for 2 «MyLIFE» devices |
| PACKAGING | 1 piece | 1 piece | 1 piece | 1 piece | 10 pieces | 1 piece | 40 pieces |
| I° 270x305x170 | **EC625001** | **EC625011** | **EC625001R** | **EC625011R** | **EC625ST** | **EC625SP1** | --- |
| II° 325x430x185 36M (3x12) 125 mm | **EC625002** | **EC625012** | **EC625002R** | **EC625012R** | **EC625ST** | **EC625SP1** | **ECL4608** |
| III° 435x505x215 54M (3x18) 150 mm | **EC625003** | **EC625013** | **EC625003R** | **EC625013R** | **EC625ST** | **EC625SP3** | **ECL4608** |
| IV° 435x655x215 72M (4x18) 150 mm | **EC625004** | **EC625014** | **EC625004R** | **EC625014R** | **EC625ST** | **EC625SP3** | **ECL4608** |
| V° 545x655x265 96M (4x24) 150 mm | **EC625005** | **EC625015** | **EC625005R** | **EC625015R** | **EC625ST** | **EC625SP5** | **ECL4608** |
| VI° 620x810x320 140M (5x28) 150 mm | **EC625006** | **EC625016** | **EC625006R** | **EC625016R** | **EC625ST** | **EC625SP5** | **ECL4608** |



**EC625002R**



**EC625012R**



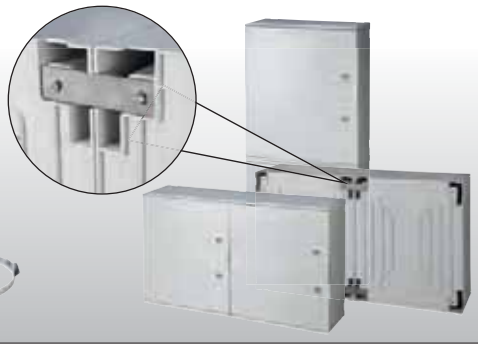
**ECL4608**



**EC625ST**



**EC625SP3**



To get boards larger than 620x810 mm, you can put two or more boards with the same base or height together by using the joining kit EC625GI and the connecting devices series EC52121/29/36 .

QUBE system

# SURFACE MOUNTING POLYESTER BOARDS



QUBE system

# MODULAR DISTRIBUTION ENCLOSURES



# 2

## MAIN TECHNICAL FEATURES

Material: shock resistant halogen free UV-resistant technopolymer on ABS base.
Standard colours: Grey RAL 7035, White RAL 9001, Black.
Shock resistance : IK 08 (up to 6 J).
Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard): up to 650° C.
Installation temperature for wall mounting enclosures: min. -5° C, max +60° C.
Installation temperature for flush mounting enclosures: min. -15° C, max +60° C.
Operating temperature range: min. -25° C, max +70° C.
Complete with screw caps to gain double insulation. ⧈
Door can be open at 180° and removed, reversible and symmetric front.
Suitable for 48-75 mm high modules and brass terminal blocks.
Included: galvanized steel DIN rail EN 50022 already assembled, blank plastic plate for unused modules, self-adhesive circuit label.
Reference Standards:EN 60670-1, EN 60670-24.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



IP40 Wall mounting modular enclosures
Series 600
page 248



IP40 Wall mounting modular enclosures white RAL 9001
Series 600
page 249



IP40 Wall mounting modular enclosures without door
Series 610
page 251



IP40 Wall mounting modular enclosures without door
Series 610
page 252



IP65 Wall mounting watertight modular enclosures
Series 620
page 258



IP65/IP55 emergency modular enclosures
Series 64
page 260



IP40 flush mounting modular enclosures
Series 630
page 266



IP40 flush mounting modular enclosures white RAL 9001
Series 630
page 267



IP40 flush mounting modular enclosures – solid door - white RAL 9001
Series 630
page 268



IP40 flush mounting modular enclosures black RAL 7021
Series 630
page 269

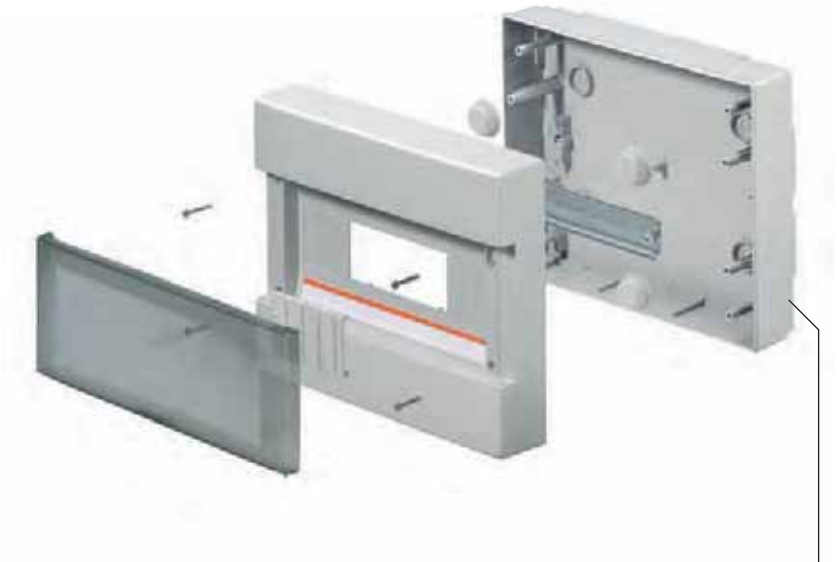


IP40 Dry lining modular enclosures white RAL 9001
Series 635
page 270

# MAIN TECHNICAL FEATURES

Possibility to mount 48-75 mm high modules

Modular blank plate and screw caps to gain double insulation



Reversible removable transparent door, as well as the front

Suitable for cover sealing by proper screws

Kits of brass terminals specific for every model, easy to install

Wall fixing bracket plastic to keep IP-protection and double insulation



Cable inlet through IP55 plastic stepped glands, IP44/IP66 conduit fittings and IP68 cable glands

Self-adhesive circuit labels

Our modular enclosures form a wide range perfectly complying with the protection and control needs of the modern distribution electrical systems.
The enclosures can be installed very easily and quickly thanks to the accessories supplied with the box or available as fittings.
Perfectly symmetric enclosure base: there isn't any top or bottom to pay attention to during the installation.

The top, the bottom and the sides are fully plain, without any pre-cuttings. That is a clear advantage because the stepped glands, the conduit fittings and the cable glands, used to join the enclosure, can be placed in any position, making the installation quicker.
The high mechanical strength protects the wiring devices and equipments in the outdoor installations, in industrial and domestic applications.

The modular enclosures with the door are available in 2 different colours: grey RAL 7035 and white RAL 9001. These are the same colours as the trunkings, so that it is possible to carry out complete distribution electrical systems with all the components in the same colour.
The modular enclosure with or without the door are the ideal solution for the different distribution areas in offices and houses.

# MAIN TECHNICAL FEATURES

The wall mounting modular enclosure s are characterized by a special device to hide the fixing screws

The enclosure cover can be locked and unlocked by a simple rotation

EC-brand name and the item code are moulded in the bottom in the same colour as the enclosure



The screw seats to fix the cover to the bottom are hidden by a side frame

The modular enclosures is fully symmetric, has a harmonious outlook and perfectly fit in with any environment

Every modular enclosure is suitable for housing the brass terminal blocks

Eletttrocanali modular enclosures have an undoubted advantage: they combine a big inner volume with limited outer dimensions, and a simple linear design fitting in with any environment.
The enclosure base is deep enough to grant the conduit inlet up to 40mm diameter by different joints; at the same time it permits the installer to carry out the cabling works without any difficulty, because the columns for the fixing of the cover and the brass terminal holders are placed along the sides.
The cover is symmetric, the door can therefore be hinged either on the right or on the left, with an opening radius bigger than 180°C.
The wall mounting enclosures are equipped with screw head caps to gain double insulation, so that they are suitable for an installation with complete insulation according to the Standard EN 60670-1/24.

# mounting examples





## WALL MOUNTING ENCLOSURES **SERIES 600**

**MAIN TECHNICAL FEATURES:**

- Reversible door made of smoky grey polycarbonate.
- Enclosure suitable for housing of the terminal blocks.
- Enclosure suitable for cover sealing.
- Galvanized steel DIN rail EN 50022 already assembled.
- Blank plastic plate for unused modules.
- Self-adhesive label for circuit identification.
- Screw caps to gain double insulation.

**IP40**

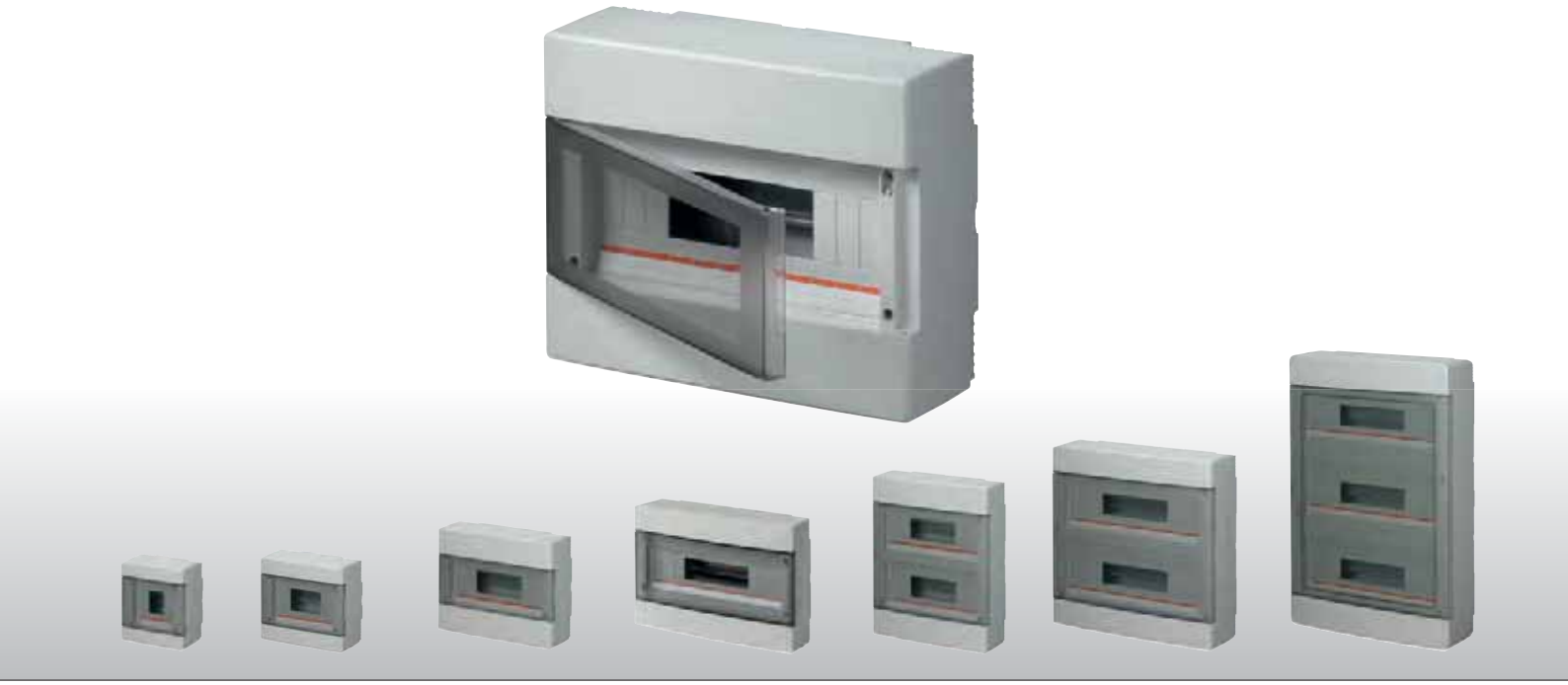
GREY RAL 7035

## Wall mounting enclosures

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC60004** | 150x170x100 | 4 | 11 | 1/22 |
| **EC60008** | 200x180x100 | 8 | 14 | 1/15 |
| **EC60012** | 280x220x100 | 12 | 21 | 1/8 |
| **EC60018** | 400x265x130 | 18 | 30 | -/1 |
| **EC60024** | 280x350x100 | 24 (2x12) | 30 | -/1 |
| **EC60036** | 400x400x130 | 36 (2x18) | 47 | -/1 |
| **EC60054** | 400x600x130 | 54 (3x18) | 72 | -/1 |

## Wall mounting enclosures with brass terminal blocks 6x10

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC60004E** | 150x170x100 | 4 | 1 | 1x4 | 11 | 1/22 |
| **EC60008E** | 200x180x100 | 8 | 1 | 1x8 | 14 | 1/15 |
| **EC60012E** | 280x220x100 | 12 | 1 | 1x12 | 21 | 1/8 |
| **EC60018E** | 400x265x130 | 18 | 1 | 1x12 | 30 | -/1 |
| **EC60024E** | 280x350x100 | 24 (2x12) | 1 | 2x12 | 30 | -/1 |
| **EC60036E** | 400x400x130 | 36 (2x18) | 2 | 3x12 | 47 | -/1 |
| **EC60054E** | 400x600x130 | 54 (3x18) | 2 | 4x12 | 72 | -/1 |



**EC60004** **EC60008** **EC60012** **EC60018** **EC60024** **EC60036** **EC60054**

# WALL MOUNTING ENCLOSURES **SERIES 600**

**MAIN TECHNICAL FEATURES:**

- Reversible door made of smoky grey polycarbonate.
- Enclosure suitable for housing of the terminal blocks.
- Enclosure suitable for cover sealing.
- Galvanized steel DIN rail EN 50022 already assembled.
- Blank plastic plate for unused modules.
- Self-adhesive label for circuit identification.
- Screw caps to gain double insulation.

CE

**IP40**

WHITE RAL 9001

## Wall mounting enclosures

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC60004B** | 150x170x100 | 4 | 11 | 1/22 |
| **EC60008B** | 200x180x100 | 8 | 14 | 1/15 |
| **EC60012B** | 280x220x100 | 12 | 21 | 1/8 |
| **EC60018B** | 400x265x130 | 18 | 30 | -/1 |
| **EC60024B** | 280x350x100 | 24 (2x12) | 30 | -/1 |
| **EC60036B** | 400x400x130 | 36 (2x18) | 47 | -/1 |
| **EC60054B** | 400x600x130 | 54 (3x18) | 72 | -/1 |
| **EC60072B** | 420x885x150 | 72 (4x18) | 85 | -/1 |

## Wall mounting enclosures with brass terminal blocks 6x10

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC60004BE** | 150x170x100 | 4 | 1 | 1x4 | 11 | 1/22 |
| **EC60008BE** | 200x180x100 | 8 | 1 | 1x8 | 14 | 1/15 |
| **EC60012BE** | 280x220x100 | 12 | 1 | 1x12 | 21 | 1/8 |
| **EC60018BE** | 400x265x130 | 18 | 1 | 1x12 | 30 | -/1 |
| **EC60024BE** | 280x350x100 | 24 (2x12) | 1 | 2x12 | 30 | -/1 |
| **EC60036BE** | 400x400x130 | 36 (2x18) | 2 | 3x12 | 47 | -/1 |
| **EC60054BE** | 400x600x130 | 54 (3x18) | 2 | 4x12 | 72 | -/1 |
| **EC60072BE** | 420x885x150 | 72 (4x18) | 2 | 4x12 | 85 | -/1 |



**EC60004B** **EC60008B** **EC60012B** **EC60018B** **EC60024B** **EC60036B** **EC60054B** **EC60072B**

# INSTALLATION KIT FOR WALL MOUNTING ENCLOSURES **SERIES 600**

**MAIN TECHNICAL FEATURES:**

- Installation kit for enclosures series 600.• Plastic support, brass terminal block and relevant fixing screws included.
- Quantities per packaging are the same as the enclosures, for an easy management of the accessories.
- Resistance to abnormal heat (Glow Wire Test IEC 60695-2-11 standard)-): up to 960° C.• Series 890: made in self-extinguishing PA6.6.

## Installation kit for wall mounting modular enclosures

| ITEM | FOR ENCLOSURES | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | PACKAGING PIECES |
|---|---|---|---|---|
| **EC6004EQ** | 4 modules | 1 | 1x4 | 1/22 |
| **EC6008EQ** | 8 modules | 1 | 1x8 | 1/15 |
| **EC6012EQ** | 12-18 modules | 1 | 1x12 | 1/8 |
| **EC6024EQ** | 24 modules | 1 | 2x12 | 1/5 |
| **EC6036EQ** | 36 modules | 2 | 3x12 | 1/4 |
| **EC6054EQ** | 54-72 modules | 2 | 4x12 | -/1 |

## Insulated brass terminal blocks to be set on DIN RAIL EN 50022

| ITEM | HOLES AND SECTION mm² | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC890050** | Section 1x35 - 6x16 | | 10/340 |
| **EC890051** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890052** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890053** | Section 1x35 - 6x16 | | 10/340 |
| **EC890054** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890055** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890056** | Section 1x35 - 6x16 | | 10/340 |
| **EC890057** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890058** | Section 1x35 - 2x25 - 12x16 | | 10/240 |

## Watertight joints for connection between enclosures and boards

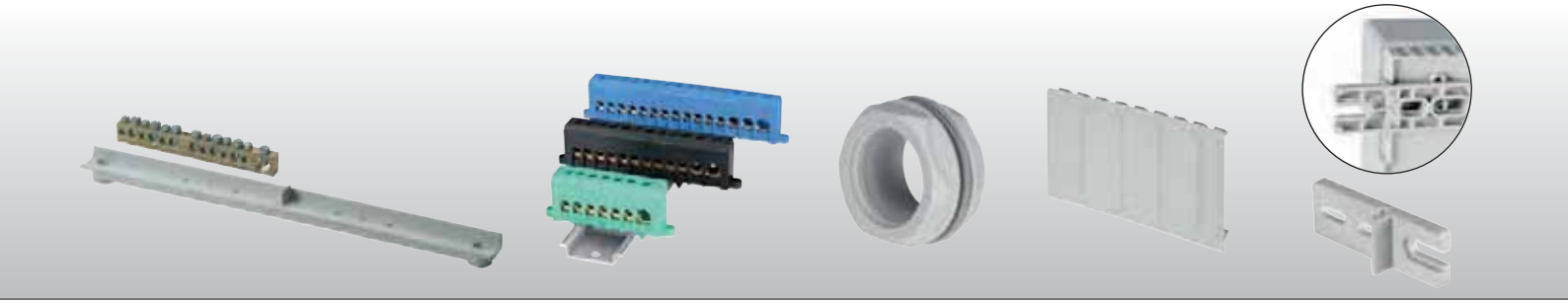
| ITEM | TYPE | INTERNAL Ø mm | HOLE Ø mm | FERRULE Ø mm | LENGTH mm | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC52121** | PG21 | 21,6 | 29 | 38 | 23 | 10/50 |
| **EC52129** | PG29 | 27,7 | 37,5 | 44,2 | 23 | 10/50 |
| **EC52136** | PG36 | 34,9 | 47,5 | 52,6 | 24,5 | 10/50 |

## Blank plates for 4,5 module enclosures and boards – divisible by 0,5 modules

| ITEM | DIMENSIONS mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC600TC** | 4,5 modules DIN EN 50022 - 52x82 | GREY RAL 7035 | 25 |
| **EC600TCB** | 4,5 modules DIN EN 50022 - 52x82 | WHITE RAL 9001 | 25 |

## Wall fixing bracket plastic to keep IP-protection and double insulation

| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC600SF** | For enclosures 600 from 4 up to 72 modules | 20x13x59 | 50 |



**EC6012EQ** **EC890** **EC52129** **EC600TC** **EC600SF**

# WALL MOUNTING MODULAR ENCLOSURES WITHOUT DOOR **SERIES 610**

**MAIN TECHNICAL FEATURES:**

- Pre-cuttings for conduit inlet or cable glands.
- Galvanized steel DIN rail EN 50022.

**IP40**

GREY RAL 7035

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC61002** | 50x130x85 | 2 | 5 | 50 |
| **EC61003** | 90x130x85 | 4 | 6 | 25 |



**EC61002**



**EC61003**

## WALL MOUNTING MODULAR ENCLOSURES WITHOUT DOOR **SERIES 610**

**MAIN TECHNICAL FEATURES:**

- Enclosure suitable for housing of the terminal blocks.
- Enclosure suitable for cover sealing.
- Galvanized steel DIN rail EN 50022 already assembled.
- Blank plastic plate for unused modules.
- Self-adhesive label for circuit identification.
- Screw caps to gain double insulation.

**IP40**

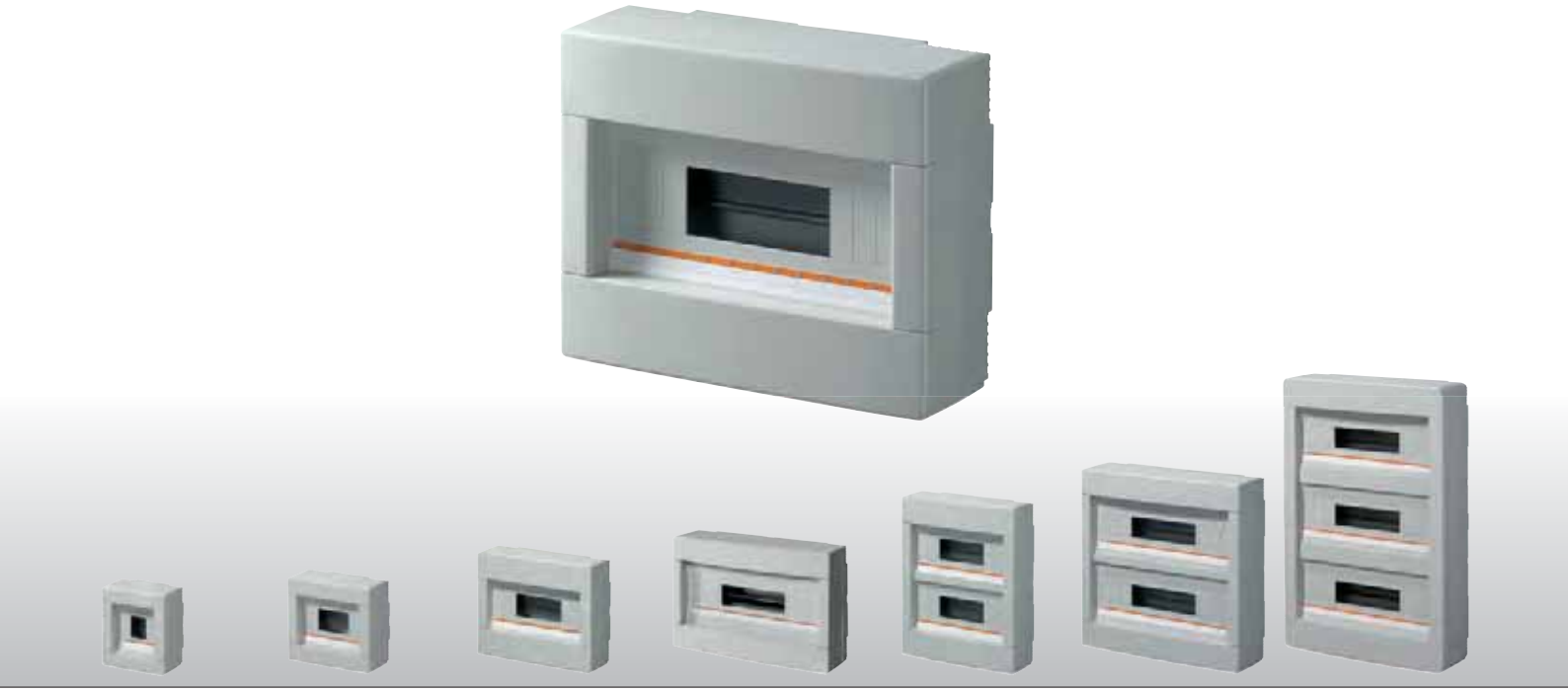
GREY RAL 7035

## Wall mounting modular enclosures without door

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC61004** | 150x170x100 | 4 | 11 | 1/22 |
| **EC61008** | 200x180x100 | 8 | 15 | 1/15 |
| **EC61012** | 280x220x100 | 12 | 23 | 1/8 |
| **EC61018** | 400x265x130 | 18 | 34 | -/1 |
| **EC61024** | 280x350x100 | 24 (2x12) | 34 | -/1 |
| **EC61036** | 400x400x130 | 36 (2x18) | 58 | -/1 |
| **EC61054** | 400x600x130 | 54 (3x18) | 79 | -/1 |

## Wall mounting modular enclosures without door - with brass terminal blocks 6x10

| ARTICOLO | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC61004E** | 150x170x100 | 4 | 1 | 1x4 | 11 | 1/22 |
| **EC61008E** | 200x180x100 | 8 | 1 | 1x8 | 15 | 1/15 |
| **EC61012E** | 280x220x100 | 12 | 1 | 1x12 | 23 | 1/8 |
| **EC61018E** | 400x265x130 | 18 | 1 | 1x12 | 34 | -/1 |
| **EC61024E** | 280x350x100 | 24 (2x12) | 1 | 2x12 | 34 | -/1 |
| **EC61036E** | 400x400x130 | 36 (2x18) | 2 | 3x12 | 58 | -/1 |
| **EC61054E** | 400x600x130 | 54 (3x18) | 2 | 4x12 | 79 | -/1 |



**EC61004** **EC61008** **EC61012** **EC61018** **EC61024** **EC61036** **EC61054**

# INSTALLATION KIT FOR WALL MOUNTING ENCLOSURES **SERIES 610**

**MAIN TECHNICAL FEATURES:**

- Installation kit for enclosures series 610. • Plastic support, brass terminal block and relevant fixing screws included.
- Quantities per packaging are the same as the enclosures, for an easy management of the accessories.
- Resistance to abnormal heat (Glow Wire Test IEC 60695-2-11 standard)-): up to 960° C. • Series 890: made in self-extinguishing PA6.6.

## Installation kit for wall mounting modular enclosures

| ITEM | FOR ENCLOSURES | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | PACKAGING PIECES |
|---|---|---|---|---|
| **EC6004EQ** | 4 modules | 1 | 1x4 | 1/22 |
| **EC6008EQ** | 8 modules | 1 | 1x8 | 1/15 |
| **EC6012EQ** | 12-18 modules | 1 | 1x12 | 1/8 |
| **EC6024EQ** | 24 modules | 1 | 2x12 | 1/5 |
| **EC6036EQ** | 36 modules | 2 | 3x12 | 1/4 |
| **EC6054EQ** | 54 modules | 2 | 4x12 | -/1 |

## Insulated brass terminal blocks to be set on DIN RAIL EN 50022

| ITEM | HOLES AND SECTION mm² | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC890050** | Section 1x35 - 6x16 | | 10/340 |
| **EC890051** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890052** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890053** | Section 1x35 - 6x16 | | 10/340 |
| **EC890054** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890055** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890056** | Section 1x35 - 6x16 | | 10/340 |
| **EC890057** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890058** | Section 1x35 - 2x25 - 12x16 | | 10/240 |

## Watertight joints for connection between enclosures and boards

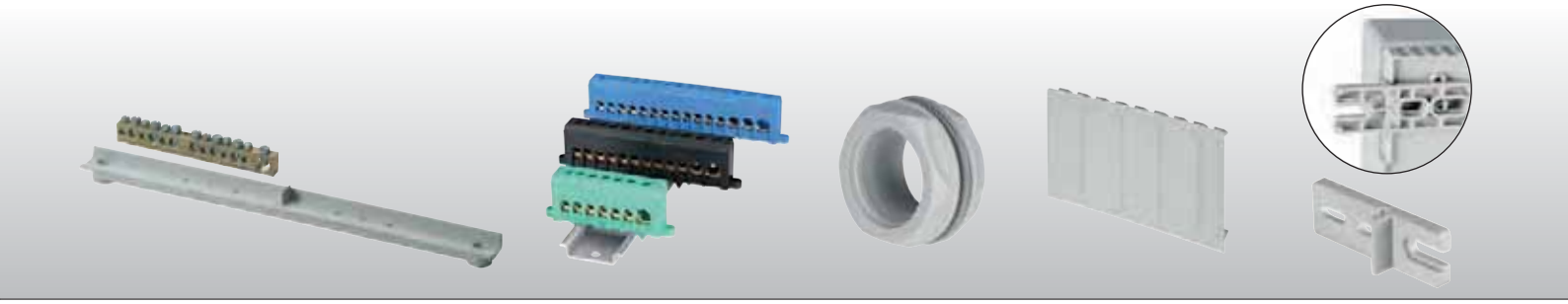
| ITEM | TYPE | INTERNAL Ø mm | HOLE Ø mm | FERRULE Ø mm | LENGTH mm | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC52121** | PG21 | 21,6 | 29 | 38 | 23 | 10/50 |
| **EC52129** | PG29 | 27,7 | 37,5 | 44,2 | 23 | 10/50 |
| **EC52136** | PG36 | 34,9 | 47,5 | 52,6 | 24,5 | 10/50 |

## Blank plates for 4,5 module enclosures and boards – divisible by 0,5 modules

| ITEM | DIMENSIONS mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC600TC** | 4,5 modules DIN EN 50022 - 52x82 | GREY RAL 7035 | 25 |

## Wall fixing bracket plastic to keep IP-protection and double insulation

| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC600SF** | For enclosures 610 from 4 up to 54 modules | 20x13x59 | 50 |



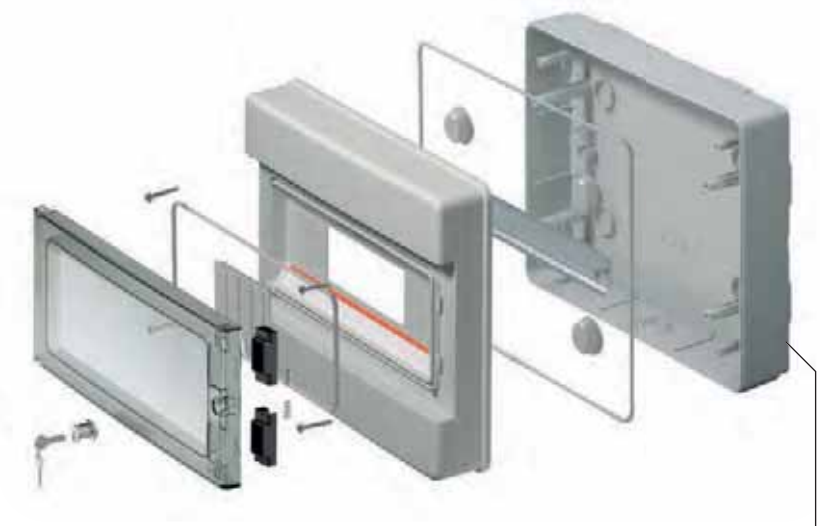
**EC6012EQ** **EC890** **EC52129** **EC600TC** **EC600SF**

# MAIN TECHNICAL FEATURES

Possibility to mount 45-78 mm high modules

New door closing

Modular blank plate and screw caps to gain double insulation



Reversible front

Suitable for cover sealing by proper screws (4-54 modules)

Possibility to install the safety lock on all models

Internal pre-cuttings for conduit joints inside the enclosures

Kits of brass terminals specific for every model, easy to install

Wall fixing bracket plastic to keep IP-protection and double insulation



Cable inlet through IP55 plastic stepped glands, IP44/IP66 conduit fittings and IP68 cable glands.

Self-adhesive circuit labels

The family of sealed modular enclosures series 620 with protection degree IP65 perfectly meets the protection and control needs of the modern distribution electrical systems in different environments, especially if wet or exposed to inclemency of the weather, to dust and pollution. In short they are suitable for any outdoor installation.
The high-quality halogen free technopolymer technopolymer assures a great resistance to aging caused by the atmospheric agents and UV-rays.
Thanks to the perfectly symmetric bottom and front the door can be reversed and opened at 180°.
All watertight enclosures of 620 series are designed to be equipped with a coded safety lock, available as an accessory, to lock the doors to prevent incorrect operations.
The cover fixing screws are made up of high-resistant stainless steel and, once inserted in their seats, they can't fall off.
The pre-cuttings for the cable inlet are placed inside the modular enclosure, so that the outer side is completely smooth, which permits to join the enclosures side by side and, moreover, to put the stepped glands, the conduit fittings and the cable glands, used to connect the enclosure, in any position.

# MAIN TECHNICAL FEATURES

EC-brand name and the item code are moulded in the bottom in the same colour as the enclosure

The 2 doors of the 72-module enclosure allow to operate directly on the equipments to set in action

Possibility to install the safety lock

The top, the bottom and the sides are fully plain, without any pre-cuttings. That permits to join several enclosures side by side



New door closing

The asymmetric modular windows of the 72-module enclosure allow to modify the distance between the DIN rails

Suitable for the sealing of the single 18-module windows

The 72-module enclosures have 18-module modular windows, which can be replaced by closed windows to carry our connecting brass terminals or small automations

The series of sealed modular enclosures has combined the need to gain a big inner volume, necessary to correctly dissipate the power generated by the installed equipments and to rightly manage the cabling, with a linear functional outlook fitting in with any environment.
The 72-module sealed enclosure has 18-module asymmetric modular windows, permitting to modify the distance between the DIN rails, simply by turning the windows upside down and adjusting the distance on 3 different positions: 150-175-200mm.
In the same way it is possible to fix t he DIN rails on the bottom in different places which must however correspond to the ones chosen for the cover or vice versa.
The bottom back of the 72-module enclosure is suitable for the back plate EC450P8 (285x205).
For the inlet of pliable, rigid and flexible spiral conduits we recommend using our fitting systems with IP65 or IP67 protection degree.
The wall mounting enclosures are equipped with screw head caps to gain double insulation, so that they are suitable for an installation with complete insulation according to the Standard EN 60670-24.

# mounting examples



# MODULAR DISTRIBUTION ENCLOSURES



## WALL MOUNTING WATERTIGHT MODULAR ENCLOSURES **SERIES 620**

**MAIN TECHNICAL FEATURES:**

- Door made up of smoky grey polycarbonate.
- Enclosure suitable for housing of the terminal blocks.
- Internal pre-cuttings for conduit inlet or cable glands.
- Galvanized steel DIN 50022 rail already assembled.
- Blank plastic plate for unused modules.
- Self-adhesive label for circuit identification.
- Screw caps to gain double insulation.

**IP65**

GREY RAL 7035

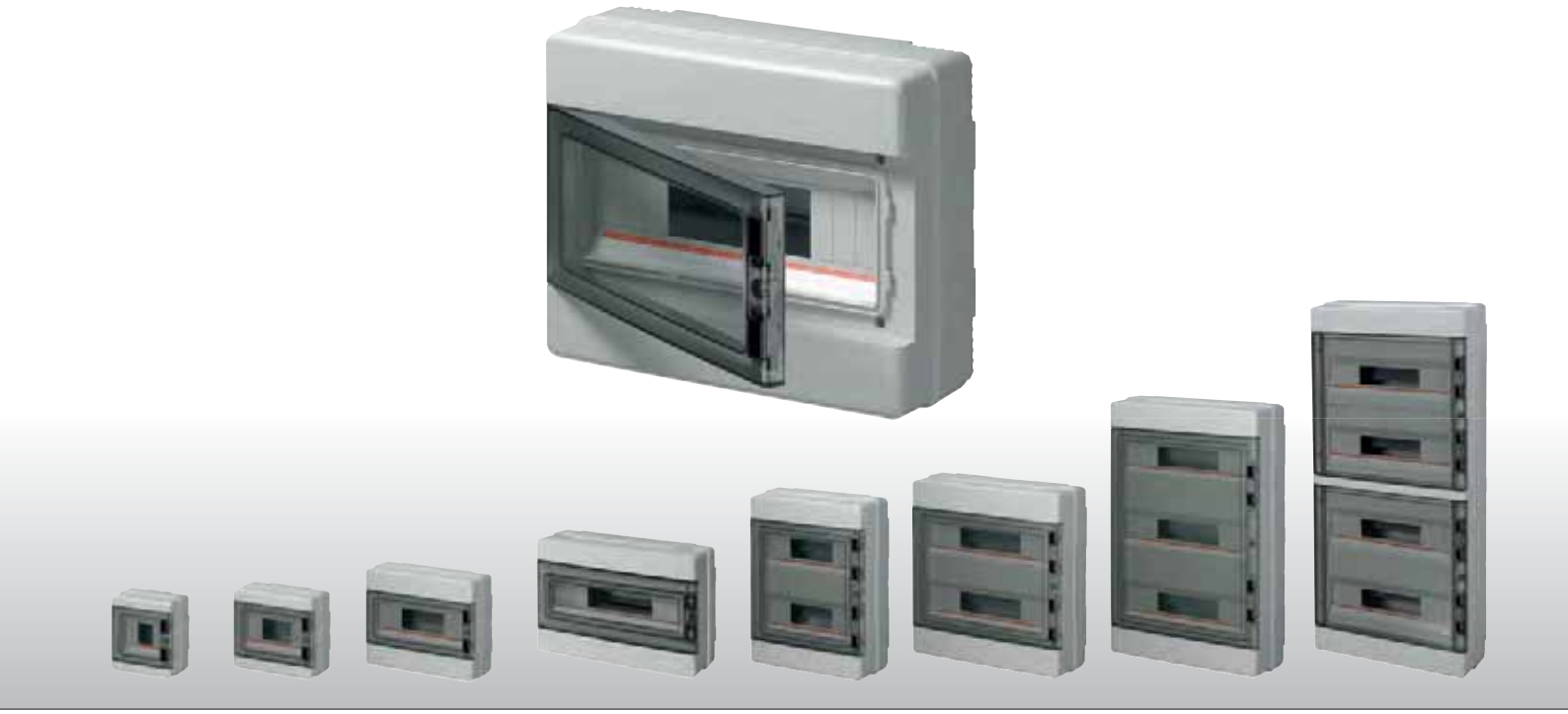
## Wall mounting watertight modular enclosures

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC62004** | 150x170x100 | 4 | 10 | 1/22 |
| **EC62008** | 200x180x100 | 8 | 13 | 1/14 |
| **EC62012** | 280x220x100 | 12 | 19 | 1/8 |
| **EC62018** | 400x265x140 | 18 | 25 | -/1 |
| **EC62024*** | 290x390x140 | 24 (2x12) | 28 | -/1 |
| **EC62036*** | 400x400x140 | 36 (2x18) | 43 | -/1 |
| **EC62054*** | 400x600x140 | 54 (3x18) | 64 | -/1 |
| **EC62072*** | 420x885x150 | 72 (4x18) | 85 | -/1 |

## Wall mounting watertight modular enclosures - with brass terminal blocks 6x10

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC62004E** | 150x170x100 | 4 | 1 | 1x4 | 10 | 1/22 |
| **EC62008E** | 200x180x100 | 8 | 1 | 1x8 | 13 | 1/14 |
| **EC62012E** | 280x220x100 | 12 | 1 | 1x12 | 19 | 1/8 |
| **EC62018E** | 400x265x140 | 18 | 1 | 1x12 | 25 | -/1 |
| **EC62024E*** | 290x390x140 | 24 (2x12) | 1 | 2x12 | 28 | -/1 |
| **EC62036E*** | 400x400x140 | 36 (2x18) | 2 | 3x12 | 43 | -/1 |
| **EC62054E*** | 400x600x140 | 54 (3x18) | 2 | 4x12 | 64 | -/1 |
| **EC62072E*** | 420x885x150 | 72 (4x18) | 2 | 4x12 | 85 | -/1 |

*** Door with double closure**



**EC62004** **EC62008** **EC62012** **EC62018** **EC62024** **EC62036** **EC62054** **EC62072**

# INSTALLATION KIT FOR WATERTIGHT MODULAR ENCLOSURES **SERIES 620**

**MAIN TECHNICAL FEATURES:**

- Installation kit for enclosures series 620. • Plastic support, brass terminal block and relevant fixing screws included.
- Quantities per packaging are the same as the enclosures, for an easy management of the accessories.
- Resistance to abnormal heat (Glow Wire Test IEC 60695-2-11 standard)-): up to 960° C. • Series 890: made in self-extinguishing PA6.6.

## Installation kit for watertight modular enclosures

| ITEM | FOR ENCLOSURES | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | PACKAGING PIECES |
|---|---|---|---|---|
| **EC6204EQ** | 4 modules | 1 | 1x4 | 1/22 |
| **EC6208EQ** | 8 modules | 1 | 1x8 | 1/14 |
| **EC6212EQ** | 12-18 modules | 1 | 1x12 | 1/8 |
| **EC6224EQ** | 24 modules | 1 | 2x12 | 1/4 |
| **EC6236EQ** | 36 modules | 2 | 3x12 | 1/4 |
| **EC6254EQ** | 54/72 modules | 2 | 4x12 | -/1 |

## Blank plate for 72-module enclosure

| | | |
|---|---|---|
| **EC67018** | Blank plate for 18-module window of the 72-module enclosure | 1/10 |

## Insulated brass terminal blocks to be set on DIN RAIL EN 50022

| ITEM | HOLE AND SECTION mm² | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC890050** | Section 1x35 - 6x16 | | 10/340 |
| **EC890051** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890052** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890053** | Section 1x35 - 6x16 | | 10/340 |
| **EC890054** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890055** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890056** | Section 1x35 - 6x16 | | 10/340 |
| **EC890057** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890058** | Section 1x35 - 2x25 - 12x16 | | 10/240 |

## Watertight joints for connection between enclosures and boards

| ITEM | TYPE | INTERNAL Ø mm | HOLE Ø mm | FERRULE Ø mm | LENGTH mm | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC52121** | PG21 | 21,6 | 29 | 38 | 23 | 10/50 |
| **EC52129** | PG29 | 27,7 | 37,5 | 44,2 | 23 | 10/50 |
| **EC52136** | PG36 | 34,9 | 47,5 | 52,6 | 24,5 | 10/50 |

## Blank plates for 4,5 module enclosures and boards – divisible by 0,5 modules

| ITEM | DIMENSIONS mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC600TC** | 4,5 modules DIN EN 50022 - 52x82 | GREY RAL 7035 | 25 |

## Wall fixing bracket plastic to keep IP-protection and double insulation

| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC600SF** | For enclosures 620 from 4 up to 54 modules | 20x13x59 | 50 |

## Safety lock

| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC600SC** | **For all enclosures series 620, 640, 641 from 4 up to 72 modules** - Lock and 2 keys | Ø 13 x 17,5 | 1/10 |



**EC6212EQ** **EC67018** **EC890** **EC52129** **EC600TC** **EC600SF** **EC600SC**

## WALL MOUNTING WATERTIGHT EMERGENCY MODULAR ENCLOSURES **SERIES 64**

**MAIN TECHNICAL FEATURES:**

- Safety key for door closing.
- Breakable safety glass.
- Galvamized steel DIN rail EN 50022 already assembled in the bottom.
- Self-adhesive label for circuit identification.
- Screw caps to gain double insulation.
- Available colours : Grey RAL 7035 and red RAL 3000.

CE

GREY RAL 7035

RED RAL 3000

**IP65**

## Wall mounting watertight emergency modular enclosures

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | COLOUR | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC64004** | 150x170x100 | RED | 4 | 10 | 1/22 |
| **EC64008** | 200x180x100 | RED | 8 | 12 | 1/14 |
| **EC64104** | 150x170x100 | GREY | 4 | 10 | 1/22 |
| **EC64108** | 200x180x100 | GREY | 8 | 12 | 1/14 |

## Hammer with safety chain – Spare glasses

| ITEM | DESCRIPTION | FOR ITEM | PACKAGING PIECES |
|---|---|---|---|
| **EC64400** | Galvanized steel glass hammer with safety chain | EC64004/EC64104/EC64008 EC64108 | 1 |
| **EC64401** | Spare glass 4 module enclosure | EC64004/EC64104 | 10 |
| **EC64402** | Spare glass 8 module enclosure | EC64008/EC64108 | 10 |

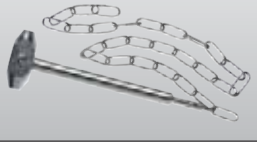
## Blank plates for 4,5 module enclosures and boards – divisible by 0,5 modules

| ITEM | DIMENSIONS mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC600TCR** | 4,5 modules DIN EN 50022 - 52x82 | RED RAL 3000 | 25 |













**EC64004** **EC64008** **EC64400** **EC64104** **EC64108**

# BREAKING GLASS EMERGENCY PANEL **SERIES 64**

**MAIN TECHNICAL FEATURES:**

- Board with breakable glass for emergency, flush mounting or wall mounting on a 3 module box.
- Suitable for two different settings: automatic (at glass breaking ) or manual (after glass breaking).
- Contacts included: 1NO+1NC - 10A - 250V~. • Lid with snap-on fixing without screws, functional sealable frame with supplied screws.
- Location Indicator: possibility to use LED modules (not included) or lamps (not included).
- Integrity indicator (rest condition): possibility to use lamps (not included).
- Shock resistance : IK 08 (up to 5 J). Screw caps to gain double insulation.

**IP55**

CE

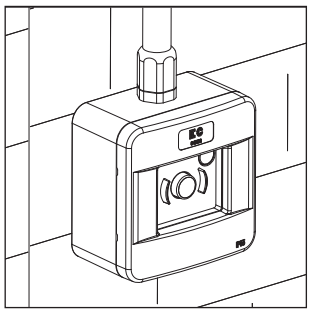
RED RAL 3000

## Breaking glass emergency panel

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | CONTACT NUMBERS | PACKAGING PIECES |
|---|---|---|---|
| **EC64202** | 118x118x67 | 1NO + 1NC (10A-250V~) | 1 |

## Accessories - spare glass - lamps

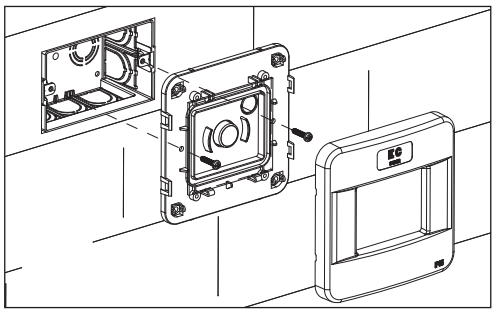
| ITEM | DESCRIPTION | PACKAGING PIECES |
|---|---|---|
| **EC64400** | Galvanized steel glass hammer with safety chain | 1 |
| **EC64403** | Spare glass dim. 78x76x1,85 mm | 10 |
| **EC64410** | Spare contact NC red | 10 |
| **EC64411** | Spare contact NO green | 10 |
| **EC64420** | Lamp holder with LED - AC/DC 12V - white light | 10 |
| **EC64421** | Lamp holder withLED - AC/DC 24V- white light | 10 |
| **EC64422** | Lamp holder with LED - AC/DC 48V- white light | 10 |
| **EC64423** | Lamp holder with LED - AC/DC 110V- white light | 10 |
| **EC64424** | Lamp holder with LED - AC 220V- white light | 10 |
| **ECL4000LN** | Lamp holder NEON AC 220V - blue light | 10 |
| **ECL4000LD** | Lamp holder LED AC 220V - blue light | 10 |



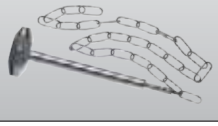
Wall installation



**EC64202**



Flush mounting on 83,5 mm centre hole device box



**EC64400**



**EC64410**



**EC64411**



**EC64420**



**ECL4000LN**



**ECL4000LD**

# MAIN TECHNICAL FEATURES

Possibility to mount 48-75 mm high modules

The transparent door is removable, and the front is reversible

Kits of brass terminals specific for every model, easy to install



Strong enclosure structure with stiffening outer ring

Cover for unused modules included

Cable inlet by corrugated conduits up to 40mm

The supports of the DIN-rails permit to compensate for the variable thickness of the plaster in order to align the devices at the correct depth

Self-adhesive circuit labels

The range of flush mounting modular enclosures is wide and complete: it comprises enclosures from 4 up to 72 modules available in different colours, such as grey, black, white with transparent smoky grey and white with solid door. They are suitable both for the industrial applications and for the domestic and public environments, in which the domotics plays a very important role nowadays.

The enclosures, made up of orange polystyrene, have a high mechanical strength, so that they don't get deformed during the installation; besides they are characterized by pre-cuttings for the conduit inlet up to 40mm.
Both the bottom and the front are Perfectly symmetric, so that there is no top or bottom to pay attention to during the installation.

The reversible front permits to open the door at more than 180° either right or left. The stainless steel DIN rail EN50022 can be horizontally adjusted for to perfectly line up the equipments and devices.
The support rails are so designed to compensate for the variable thickness of the plaster in order to align the devices at the correct depth.

# MAIN TECHNICAL FEATURES

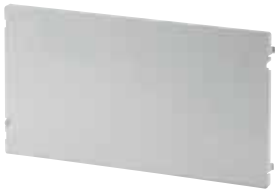
EC-brand name and the item code are moulded in the bottom in the same colour as the enclosure

The 2 doors of the 72-module enclosure allow to operate directly on the equipments to set in action

Starting from the 54-module enclosures the door has got a triangle safety key

Starting from the 24-module enclosures the DIN rails are put on a removable frame





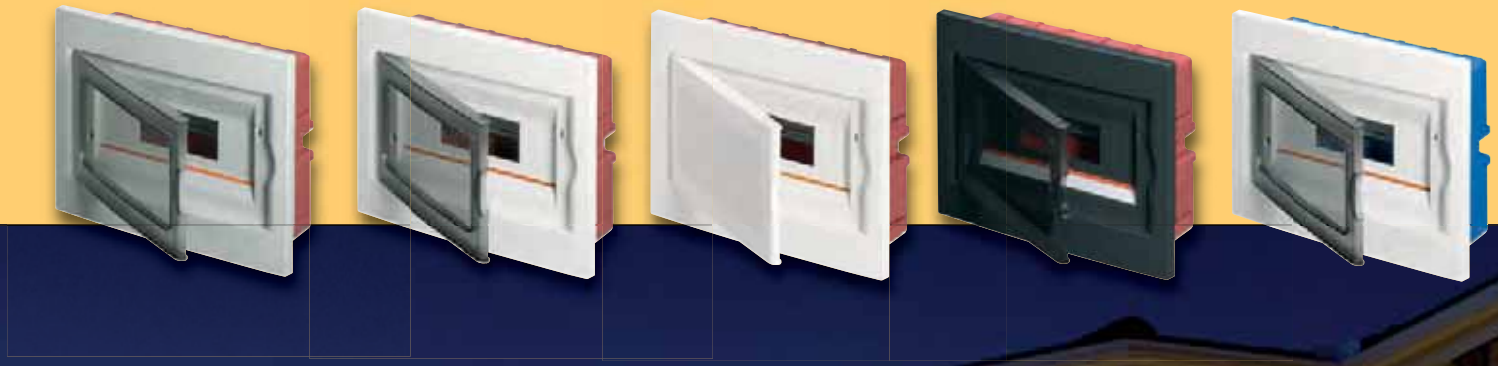
The asymmetric modular windows of the 72-module enclosure allow to modify the distance between the DIN rails

Suitable for the sealing of the s ingle 18-module windows

The 72-module enclosures have 18-module modular windows, which can be replaced by closed windows to carry our connecting brass terminals or small automations

The 72-module flush mounting enclosure has 18-module asymmetric modular windows, permitting to modify the distance between the DIN rails, simply by turning the windows upside down and adjusting the distance on 3 different positions: 150-175-200mm.
In the same way it is possible to fix t he DIN rails on the bottom in different places which must however correspond to the ones chosen for the cover or vice versa. The inner room is therefore adjusted according to the installed devices and the necessary cabling.
The DIN rails, placed on two separate frames, which can be removed to carry out the wiring or the assembling in the workshop, cab be singly adjusted on 2 positions in order to house devices with a different height.
The reversible front permits to open the door at more than 180° either right or left.
The wall mounting enclosures are equipped with blank plastic plate for unused modules to gain double insulation, so that they are suitable for an installation with complete insulation according to the Standard EN 60670-24.

# mounting examples







## FLUSH MOUNTING MODULAR ENCLOSURES **SERIES 630**

**MAIN TECHNICAL FEATURES:**

- Reversible door made of smoky grey polycarbonate.
- Box made of shock resistant orange polystyrene. External frame and door made of bright material.
- Self-adhesive label for circuit identification.
- Enclosure suitable for housing of the terminal blocks.
- Blank plastic plate for unused modules.
- Galvanized steel DIN rail EN 50022, already assembled on removable and adjustable support.
- Single package in cardboard box for a better protection during transport and storage.
- Dimension D= box depth.

**IP40**

CE

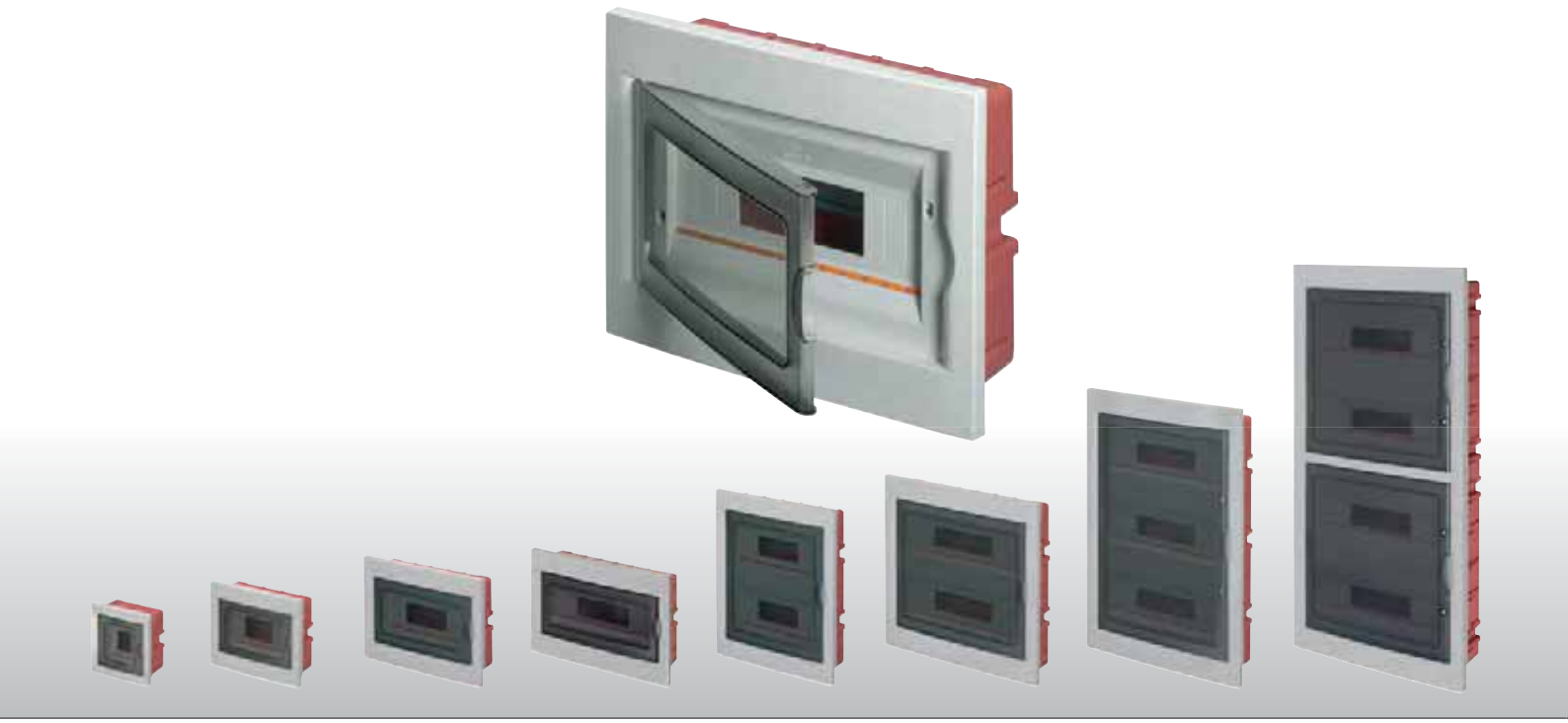
GREY RAL 7035

## Flush mounting modular enclosures

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC63004** | 154x160x80 | 4 | 9 | 1/20 |
| **EC63008** | 240x194x80 | 8 | 18 | 1/9 |
| **EC63012** | 320x240x80 | 12 | 25 | 1/7 |
| **EC63018** | 430x260x80 | 18 | 30 | -/1 |
| **EC63024** | 320x388x80 | 24 (2x12) | 35 | -/1 |
| **EC63036** | 430x410x80 | 36 (2x18) | 52 | -/1 |
| **EC63054** | 430x618x80 | 54 (3x18) | 77 | -/1 |
| **EC63072** | 450x853x95 | 72 (4x18) | 90 | -/1 |

## Flush mounting modular enclosures - with brass terminal blocks 6x10

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC63004E** | 154x160x80 | 4 | 1 | 1x4 | 9 | 1/20 |
| **EC63008E** | 240x194x80 | 8 | 1 | 1x8 | 18 | 1/9 |
| **EC63012E** | 320x240x80 | 12 | 1 | 1x12 | 25 | 1/7 |
| **EC63018E** | 430x260x80 | 18 | 1 | 1x12 | 30 | -/1 |
| **EC63024E** | 320x388x80 | 24 (2x12) | 1 | 2x12 | 35 | -/1 |
| **EC63036E** | 430x410x80 | 36 (2x18) | 2 | 3x12 | 52 | -/1 |
| **EC63054E** | 430x618x80 | 54 (3x18) | 2 | 4x12 | 77 | -/1 |
| **EC63072E** | 450x853x95 | 72 (4x18) | 2 | 4x12 | 90 | -/1 |



**EC63004** **EC63008** **EC63012** **EC63018** **EC63024** **EC63036** **EC63054** **EC63072**

# FLUSH MOUNTING MODULAR ENCLOSURES **SERIES 630**

**MAIN TECHNICAL FEATURES:**

- Reversible door made of smoky grey polycarbonate.
- Box made of shock resistant orange polystyrene. External frame and door made of bright material.
- Self-adhesive label for circuit identification.
- Enclosure suitable for housing of the terminal blocks.
- Blank plastic plate for unused modules.
- Galvanized steel DIN rail EN 50022, already assembled on removable and adjustable support.
- Single package in cardboard box for a better protection during transport and storage.
- Dimension D= box depth.

**IP40**

CE

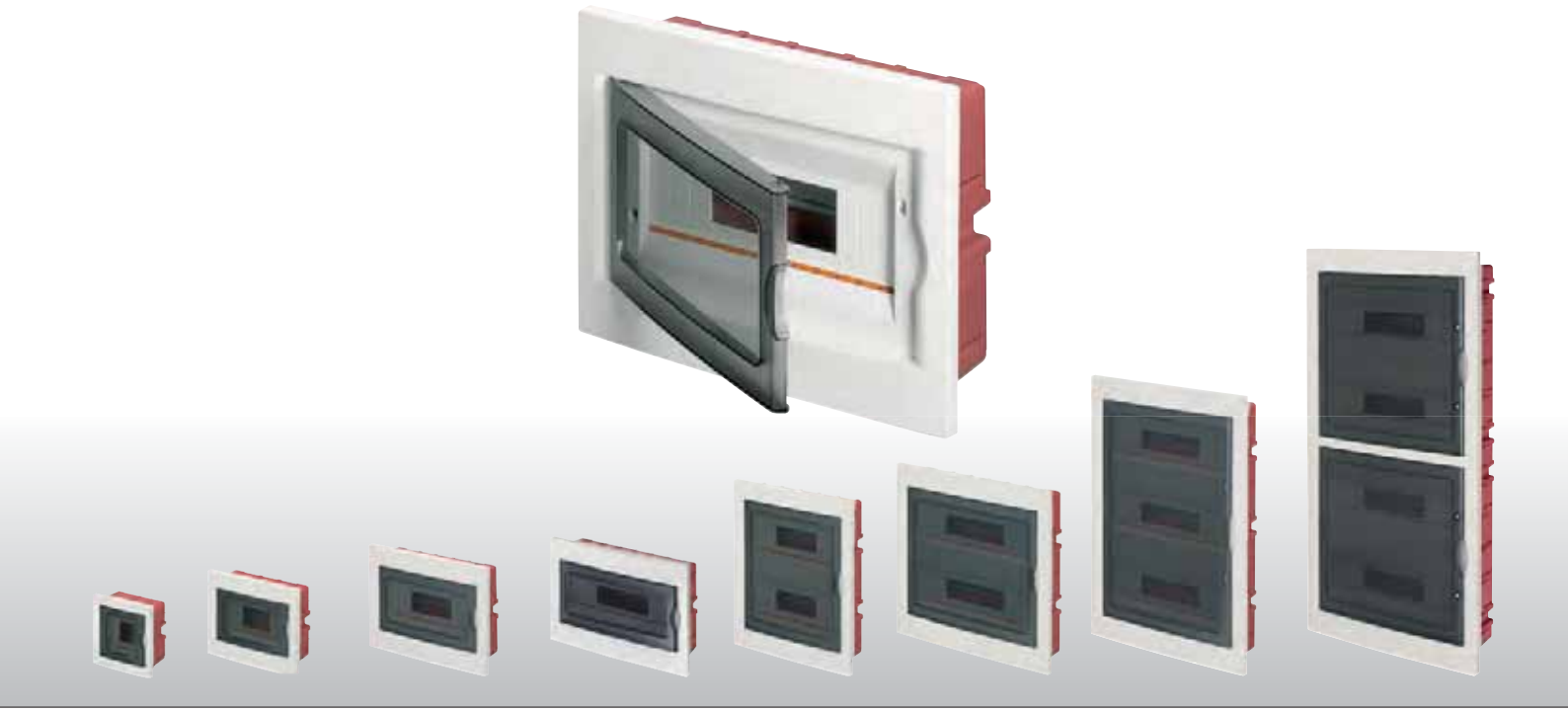
WHITE RAL 9001

## Flush mounting modular enclosures

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC63004B** | 154x160x80 | 4 | 9 | 1/20 |
| **EC63008B** | 240x194x80 | 8 | 18 | 1/9 |
| **EC63012B** | 320x240x80 | 12 | 25 | 1/7 |
| **EC63018B** | 430x260x80 | 18 | 30 | -/1 |
| **EC63024B** | 320x388x80 | 24 (2x12) | 35 | -/1 |
| **EC63036B** | 430x410x80 | 36 (2x18) | 52 | -/1 |
| **EC63054B** | 430x618x80 | 54 (3x18) | 77 | -/1 |
| **EC63072B** | 450x853x95 | 72 (4x18) | 90 | -/1 |

## Flush mounting modular enclosures - with brass terminal blocks 6x10

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm)) | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC63004BE** | 154x160x80 | 4 | 1 | 1x4 | 9 | 1/20 |
| **EC63008BE** | 240x194x80 | 8 | 1 | 1x8 | 18 | 1/9 |
| **EC63012BE** | 320x240x80 | 12 | 1 | 1x12 | 25 | 1/7 |
| **EC63018BE** | 430x260x80 | 18 | 1 | 1x12 | 30 | -/1 |
| **EC63024BE** | 320x388x80 | 24 (2x12) | 1 | 2x12 | 35 | -/1 |
| **EC63036BE** | 430x410x80 | 36 (2x18) | 2 | 3x12 | 52 | -/1 |
| **EC63054BE** | 430x618x80 | 54 (3x18) | 2 | 4x12 | 77 | -/1 |
| **EC63072BE** | 450x853x95 | 72 (4x18) | 2 | 4x12 | 90 | -/1 |



**EC63004B** **EC63008B** **EC63012B** **EC63018B** **EC63024B** **EC63036B** **EC63054B** **EC63072B**

## FLUSH MOUNTING MODULAR ENCLOSURES - SOLID DOOR **SERIES 630**

**MAIN TECHNICAL FEATURES:**

- Reversible door made of white ABS.
- Box made of shock resistant orange polystyrene. External frame and door made of bright material.
- Self-adhesive label for circuit identification.
- Enclosure suitable for housing of the terminal blocks.
- Blank plastic plate for unused modules.
- Galvanized steel DIN rail EN 50022, already assembled on removable and adjustable support.
- Single package in cardboard box for a better protection during transport and storage.
- Dimension D= box depth.

**IP40**

CE

WHITE RAL 9001

## Flush mounting modular enclosures

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC63004C** | 154x160x80 | 4 | 9 | 1/20 |
| **EC63008C** | 240x194x80 | 8 | 18 | 1/9 |
| **EC63012C** | 320x240x80 | 12 | 25 | 1/7 |
| **EC63018C** | 430x260x80 | 18 | 30 | -/1 |
| **EC63024C** | 320x388x80 | 24 (2x12) | 35 | -/1 |
| **EC63036C** | 430x410x80 | 36 (2x18) | 52 | -/1 |
| **EC63054C** | 430x618x80 | 54 (3x18) | 77 | -/1 |
| **EC63072C** | 450x853x95 | 72 (4x18) | 90 | -/1 |

## Flush mounting modular enclosures - with brass terminal blocks 6x10

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC63004CE** | 154x160x80 | 4 | 1 | 1x4 | 9 | 1/20 |
| **EC63008CE** | 240x194x80 | 8 | 1 | 1x8 | 18 | 1/9 |
| **EC63012CE** | 320x240x80 | 12 | 1 | 1x12 | 25 | 1/7 |
| **EC63018CE** | 430x260x80 | 18 | 1 | 1x12 | 30 | -/1 |
| **EC63024CE** | 320x388x80 | 24 (2x12) | 1 | 2x12 | 35 | -/1 |
| **EC63036CE** | 430x410x80 | 36 (2x18) | 2 | 3x12 | 52 | -/1 |
| **EC63054CE** | 430x618x80 | 54 (3x18) | 2 | 4x12 | 77 | -/1 |
| **EC63072CE** | 450x853x95 | 72 (4x18) | 2 | 4x12 | 90 | -/1 |



**EC63004C** **EC63008C** **EC63012C** **EC63018C** **EC63024C** **EC63036C** **EC63054C** **EC63072C**

# FLUSH MOUNTING MODULAR ENCLOSURES **SERIES 630**

**MAIN TECHNICAL FEATURES:**

- Reversible door made of smoky grey polycarbonate.
- Box made of shock resistant orange polystyrene. External frame and door made of bright material.
- Self-adhesive label for circuit identification.
- Enclosure suitable for housing of the terminal blocks.
- Blank plastic plate for unused modules.
- Galvanized steel DIN rail EN 50022, already assembled on removable and adjustable support.
- Single package in cardboard box for a better protection during transport and storage.
- Dimension D= box depth.

**IP40**

CE

BLACK

## Flush mounting modular enclosures

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC63004N** | 154x160x80 | 4 | 9 | 1/20 |
| **EC63008N** | 240x194x80 | 8 | 18 | 1/9 |
| **EC63012N** | 320x240x80 | 12 | 25 | 1/7 |
| **EC63018N** | 430x260x80 | 18 | 30 | -/1 |
| **EC63024N** | 320x388x80 | 24 (2x12) | 35 | -/1 |
| **EC63036N** | 430x410x80 | 36 (2x18) | 52 | -/1 |
| **EC63054N** | 430x618x80 | 54 (3x18) | 77 | -/1 |
| **EC63072N** | 450x853x95 | 72 (4x18) | 90 | -/1 |

## Flush mounting modular enclosures - with brass terminal blocks 6x10

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC63004NE** | 154x160x80 | 4 | 1 | 1x4 | 9 | 1/20 |
| **EC63008NE** | 240x194x80 | 8 | 1 | 1x8 | 18 | 1/9 |
| **EC63012NE** | 320x240x80 | 12 | 1 | 1x12 | 25 | 1/7 |
| **EC63018NE** | 430x260x80 | 18 | 1 | 1x12 | 30 | -/1 |
| **EC63024NE** | 320x388x80 | 24 (2x12) | 1 | 2x12 | 35 | -/1 |
| **EC63036NE** | 430x410x80 | 36 (2x18) | 2 | 3x12 | 52 | -/1 |
| **EC63054NE** | 430x618x80 | 54 (3x18) | 2 | 4x12 | 77 | -/1 |
| **EC63072NE** | 450x853x95 | 72 (4x18) | 2 | 4x12 | 90 | -/1 |



**EC63004N** **EC63008N** **EC63012N** **EC63018N** **EC63024N** **EC63036N** **EC63054N** **EC63072N**

# DRY LINING MODULAR ENCLOSURES **SERIES 635**

**MAIN TECHNICAL FEATURES:**

- Reversible door made of smoky grey polycarbonate. Box made of shock resistant blue technopolymer.
- Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard)-): up to 850° C.
- External frame and door made of bright material.
- Self-adhesive label for circuit identification.
- Enclosure suitable for housing of the terminal blocks.
- Blank plastic plate for unused modules.
- Galvanized steel DIN rail EN 50022, already assembled on removable and adjustable support.
- Single package in cardboard box for a better protection during transport and storage.
- Dimension D= box depth.

**IP40**

CE

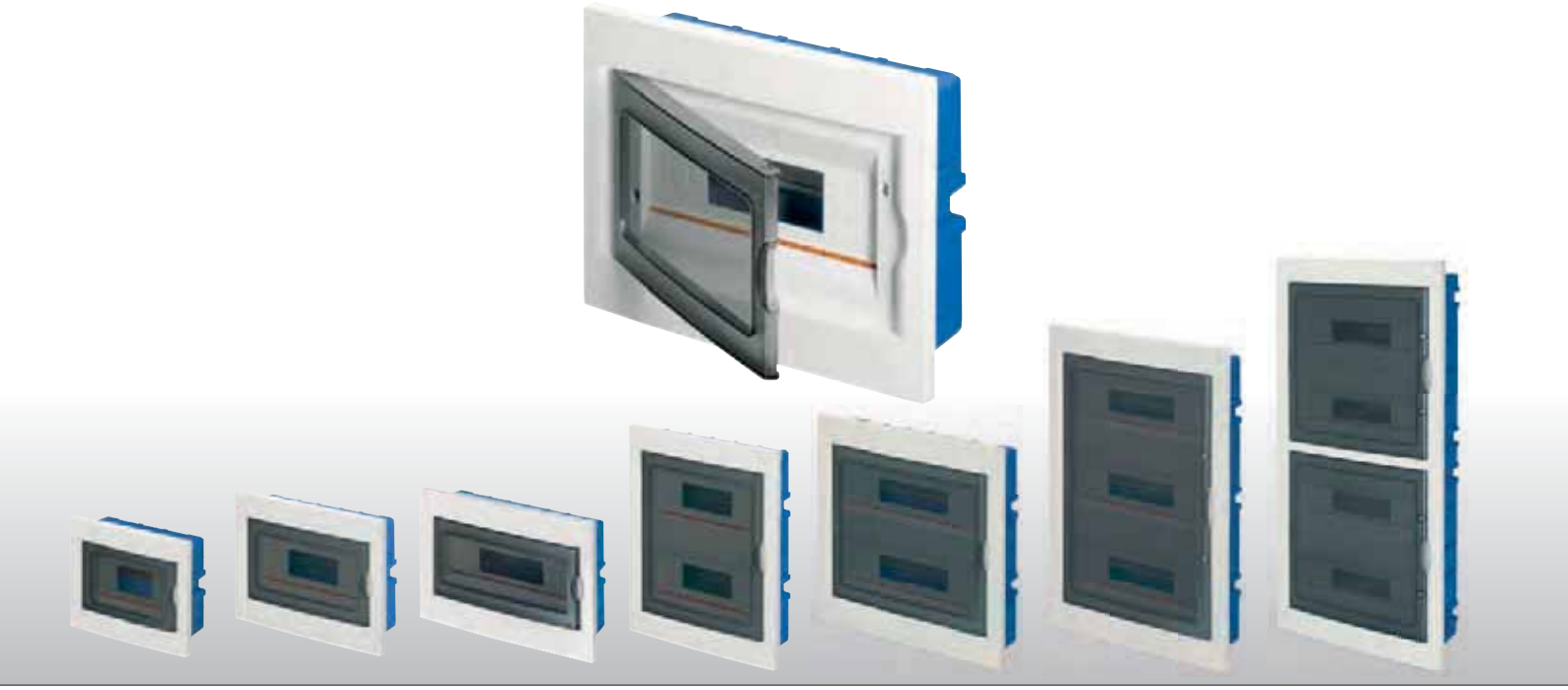
WHITE RAL 9001

## Flush mounting modular enclosures

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|
| **EC63508B** | 240x194x80 | 8 | 18 | 1/9 |
| **EC63512B** | 320x240x80 | 12 | 25 | 1/7 |
| **EC63518B** | 430x260x80 | 18 | 30 | -/1 |
| **EC63524B** | 320x388x80 | 24 (2x12) | 35 | -/1 |
| **EC63536B** | 430x410x80 | 36 (2x18) | 52 | -/1 |
| **EC63554B** | 430x618x80 | 54 (3x18) | 77 | -/1 |
| **EC63572B** | 450x853x95 | 72 (4x18) | 90 | -/1 |

## Flush mounting modular enclosures - with brass terminal blocks 6x10

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | MODULE NUMBER (17,5 mm) | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | POWER LOSS (Watt) EN 60670-24 | PACKAGING PIECES |
|---|---|---|---|---|---|---|
| **EC63508BE** | 240x194x80 | 8 | 1 | 1x8 | 18 | 1/9 |
| **EC63512BE** | 320x240x80 | 12 | 1 | 1x12 | 25 | 1/7 |
| **EC63518BE** | 430x260x80 | 18 | 1 | 1x12 | 30 | -/1 |
| **EC63524BE** | 320x388x80 | 24 (2x12) | 1 | 2x12 | 35 | -/1 |
| **EC63536BE** | 430x410x80 | 36 (2x18) | 2 | 3x12 | 52 | -/1 |
| **EC63554BE** | 430x618x80 | 54 (3x18) | 2 | 4x12 | 77 | -/1 |
| **EC63572BE** | 450x853x95 | 72 (4x18) | 2 | 4x12 | 90 | -/1 |



**EC63508B** **EC63512B** **EC63518B** **EC63524B** **EC63536B** **EC63554B** **EC63572B**



# INSTALLATION KIT FOR FLUSH MOUNTING MODULAR ENCLOSURES **SERIES 630/635**

**MAIN TECHNICAL FEATURES:**

- Installation kit for enclosures series 630
- Plastic support, brass terminal block and relevant fixing screws included.
- Quantities per packaging are the same as the enclosures, for an easy management of the accessories.
- Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard)-): up to 960° C.
- Series 890: made in self-extinguishing PA6.6.

## Installation kit for flush mounting modular enclosures

| ITEM | FOR ENCLOSURES | TERMINAL BLOCK SUPPORTS | TERMINAL BLOCKS HOLES | PACKAGING PIECES |
|---|---|---|---|---|
| **EC6304EQ** | 4 modules | 1 | 1x4 | 1/20 |
| **EC6308EQ** | 8 modules | 1 | 1x8 | 1/9 |
| **EC6312EQ** | 12-18 modules | 1 | 1x12 | 1/7 |
| **EC6324EQ** | 24 modules | 1 | 2x12 | 1/5 |
| **EC6336EQ** | 36 modules | 2 | 3x12 | 1/4 |
| **EC6354EQ** | 54/72 modules | 2 | 4x12 | 1 |

## Blank plate for 72-module enclosure

| | | |
|---|---|---|
| **EC67018** | Blank plate for 18-module window of the 72-module enclosure | 1/10 |

## Terminal blocks with support for DIN EN 50022 rail

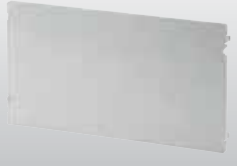
| ITEM | HOLES AND SECTION mm² | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC890050** | Section 1x35 - 6x16 | | 10/340 |
| **EC890051** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890052** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890053** | Section 1x35 - 6x16 | | 10/340 |
| **EC890054** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890055** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890056** | Section 1x35 - 6x16 | | 10/340 |
| **EC890057** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890058** | Section 1x35 - 2x25 - 12x16 | | 10/240 |

## Blank plates for 4,5 module enclosures and boards – divisible by 0,5 modules

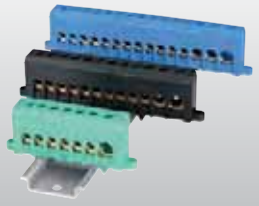
| ITEM | DIMENSIONS mm | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC600TC** | 4,5 modules DIN EN 50022 - 52x82 | GREY RAL 7035 | 25 |
| **EC600TCB** | 4,5 modules DIN EN 50022 - 52x82 | WHITE RAL 9001 | 25 |
| **EC600TCN** | 4,5 modules DIN EN 50022 - 52x82 | BLACK | 25 |



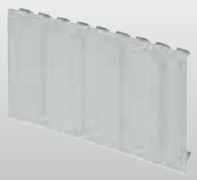
**EC6312EQ**



**EC67018**



**EC890**



**EC600TC**

# PLASTIC SUPPORTS **SERIES 670** / TERMINAL BLOCKS **SERIES 680**

**MAIN TECHNICAL FEATURES SUPPORTS:**

- Prodotti in materiale termoplastico rigido.
- Possibilità d'installare fino a 4 morsettiere.
- Completi di viti autofilettanti per montaggio in tutti i centralini.
- Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard)-): up to 960° C.

**MAIN TECHNICAL FEATURES TERMINAL BLOCKS:**

- To be installed on relevant plastic supports.
- Made of CW614H brass, for earth circuits and neutral connections.
- Galvanized steel screws assembled - included screws for fixing.

## Plastic supports for terminal blocks for all enclosures and boards

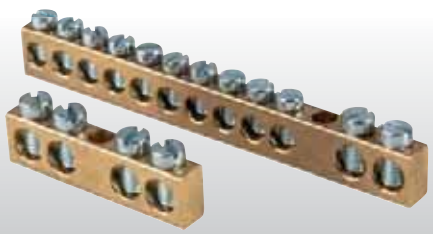
| ITEM | TO BE INSTALLED IN ENCLOSURES MODULE NUMBER | PACKAGING PIECES |
|---|---|---|
| **EC67004** | 4-8 | -/10 |
| **EC67012** | 12-18-24-36-54-72 | -/10 |

## Brass terminal blocks

| ITEM | HOLE NUMBER | TERMINAL SECTION mm | HOLE DIMENSIONS $mm^2$ | PACKAGING PIECES |
|---|---|---|---|---|
| **EC680M1** | 4 | 6x10 | 4x16 | -/10 |
| **EC680M2** | 8 | 6x10 | 2x16 - 6x10 | -/10 |
| **EC680M3** | 12 | 6x10 | 2x16 - 10x10 | -/10 |
| **EC680M4** | 5 | 10x15 | 1x25 + 4x10 | -/10 |
| **EC680M5** | 7 | 10x15 | 1x25 + 6x10 | -/10 |
| **EC680M6** | 10 | 10x15 | 2x25 + 8x10 | -/10 |



**Series 670**



**Series 680**

## CHOICE TABLE FOR WALL MOUNTING MODULAR ENCLOSURES

| | | MODULE NUMBER | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MODEL | DESCRIPTION | 2 MODULES | 4 MODULES | 8 MODULES | 12 MODULES | 18 MODULES | 24 MODULES | 36 MODULES | 54 MODULES | 72 MODULES |
|  | IP40 RAL 7035 TRANSPARENT DOOR | - | EC60004 | EC60008 | EC60012 | EC60018 | EC60024 | EC60036 | EC60054 | - |
|  | IP40 RAL 9001 TRANSPARENT DOOR | - | EC60004B | EC60008B | EC60012B | EC60018B | EC60024B | EC60036B | EC60054B | EC60072B |
|  | IP40 RAL 7035 WITHOUT DOOR | EC61002 | EC61003 | - | - | - | - | - | - | - |
|  | IP40 RAL 7035 WITHOUT DOOR | - | EC61004 | EC61008 | EC61012 | EC61018 | EC61024 | EC61036 | EC61054 | - |
|  | IP65 RAL 7035 WATERTIGHT | - | EC62004 | EC62008 | EC62012 | EC62018 | EC62024 | EC62036 | EC62054 | EC62072 |
|  | IP65 RAL 3000 EMERGENCY | - | EC64004 | EC64008 | - | - | - | - | - | - |
|  | IP65 RAL 7035 EMERGENCY | - | EC64104 | EC64108 | - | - | - | - | - | - |
|  | INSTALLATION KIT WITH SUPPORTS INCLUDED | IP40 | EC6004EQ | EC6008EQ | EC6012EQ | EC6012EQ | EC6024EQ | EC6036EQ | EC6054EQ | EC6054EQ |
|  | INSTALLATION KIT WITH SUPPORTS INCLUDED | IP65 | EC6204EQ | EC6208EQ | EC6212EQ | EC6212EQ | EC6224EQ | EC6236EQ | EC6254EQ | EC6254EQ |
|  | SUPPORTS FOR TERMINAL BLOCKS | - | EC67004 | EC67004 | EC67012 | EC67012 | EC67012 | EC67012 | EC67012 | EC67012 |

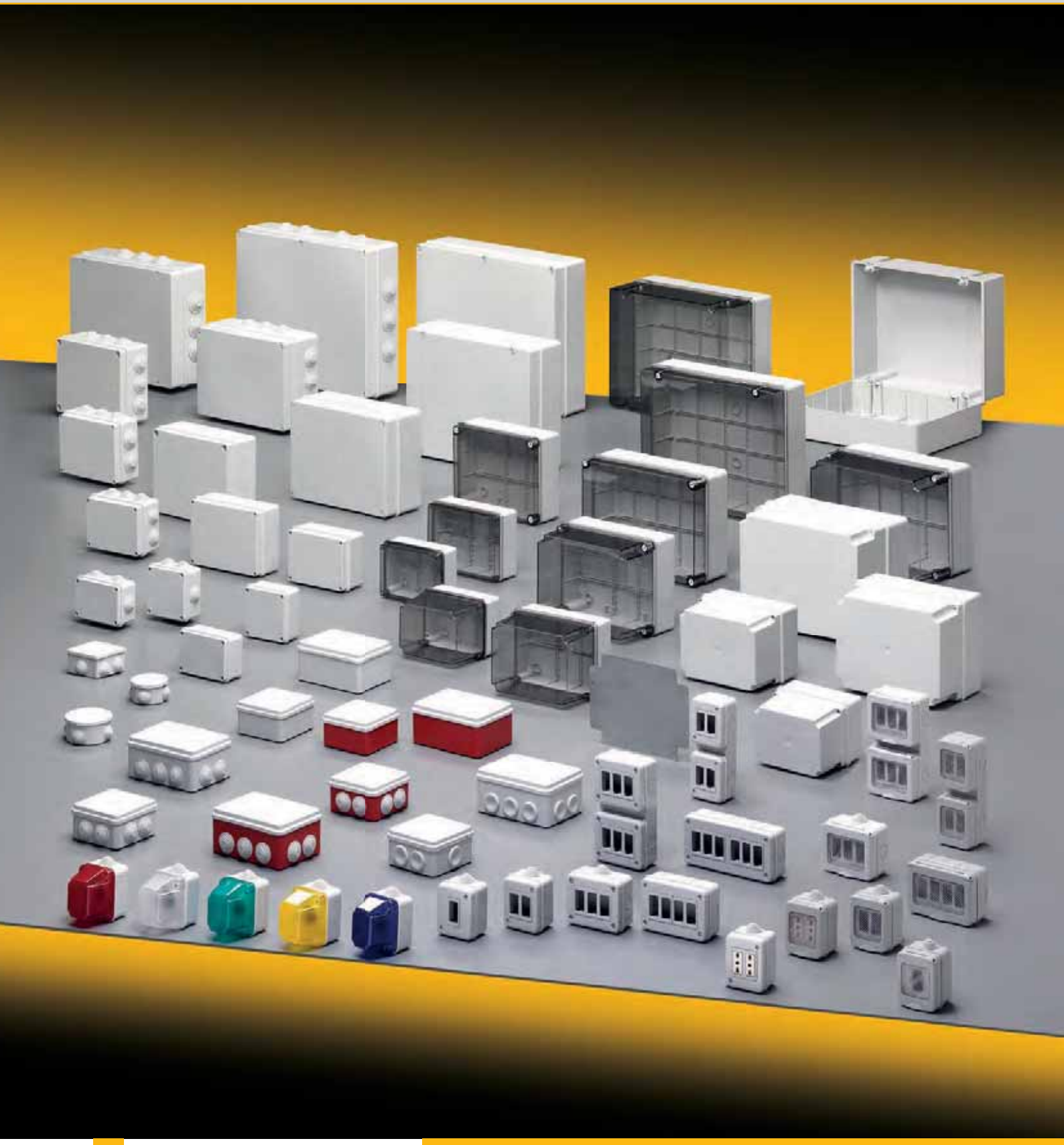
## CHOICE TABLE FOR FLUSH MOUNTING MODULAR ENCLOSURES

| | | MODULE NUMBER | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MODEL | DESCRIPTION | 4 MODULES | 8 MODULES | 12 MODULES | 18 MODULES | 24 MODULES | 36 MODULES | 54 MODULES | 72 MODULES |
|  | IP40 RAL 7035 TRANSPARENT DOOR | EC63004 | EC63008 | EC63012 | EC63018 | EC63024 | EC63036 | EC63054 | EC63072 |
|  | IP40 RAL 9001 TRANSPARENT DOOR | EC63004B | EC63008B | EC63012B | EC63018B | EC63024B | EC63036B | EC63054B | EC63072B |
|  | IP40 RAL 9001 SOLID DOOR | EC63004C | EC63008C | EC63012C | EC63018C | EC63024C | EC63036C | EC63054C | EC63072C |
|  | IP40 BLACK TRANSPARENT DOOR | EC63004N | EC63008N | EC63012N | EC63018N | EC63024N | EC63036N | EC63054N | EC63072N |
|  | IP40 RAL 9001 TRANSPARENT DOOR | - | EC63508B | EC63512B | EC63518B | EC63524B | EC63536B | EC63554B | EC63572B |
|  | INSTALLATION KIT WITH SUPPORTS INCLUDED | EC6304EQ | EC6308EQ | EC6312EQ | EC6312EQ | EC6324EQ | EC6336EQ | EC6354EQ | EC6354EQ |
|  | SUPPORTS FOR TERMINAL BLOCKS | EC67004 | EC67004 | EC67012 | EC67012 | EC67012 | EC67012 | EC67012 | EC67012 |

## CHOICE TABLE FOR TERMINAL BLOCKS

| | | SECTION 6 x 10 mm | | | SECTION 10 x 15 mm | | |
|---|---|---|---|---|---|---|---|
| MODEL | HOLE NUMBER SECTION | EC680M1 (4 HOLES) | EC680M2 (8 HOLES) | EC680M3 (12 HOLES) | EC680M4 (5 HOLES) | EC680M5 (7 HOLES) | EC680M6 (10 HOLES) |
|  | 25 mm² | - | - | - | 1 hole | 1 hole | 2 holes |
| | 16 mm² | 4 holes | 2 holes | 2 holes | - | - | - |
| | 10 mm² | - | 6 holes | 10 holes | 4 holes | 6 holes | 8 holes |

# JUNCTION BOXES



3

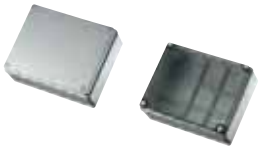
## MAIN TECHNICAL FEATURES

Thermoresistant material: shock resistant halogen free technopolymer on ABS base.
Self-extinguishing material: shock resistant self-extinguishing V0 (UL94) technopolymer on ABS base.
Polycarbonate material: shock resistant thermoresistant (up to 120°C) halogen free technopolymer.
Outdoor installations: high resistance to ageing and UV rays.
Halogen free: plastic materials resistant to chemicals, acids and bases containing Cadmium and halogens.
Shock resistance IK08 (shocks up to 6J).
Resistance to abnormal heat (Glow Wire Test EC 60695-2-11 standard): up to 650° C for standard, up to 960°C for type A (self-extinguishing).
Installation temperature: min. -5°C, max +60°C.
Operating temperature: min. -25°C, max (ABS) +70°C, max (PC) +120°C.
Boxes suitable for a complete installation, according to the Standards IEC 60670-1/24 by screw caps.
Single or multiple package with protective transparent film, packed in strong cardboard boxes.
Reference Standards:EN 60670-1:2005, EN 60670-22:2006.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.

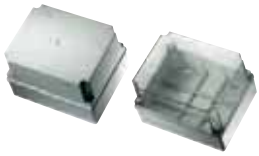
### Thermoresistant boxes



Junction boxes with stepped glands IP44/ IP55 Series 400-411
page 281

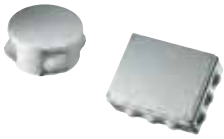


Smooth sided junction boxes with blank/ transparent lid IP56 Series 410/420
page 284



Smooth sided junction boxes with high blank/transparent lid IP56 Series 430/440
page 286

### Self-extinguishing boxes V0

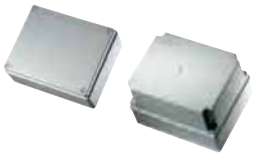


V0 self-extinguishing with stepped glands IP44/IP55S Series 400A
page 288



Smooth sided junction boxes with blank lid IP56 Series 410A
page 290

### Polycarbonate 120°C boxes



PC smooth sided junction boxes with blank/transparent lid Series 480/490
page 295

### Thermoresistant boxes junction boxes with ¼ turn screws



Junction box with stepped glands or cable direct inlet Series 405/401
page 293



Smooth sided junction boxes with blank lid Series 415
page 293

### Self-extinguishing boxes V0 junction boxes with ¼ turn screws



Junction boxes with stepped glands or cable direct inle IP55/IP56 Series 405A/415A
page 294



Junction boxes with stepped glands or cable direct inlet IP55/IP56 Series 406A/416A
page 295

### Aluminium boxes



Aluminium smooth sided junction boxes Series 485
page 298

### Wall mounting boxes



Wall mounting warning lights
page 299



IP55 Self-supporting covers for electrical devices
page 299



IP40/IP55 Wall boxes for electrical devices Series 300
page 300

### Alveolar boards



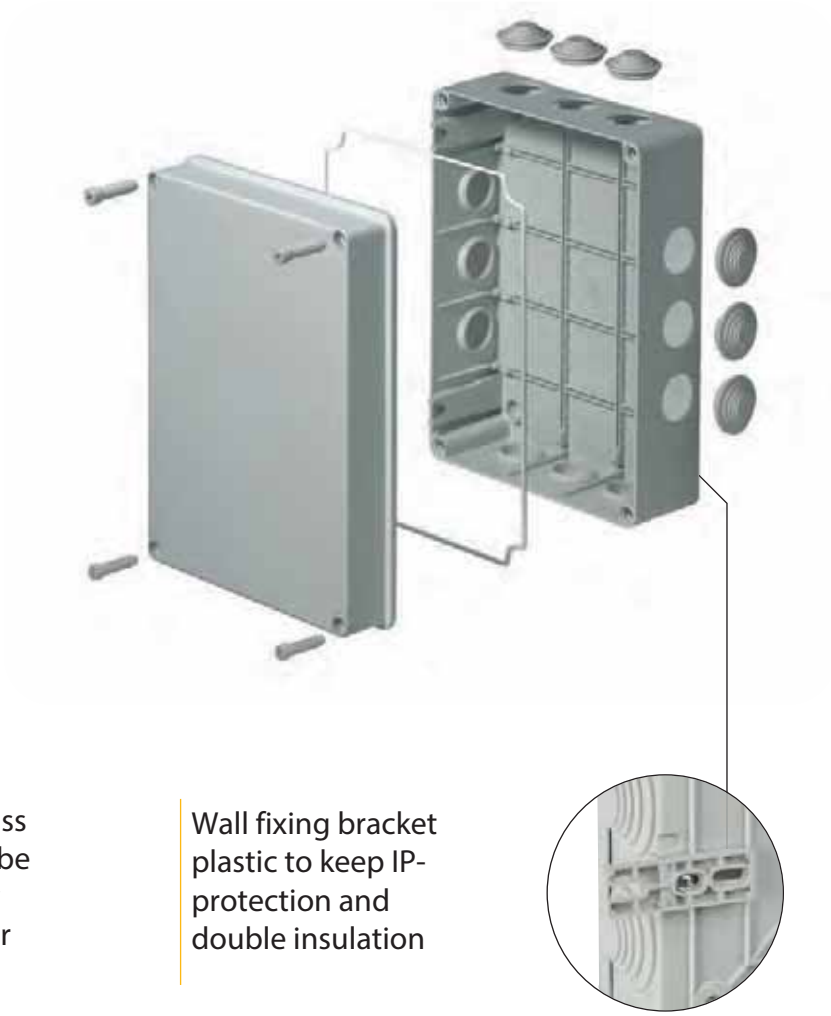
Boards with alveolar or smooth reversible door
page 301

# MAIN TECHNICAL FEATURES

Particularly strong design to grant the right rigidity also on rough or irregular walls

Integrated hinges for an easy and quick installation

The back plates, the DIN rails and the brass terminal blocks can be mounted very easily thanks to the proper guides



Wall fixing bracket plastic to keep IP-protection and double insulation

A draining hole can be easily made in the box wall

Soft stepped glands perfectly fitting to the box and easy to cut

Anticorrosive steel captive screws or quick-closing ¼ turn plastic captive screws

Lid with integrated gasket

The wall mounting junction boxes are manufactured eiter with thermoresistant halogen free raw material (GWT 650°C) or with self-extinguishing raw material (GWT 960°C and V0 according to the Standard UL94).
With 175 items, divided in different series, the range of the wall mounting boxes fulfils any distribution or derivation need the installer has: stepped glands or smooth sides, solid or clear covers, low or high covers, steel or plastic screws.
The boxes made of self-extinguishing ABS with a high resistance to abnormal heat (960° C) is suitable for the heaviest applications and, in the red version, can be used in fire and security systems.
The polycarbonate boxes offer the installers the ideal solution for their specific and particular applications.
The boxes can be installed very easily and quickly thanks to the accessories supplied with the box or available as fittings.
The high mechanical strength protects the wiring devices and equipments in the outdoor installations, in industrial and civil applications.
The range also include the boxes suitable for electrical devices like GW systems, Magic or similar ones.

# MAIN TECHNICAL FEATURES

Integrated hinge with snap, possibility to separate the cover, 90° opening of the cover at box edge





Plastic and steel back plates to fix wiring devices and equipments

The bottom has some guides to directly fix the brass terminal blocks, the devices or the back plates

The covers are closed by steel screws, insulating screws or quick-closing ¼ turn screws





All the boxes are equipped with steel or plastic captive screws

The lid of the quick-closing boxes is linked to the bottom for the max. functionality in any condition of installation

The junction boxes are characterized by some peculiar solutions which make the cabling works easier and quicker, which means a sure time and money saving for the installer.
From the dimensions 300x220cm the boxes have a separable integrated hinge: that means no kit to install, 90° opening of the cover at box edge, the lid can be separated from the box without any tool and snapped again after carrying out the wiring or the assembling in the workshop.
The steel or plastic back plates are a sure advantage because they can be wired in the workshop and then installed; they allow to make the most of the room available, gaining in this way a more efficient installation
The bottom guides existing in any box model allow to fix the brass terminal blocks, the DIN rails EN50022, the equipments and the back plates directly to the box bottom.
The box with ¼ turn screws have the references on the cover: "0" closed and "1" open. Once aligned to the screw slot they clearly indicate if the cover is closed or open.
Two of the four losless screws are linked to the bottom, which can be easily separated to make the fixing and the wiring works easier and mounted again also in a different position.
If the junction boxes are put on conductive surfaces, they can be equipped with the screw caps (to be bought separately) to gain a double insulation. In this way they become fully insulated according to the Standard EN 60670-1/24.

# mounting examples





# POLYETHYLENE CABLE JUNCTION BOXES **SERIES 411**

new!

**MAIN TECHNICAL FEATURES:**
- Bottom and lid made of shock resistant polyethylene technopolymer, and high resistance to UV rays.
- Halogen free.
- Snap-on cover, assembly without tools.
- Ideal for lighting systems.
- Cable direct inlets.
- Rigid conduit direct inlets (Ø 16 mm).

CE

**IP55**

GREY RAL 7035

## Direct inlet cable junction boxes - IP55

| ITEM | INTERNAL DIMENSIONS mm | CABLE DIAMETER mm | CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC411C1** | 71x33x30 | Ø 8-14 / Ø 7-9 | Ø 16 greater side | 100 |
| **EC411C2** | 65x65x30 | Ø 8-14 | Ø 16 all sides | 50 |
| **EC411C3** | 75x75x34 | Ø 8-14 | Ø 16 all sides | 36 |
| **EC411C4** | 90x90x34 | Ø 8-14 | Ø 16 all sides | 46 |

HALOGEN Free





**EC411C1** **EC411C2** **EC411C3** **EC411C4**

## JUNCTION BOXES WITH STEPPED GLANDS **SERIES 400**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of thermoresistant ABS.
- Snap-on cover, assembly without tools.
- Possibility of a double insulation with optional caps.
- Threaded holes for wall mounting and system to prevent unscrewing.
- Soft stepped glands.
- 5-piece package with protective transparent film.

**IP44**

GREY RAL 7035

## Junction boxes with stepped glands - snap-on cover - IP44

| ITEM | INTERNAL DIMENSIONS mm | HOLE NUMBER | MAX. CONDUIT DIAM. mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC400C1** | Ø 65x35 | 4 | 20 | 5/120 |
| **EC400C2** | Ø 80x40 | 4 | 20 | 5/150 |
| **EC400C3** | 80x80x40 | 6 | 20 | 5/160 |

## Smooth sided junction boxes - with prepared holes - IP44

new!

| ITEM | INTERNAL DIMENSIONS mm | HOLE NUMBER | MAX. CONDUIT DIAM. mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC410C3** | 80x80x40 | 6 | 20 | 5/150 |













**EC400C1** **EC400C2** **EC400C3** **EC410C3**

# JUNCTION BOXES WITH STEPPED GLANDS **SERIES 400**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of thermoresistant ABS.
- Cover with metal or plastic screws closure where specified.
- High-resistant soft rubber inner gasket.
- Soft stepped glands.
- Possibility of a double insulation with optional caps.
- Internal guide to fix the DIN rail EN 50022, brass terminal blocks or back plates.
- Single package with protective transparent film.

**IP55**

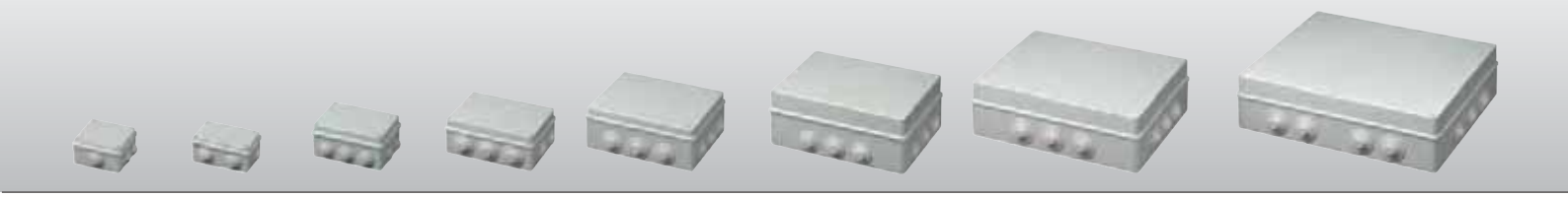
CE

GREY RAL 7035

| ITEM | INTERNAL DIMENSIONS mm | HOLE NUMBER | MAX. CONDUIT DIAM. mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC400C4** | 100x100x50 | 6 | 25 | 1/90 |
| **EC400C4R** | 120x80x50 | 6 | 25 | 1/90 |
| **EC400C5** | 150x110x70 | 10 | 25 | 1/45 |
| **EC400C6** | 190x140x70 | 10 | 32 | 1/25 |
| **EC400C7•** | 240x190x90 | 12 | 32 | 1/14 |
| **EC400C8*** | 300x220x120 | 12 | 32 | 1/6 |
| **EC400C9*** | 380x300x120 | 12 | 40 | 1/4 |
| **EC400C10*** | 460x380x120 | 14 | 40 | 1/4 |

**• Nylon screws**
*** Nylon screws and hinged lid**





**EC400C4** **EC400C4R** **EC400C5** **EC400C6** **EC400C7** **EC400C8** **EC400C9** **EC400C10**

## SMOOTH SIDED JUNCTION BOXES **SERIES 410**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of thermoresistant ABS.
- Cover with metal or plastic screws where specified.
- High-resistant soft rubber inner gasket.
- Possibility of a double insulation with optional caps.
- Internal guide to fix the DIN rail EN 50022, brass terminal blocks or back plates.
- Single package with protective transparent film.

**IP56**

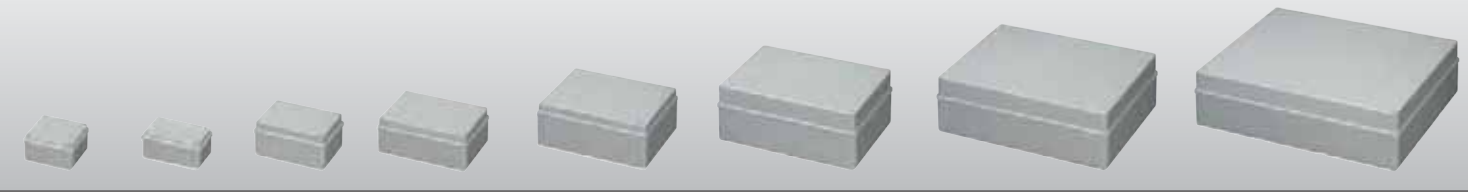
GREY RAL 7035

| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC410C4** | 100x100x50 | 1/100 |
| **EC410C4R** | 120x80x50 | 1/100 |
| **EC410C5** | 150x110x70 | 1/42 |
| **EC410C6** | 190x140x70 | 1/24 |
| **EC410C7·** | 240x190x90 | 1/16 |
| **EC410C8*** | 300x220x120 | 1/6 |
| **EC410C9*** | 380x300x120 | 1/4 |
| **EC410C10*** | 460x380x120 | 1/4 |

**• Nylon screws**
*** Nylon screws and hinged lid**

HALOGEN Free





**EC410C4 EC410C4R EC410C5 EC410C6 EC410C7 EC410C8 EC410C9 EC410C10**

# SMOOTH SIDED JUNCTION BOXES **SERIES 420**

**MAIN TECHNICAL FEATURES:**

- Bottom made of thermoresistant ABS.
- Polycarbonate transparent smoky grey cover - metal or plastic screws where specified.
- High-resistant soft rubber inner gasket.
- Possibility of a double insulation with optional caps.
- Internal guide to fix the DIN rail EN 50022, brass terminal blocks or back plates.
- Single package with protective transparent film.

**IP56**

CE

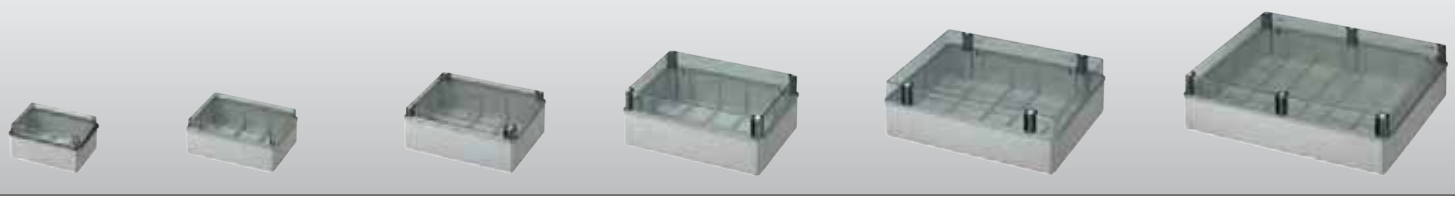
GREY RAL 7035

| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC420C5** | 150x110x70 | 1/42 |
| **EC420C6** | 190x140x70 | 1/24 |
| **EC420C7•** | 240x190x90 | 1/16 |
| **EC420C8*** | 300x220x120 | 1/6 |
| **EC420C9*** | 380x300x120 | 1/4 |
| **EC420C10*** | 460x380x120 | 1/4 |

**• Nylon screws**
*** Nylon screws and hinged lid**

HALOGEN Free





**EC420C5** **EC420C6** **EC420C7** **EC420C8** **EC420C9** **EC420C10**

## SMOOTH SIDED JUNCTION BOXES - HIGH LID **SERIES 430**

**MAIN TECHNICAL FEATURES:**

- Bottom made of thermoresistant ABS.
- The high lid assures a big inner volume for industrial applications.
- Cover with metal or plastic screws where specified.
- High-resistant soft rubber inner gasket.
- Possibility of a double insulation with optional caps.
- Internal guide to fix the DIN rail EN 50022, brass terminal blocks or back plates.
- Single package with protective transparent film.

**IP56**

GREY RAL 7035

| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC430C5** | 150x110x140 | 1/18 |
| **EC430C6** | 190x140x140 | 1/16 |
| **EC430C7•** | 240x190x160 | 1/8 |
| **EC430C8*** | 300x220x180 | 1/4 |
| **EC430C9*** | 380x300x180 | 1/3 |

**• Nylon screws**
*** Nylon screws and hinged lid**

HALOGEN Free





**EC430C5** **EC430C6** **EC430C7** **EC430C8** **EC430C9**

# SMOOTH SIDED JUNCTION BOXES - HIGH TRANSPARENT LID **SERIES 440**

**MAIN TECHNICAL FEATURES:**

- Bottom made of thermoresistant ABS.
- The high lid assures a big inner volume for industrial applications.
- Polycarbonate transparent smoky grey screw cover - metal or plastic screws where specified.
- High-resistant soft rubber inner gasket.
- Possibility of a double insulation with optional caps.
- Internal guide to fix the DIN rail EN 50022, brass terminal blocks or back plates.
- Single package with protective transparent film.

**IP56**

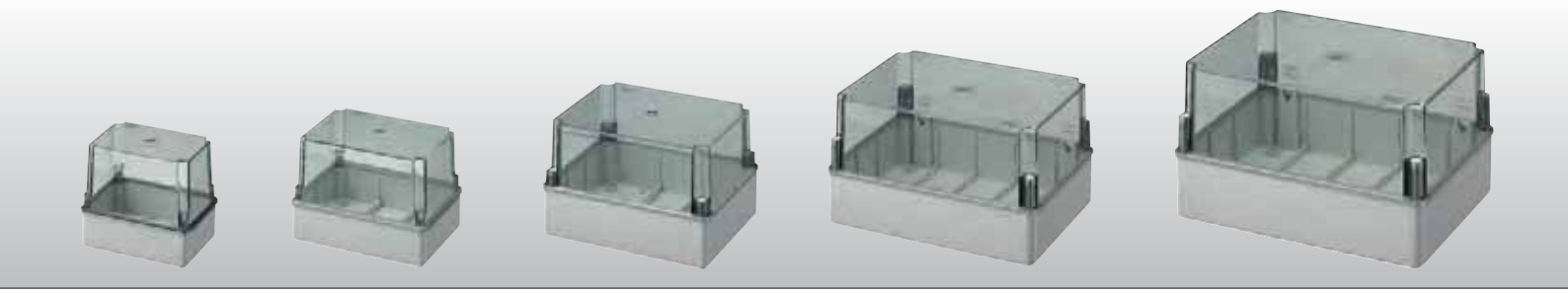
GREY RAL 7035

| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC440C5** | 150x110x140 | 1/18 |
| **EC440C6** | 190x140x140 | 1/16 |
| **EC440C7·** | 240x190x160 | 1/8 |
| **EC440C8*** | 300x220x180 | 1/4 |
| **EC440C9*** | 380x300x180 | 1/3 |

**• Nylon screws**
*** Nylon screws and hinged lid**

HALOGEN Free





**EC440C5** **EC440C6** **EC440C7** **EC440C8** **EC440C9**

## JUNCTION BOXES WITH STEPPED GLANDS **SERIES 400A**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of self-extinguishing V0 (UL94) ABS.
- Resistance to abnormal heat : up to 960° C (Glow Wire Test according to the Standard IEC 60695-2-11).
- Snap-on cover, assembly without tools.
- Possibility of a double insulation with optional caps.
- Threaded holes for wall mounting and system to prevent unscrewing.
- Soft stepped glands.
- 5-piece package with protective transparent film.

**IP44**

GREY RAL 7035

| ITEM | INTERNAL DIMENSIONS mm | HOLE NUMBER | MAX. CONDUIT DIAM. mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC400C1A** | Ø 65x35 | 4 | 20 | 5/120 |
| **EC400C2A** | Ø 80x40 | 4 | 20 | 5/150 |
| **EC400C3A** | 80x80x40 | 6 | 20 | 5/160 |

*self-extinguishing*





**EC400C1A**



**EC400C2A**



**EC400C3A**

# JUNCTION BOXES WITH STEPPED GLANDS **SERIES 400A**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of self-extinguishing V0 (UL94) ABS.
- Resistance to abnormal heat : up to 960° C (Glow Wire Test according to the Standard IEC 60695-2-11).
- Cover with metal or plastic screws where specified.
- High-resistant soft rubber inner gasket.
- Soft stepped glands.
- Possibility of a double insulation with optional caps.
- Internal guide to fix the DIN rail EN 50022, brass terminal blocks or back plates.
- Single package with protective transparent film.

**IP55**

CE

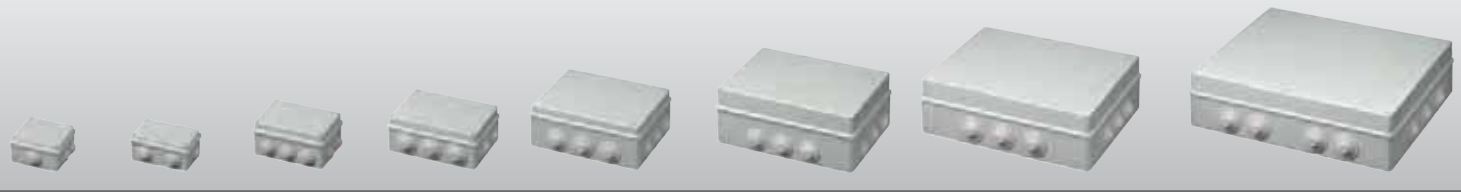
GREY RAL 7035

| ITEM | INTERNAL DIMENSIONS mm | HOLE NUMBER | MAX. CONDUIT DIAM. mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC400C4A** | 100x100x50 | 6 | 25 | 1/90 |
| **EC400C4RA** | 120x80x50 | 6 | 25 | 1/90 |
| **EC400C5A** | 150x110x70 | 10 | 25 | 1/45 |
| **EC400C6A** | 190x140x70 | 10 | 32 | 1/25 |
| **EC400C7A·** | 240x190x90 | 12 | 32 | 1/14 |
| **EC400C8A*** | 300x220x120 | 12 | 32 | 1/6 |
| **EC400C9A*** | 380x300x120 | 12 | 40 | 1/4 |
| **EC400C10A*** | 460x380x120 | 14 | 40 | 1/4 |

**• Nylon screws**
*** Nylon screws and hinged lid**

*self-extinguishing*





**EC400C4A EC400C4RA EC400C5A EC400C6A EC400C7A EC400C8A EC400C9A EC400C10A**

## SMOOTH SIDED JUNCTION BOXES **SERIES 410A**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of self-extinguishing V0 (UL94) ABS.
- Resistance to abnormal heat : up to 960° C (Glow Wire Test according to the Standard IEC 60695-2-11).
- Cover with metal or plastic screws where specified.
- High-resistant soft rubber inner gasket.
- Possibility of a double insulation with optional caps.
- Internal guide to fix the DIN rail EN 50022, brass terminal blocks or back plates.
- Single package with protective transparent film.

**IP56**

CE

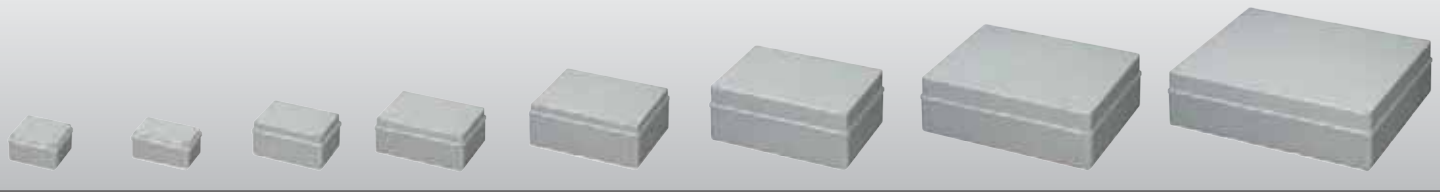
GREY RAL 7035

| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC410C4A** | 100x100x50 | 1/100 |
| **EC410C4RA** | 120x80x50 | 1/100 |
| **EC410C5A** | 150x110x70 | 1/42 |
| **EC410C6A** | 190x140x70 | 1/24 |
| **EC410C7A•** | 240x190x90 | 1/16 |
| **EC410C8A*** | 300x220x120 | 1/6 |
| **EC410C9A*** | 380x300x120 | 1/4 |
| **EC410C10A*** | 460x380x120 | 1/4 |

**• Nylon screws**
*** Nylon screws and hinged lid**

*self-extinguishing*





**EC410C4A EC410C4RA EC410C5A EC410C6A EC410C7A EC410C8A EC410C9A EC410C10A**

## SMOOTH SIDED JUNCTION BOXES **SERIE 480**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made in polycarbonate with heat resistance up to 120° C, for heavy installations.
- Cover with metal or plastic screws where specified.
- High-resistant soft rubber inner gasket.
- Possibility of a double insulation with optional caps.
- Internal guide to fix the DIN rail EN 50022, brass terminal blocks or back plates.
- Single package with protective transparent film.

**IP56**

CE

GREY RAL 7035

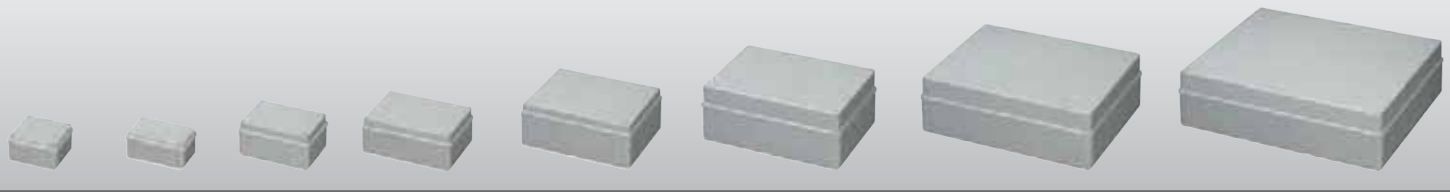
| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC480C4** | 100x100x50 | 1/100 |
| **EC480C4R** | 120x80x50 | 1/100 |
| **EC480C5** | 150x110x70 | 1/42 |
| **EC480C6** | 190x140x70 | 1/24 |
| **EC480C7·** | 240x190x90 | 1/16 |
| **EC480C8*** | 300x220x120 | 1/6 |
| **EC480C9*** | 380x300x120 | 1/4 |
| **EC480C10*** | 460x380x120 | 1/4 |

**• Nylon screws**
*** Nylon screws and hinged lid**

HALOGEN Free

**120° C**





**EC480C4** **EC480C4R** **EC480C5** **EC480C6** **EC480C7** **EC480C8** **EC480C9** **EC480C10**

## SMOOTH SIDED JUNCTION BOXES - HIGH LID **SERIES 490**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made in polycarbonate with heat resistance up to 120°C , for heavy installations.
- The high lid assures a big inner volume for industrial applications.
- Cover with metal or plastic screws where specified.
- High-resistant soft rubber inner gasket.
- Possibility of a double insulation with optional caps.
- Internal guide to fix the DIN rail EN 50022, brass terminal blocks or back plates.
- Single package with protective transparent film.

**IP56**

GREY RAL 7035

| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC490C5** | 150x110x140 | 1/18 |
| **EC490C6** | 190x140x140 | 1/16 |
| **EC490C7•** | 240x190x160 | 1/8 |
| **EC490C8*** | 300x220x180 | 1/4 |
| **EC490C9*** | 380x300x180 | 1/3 |

**• Nylon screws**
*** Nylon screws and hinged lid**

HALOGEN Free

**120° C**





**EC490C5** **EC490C6** **EC490C7** **EC490C8** **EC490C9**

# QUICK-CLOSING JUNCTION BOXES - 1/4 TURN SCREWS **SERIES 401/405/415**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of thermoresistant halogen free ABS, smooth side .
- Quick-closing ¼ turn plastic screws.
- New linking system of the cover to the box bottom.
- High-resistant soft rubber inner gasket.
- Possibility of a double insulation with optional caps.
- Bottom suitable to house the brass terminal blocks.
- Single package with protective transparent film.

**IP55**
**IP56**

CE

GREY RAL 7035

## Junction boxes with cable direct inlet - IP55

| ITEM | INTERNAL DIMENSIONS mm | HOLE NUMBER | MIN. - MAX. DIAM. mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC401C4** | 105x105x55 | 7 | 2,5 - 20 | 1/60 |
| **EC401C5** | 155x110x70 | 10 | 2,5 - 20 | 1/45 |

## Junction boxes with stepped glands- IP55

| ITEM | INTERNAL DIMENSIONS mm | HOLE NUMBER | MAX. CONDUIT DIAM. mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC405C4** | 105x105x55 | 7 | 25 | 1/60 |
| **EC405C5** | 155x110x70 | 10 | 25 | 1/45 |

## Smooth sided juntion boxes - IP56

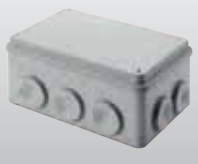
| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC415C4** | 105x105x55 | 1/80 |
| **EC415C5** | 155x110x70 | 1/42 |

HALOGEN Free













**EC401C4** **EC401C5** **EC405C4** **EC405C5** **EC415C4** **EC415C5**

## QUICK-CLOSING JUNCTION BOXES - 1/4 TURN SCREWS **SERIES 405A/415A**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of self-extinguishing V0 (UL94) ABS.
- Resistance to abnormal heat : up to 960° C (Glow Wire Test according to the Standard IEC 60695-2-11).
- Quick-closing ¼ turn plastic screws.
- High-resistant soft rubber inner gasket.
- Soft stepped glands.
- Possibility of a double insulation with optional caps.
- Bottom suitable to house the brass terminal blocks.
- Single package with protective transparent film.

**IP55**
**IP56**

CE

GREY RAL 7035

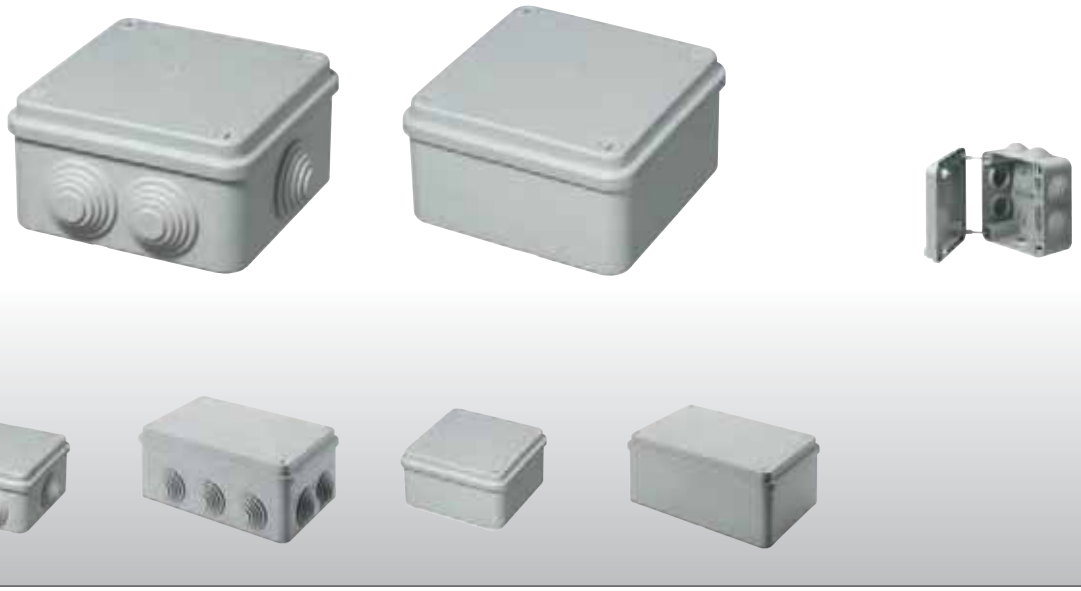
## Junction boxes with stepped glands- IP55

| ITEM | INTERNAL DIMENSIONS mm | HOLE NUMBER | MAX. CONDUIT DIAM. mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC405C4A** | 105x105x55 | 7 | 25 | 1/60 |
| **EC405C5A** | 155x110x70 | 10 | 25 | 1/45 |

## Smooth sided juntion boxes - IP56

| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC415C4A** | 105x105x55 | 1/80 |
| **EC415C5A** | 155x110x70 | 1/42 |

*self-extinguishing*



**EC405C4A** **EC405C5A** **EC415C4A** **EC415C5A**

# QUICK-CLOSING JUNCTION BOXES - 1/4 TURN SCREWS **SERIES 406A/416A**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of self-extinguishing V0 (UL94) ABS.
- Resistance to abnormal heat : up to 960° C (Glow Wire Test according to the Standard IEC 60695-2-11).
- Quick-closing ¼ turn plastic screws.
- High-resistant soft rubber inner gasket.
- Soft stepped glands.
- Possibility of a double insulation with optional caps.
- Bottom suitable to house the brass terminal blocks.
- Single package with protective transparent film.

**IP55**
**IP56**

CE

RED RAL 3000

## Junction boxes with stepped glands- IP55

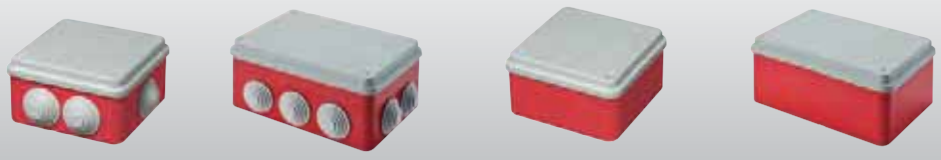
| ITEM | INTERNAL DIMENSIONS mm | HOLE NUMBER | MAX. CONDUIT DIAM. mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC406C4A** | 105x105x55 | 7 | 25 | 1/60 |
| **EC406C5A** | 155x110x70 | 10 | 25 | 1/45 |

## Smooth sided juntion boxes - IP56

| ITEM | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC416C4A** | 105x105x55 | 1/80 |
| **EC416C5A** | 155x110x70 | 1/42 |

*self-extinguishing*





**EC406C4A** **EC406C5A** **EC416C4A** **EC416C5A**

# BACK PLATES **SERIES 450** / DIN RAILS **SERIES 460**

**MAIN TECHNICAL FEATURES BACK PLATES:**

- Made of galvanized steel, with anticorrosive electrolytic treatment.
- Easy fixing thanks to the holes on the bottom box.
- Fixing self-tapping screws included.
- Available also in insulating material.
- Single packaging.

**MAIN TECHNICAL FEATURES DIN RAILS:**

- Made of galvanized steel, with anticorrosive tropicalized treatment.
- Guides in accordance with the Reference standard DIN EN 50022.
- Available with perforated back on request.

## Back plates

| ITEM | | FOR BOX DIMENSIONS | THICKNESS mm | | PACKAGING PIECES |
|---|---|---|---|---|---|
| METAL | INSULANTING | | METAL | INSULANTING | |
| **EC450P6** | **EC451P6** | 190x140 | 1,2 | 4,0 | 1/30 |
| **EC450P7** | **EC451P7** | 240x190 | 1,2 | 4,0 | 1/30 |
| **EC450P8** | **EC451P8** | 300x220 | 1,2 | 4,0 | 1/20 |
| **EC450P9** | **EC451P9** | 380x300 | 1,2 | 4,0 | 1/10 |
| **EC450P10** | **EC451P10** | 460x380 | 1,2 | 4,0 | 1/10 |

## DIN EN 50022 rails for boxes

| ITEM (DIN RAILS) | FOR BOX DIMENSIONS | LENGTH mm | PACKAGING PIECES |
|---|---|---|---|
| **EC460D5** | 150x110 | 150 | 10 |
| **EC460D6** | 190x140 | 180 | 10 |
| **EC460D7** | 240x190 | 230 | 10 |
| **EC460D8** | 300x220 | 290 | 10 |
| **EC460D9** | 380x300 | 370 | 10 |
| **EC460D10** | 460x380 | 450 | 10 |

## DIN EN 50022 rails

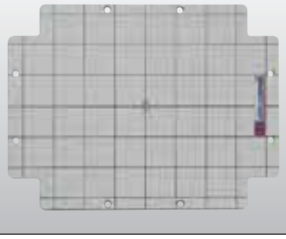
| ITEM | LENGTH mt | DESCRIPTION TYPE | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC460** | 2 | BLANK DIN RAIL | 35x7,5x1 | 20 |
| **EC460F** | 2 | PERFORATED DIN RAIL | 35x7,5x1 | 20 |
| **EC46015** | 2 | BLANK DIN RAIL | 35x15x1,5 | 10 |

## Spare screws for boxes series 400

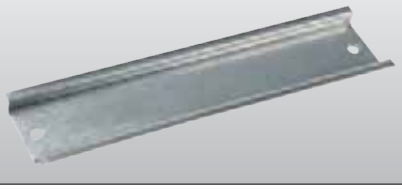
| ITEM | DESCRIZIONE | PACKAGING PIECES |
|---|---|---|
| **EC400KV1** | Kit of 10 inox screws for boxes C4-C5-C6 | 10 kit |
| **EC400KV2** | Kit of 10 plastic screws for boxes C7 | 10 kit |
| **EC400KV3** | Kit of 10 plastic screws for boxes C8-C9-10 | 10 kit |



**EC450P**



**EC451P**



**EC460D**



**EC400KV2**

# PLASTIC STEPPED GLANDS **SERIES 470** / CAPS **SERIES TFLEX** / TERMINAL BLOCKS **SERIES 890**

**MAIN TECHNICAL FEATURES:**

- Stepped glands made of soft self-extinguishing plastic material.• Up to 6 concentric circles.
- Insulation caps made of transparent polyethylene. • They assure a double insulation to in the boxes.
- Series 890: made in self-extinguishing PA6.6.

GREY RAL 7035

## Soft technopolymer stepped glands

| ITEM | MAX. CONDUIT DIAMETER mm | Ø HOLE mm | PACKAGING PIECES |
|---|---|---|---|
| **EC47020** | 20 | 23 | 100/800 |
| **EC47025** | 25 | 29 | 100/600 |
| **EC47032** | 32 | 37 | 100/500 |
| **EC47040** | 40 | 48 | 100/300 |

## Glands for direct inlet made of soft technopolymer Ø 25 mm

| ITEM | MIN. - MAX DIAM. mm | Ø HOLE mm | PACKAGING PIECES |
|---|---|---|---|
| **EC47025S** | 2,5 - 20 | 29 | 100/600 |

## Screw caps for double insulation

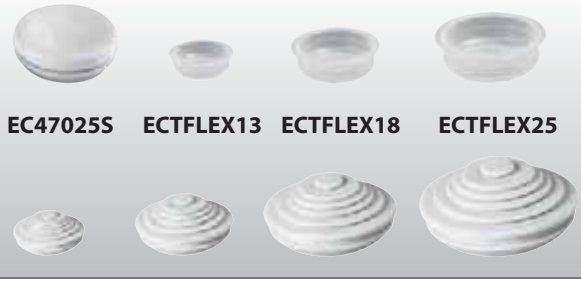
| ITEM | FOR BOX TYPE | PACKAGING PIECES |
|---|---|---|
| **ECTFLEX13** | C1-C2-C3-C4 | 100/2000 |
| **ECTFLEX18** | C5-C6-C7-C8 | 100/2000 |
| **ECTFLEX25** | C9-C10 | 100/1500 |

## Insulated brass terminal blocks to be set on DIN RAIL EN 50022

| ITEM | HOLES AND SECTION $mm^2$ | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC890050** | Section 1x35 - 6x16 | | 10/340 |
| **EC890051** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890052** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890053** | Section 1x35 - 6x16 | | 10/340 |
| **EC890054** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890055** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890056** | Section 1x35 - 6x16 | | 10/340 |
| **EC890057** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890058** | Section 1x35 - 2x25 - 12x16 | | 10/240 |

## Wall fixing bracket plastic to keep IP-protection and double insulation

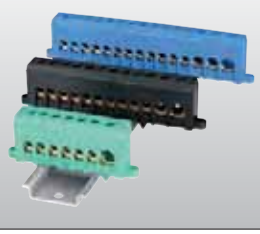
| ITEM | USE | EXTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC600SF** | for all boxes series 400 / 410 / 420 / 430 / 440 / 480 / 490 dimensions C6/C7/C8/C9/C10 | 20x13x59 | 50 |



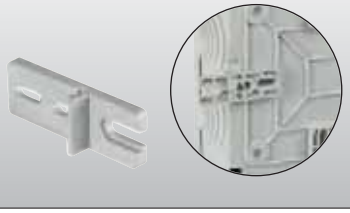
**EC47025S** **ECTFLEX13** **ECTFLEX18** **ECTFLEX25**



**EC47020** **EC47025** **EC47032** **EC47040**



**EC890**



**EC600SF**

# WALL MOUNTING ALUMINIUM BOXES **SERIES 485**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of aluminium alloy EN AB 46100 according to the Reference Standard UNI EN 1676.
- Boxes painted with epoxy resins.
- Polyurethane gaskets, stainless steel AISI 304 screws.
- Complete with earth connections, wall brackets incorporated in the bottom.
- Operating and installation range temperature : min. -40°C, max +125 °C.
- Impact resistance : IK07 (impact up to 2J).
- Suitable to house back plates and DIN rails EN 50022.
- Single package with protective transparent film.

**IP66**

GREY RAL 9006

## Smooth sided aluminium boxes

| ITEM | INTERNAL DIMENSIONS W x H x D mm | EXTERNAL DIMENSIONS W x H x D mm | PACKAGING PIECES |
|---|---|---|---|
| **EC485C1** | 90x90x53 | 100x100x59 | 1/32 |
| **EC485C2** | 128x103x55 | 140x115x60 | 1/24 |
| **EC485C3** | 154x129x58 | 166x142x64 | 1/16 |
| **EC485C4** | 178x155x74 | 192x168x80 | 1/18 |
| **EC485C5** | 239x202x85 | 253x217x93 | 1/8 |
| **EC485C6** | 294x244x114 | 314x264x122 | 1/2 |
| * **EC485C7** | 392x298x144 | 410x315x153 | 1/2 |

## Back plates for aluminium boxes

| ITEM | FOR BOX DIMENSIONS mm | PLATE DIMENSIONS mm | HOLE CENTRE DISTANCE mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC455P2** | 140x115 | 122x97 | 107x66 | 1/30 |
| **EC455P3** | 166x142 | 147x123 | 121x98 | 1/30 |
| **EC455P4** | 192x168 | 165x124 | 153x112 | 1/30 |
| **EC455P5** | 253x217 | 206x172 | 188x153 | 1/20 |
| **EC455P6** | 314x264 | 254x210 | 238x198 | 1/10 |
| **EC455P7** | 410x315 | 349x260 | 333x248 | 1/10 |

## DIN rails EN 50022 for aluminium boxes

| ITEM | FOR BOX DIMENSIONS mm | LENGTH mm | PACKAGING PIECES |
|---|---|---|---|
| **EC465D1** | 100x100 | 87 | 10 |
| **EC465D2** | 140x115 | 125 | 10 |
| **EC465D3** | 166x142 | 150 | 10 |
| **EC465D4** | 192x168 | 170 | 10 |
| **EC465D5** | 253x217 | 235 | 10 |
| **EC465D6** | 314x264 | 285 | 10 |
| **EC465D7** | 410x315 | 345 | 10 |

*** IP55**



# WALL MOUNTING WARNING LIGHTS AND SELF-SUPPORTING COVERS
## SERIES 320/316

CE

**MAIN TECHNICAL FEATURES:**
- Cover made of transparent or coloured polycarbonate
- Ready to house ø 20 mm conduits.
- Lamp holder type E14 included.
- Lamp up to 25 Watt (not included).

WHITE RAL 9001

GREY RAL 7035

BLACK RAL 7021

**IP55**

## Wall mounting warning lights

| ITEM | COLOUR | EXTERNAL DIMENSIONS W x H x D mm | PACKAGING PIECES |
|---|---|---|---|
| **EC320B** | BLUE | 67x83x91 | 1/30 |
| **EC320R** | RED | 67x83x91 | 1/30 |
| **EC320V** | GREEN | 67x83x91 | 1/30 |
| **EC320G** | YELLOW | 67x83x91 | 1/30 |
| **EC320T** | TRANSPARENT | 67x83x91 | 1/30 |

## Self-supporting protecting cover for devices GW system, like MAGIC or similar

| ITEM | DESCRIPTION | COLOUR | EXTERNAL DIMENSIONS W x H x D mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC316B** | Self-supporting 3 gang cover | WHITE RAL 9001 | 130x85x24 | 1/40 |
| **EC316G** | Self-supporting 3 gang cover | GREY RAL 7035 | 130x85x24 | 1/40 |
| **EC316N** | Self-supporting 3 gang cover | BLACK RAL 7021 | 130x85x24 | 1/40 |









**EC320B** **EC320R** **EC320V** **EC320G** **EC320T** **EC316B** **EC316G** **EC316N**

BOX system

## WALL BOXES FOR ELECTRICAL DEVICES **SERIES 300/310**

**MAIN TECHNICAL FEATURES:**

- Suitable for electrical devices Magic, GW System or similar.
- Ready to house ø 20 mm conduits.
- Stepped glands made of soft plastic material .
- IP55 with protection door , with soft transparent heart.

CE

**IP40**
**IP55**

GREY RAL 7035

| ITEM | DEVICES NR. | IP | EXTERNAL DIMENSIONS W x H x D mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC300A1** | 1 | 40 | 67x83x51 | 1/60 |
| **EC300A2** | 2 | 40 | 67x83x51 | 1/60 |
| **EC300A3** | 3 | 40 | 100x83x51 | 1/40 |
| **EC300A4** | 4 | 40 | 122x83x51 | 1/30 |
| **EC300A6** | 6 | 40 | 177x83x51 | 1/20 |
| **EC300A4V** | 4 (2+2 Vertical) | 40 | 67x180x51 | 1/25 |
| **EC300A6V** | 6 (3+3 Vertical) | 40 | 100x180x51 | 1/18 |
| **EC310A1** | 1 | 55 | 67x83x59 | 1/50 |
| **EC310A2** | 2 | 55 | 67x83x59 | 1/50 |
| **EC310A3** | 3 | 55 | 100x83x59 | 1/35 |
| **EC310A4** | 4 | 55 | 122x83x59 | 1/25 |
| **EC310A4V** | 4 (2+2 Vertical) | 55 | 67x180x59 | 1/20 |
| **EC310A6V** | 6 (3+3 Vertical) | 55 | 100x180x59 | 1/15 |



**EC300A1** **EC300A2** **EC300A3** **EC300A4** **EC300A6** **EC300A4V** **EC300A6V**



**EC310A1** **EC310A2** **EC310A3** **EC310A4** **EC310A4V** **EC310A6V**

BOX system

# BOARDS WITH ALVEOLAR OR SMOOTH REVERSIBLE DOOR **SERIES 650**

**MAIN TECHNICAL FEATURES:**

- Bottom and lid made of thermoresistant halogen free technopolymer .
- Double-structured reversible door: alveolar or smooth
- Shock resistance IK 08 (shocks up to 5J).
- Back and side pre-cuttings for an easy opening and conduit inlet.
- The bottom has integrated supports to house the back plates or the DIN rails.
- Cover fixing screws made of anticorrosive galvanized steel .
- Screw caps for double insulation included.

**IP41**

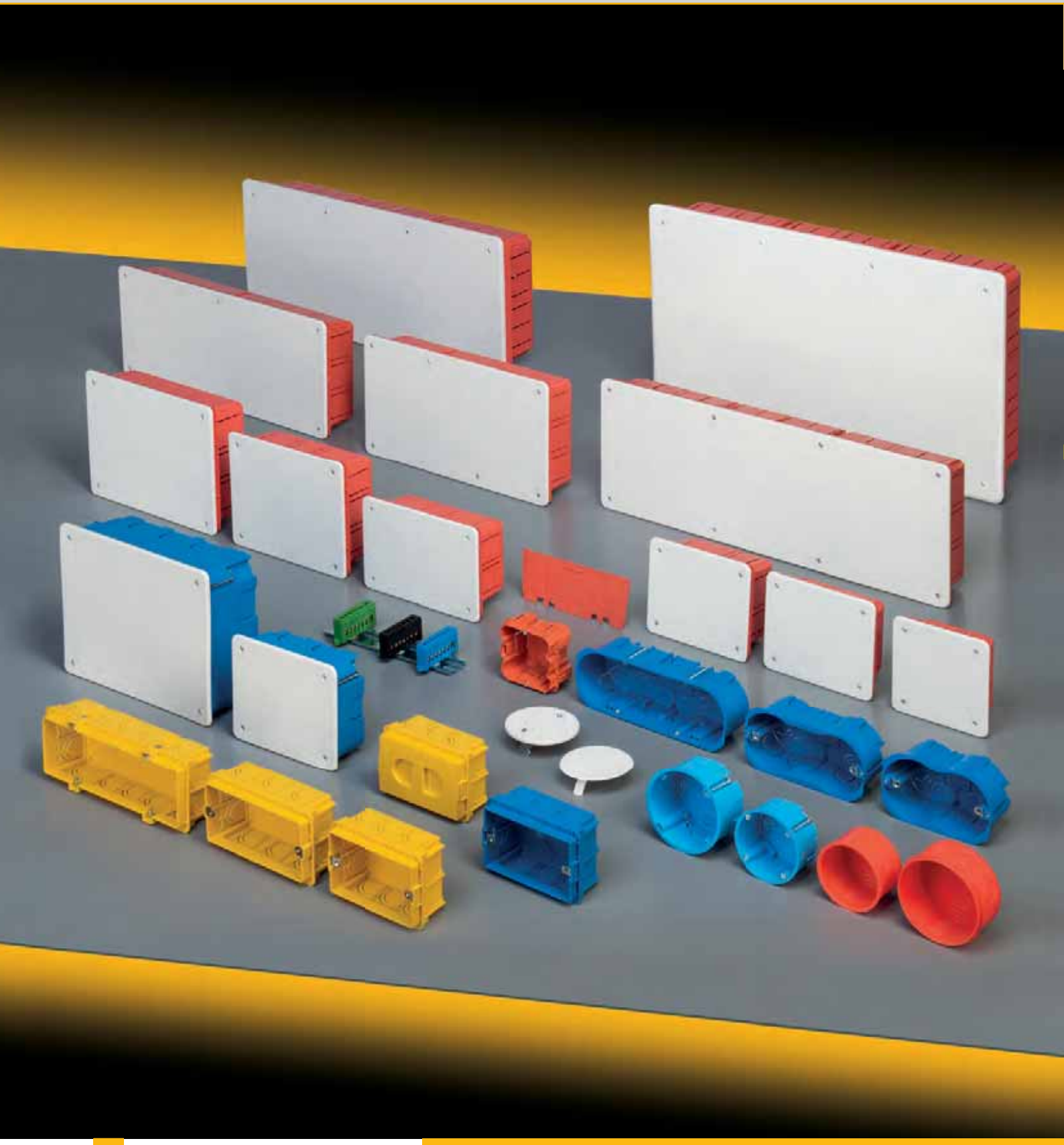
CE

GREY RAL 7035

| ITEM | EXTERNAL DIMENSIONS W x H x D mm | KNOCKOUTS EVERY SIDE Ø | KNOCKOUTS EVERY HEAD Ø | PACKAGING PIECES |
|---|---|---|---|---|
| **EC65001** | 200x150x40 | 3x20 mm | 3x20 mm | 1/20 |
| **EC65002** | 200x150x60 | 3x20 mm | 3x20 mm | 1/40 |
| **EC65003** | 200x150x80 | 3x20 mm | 3x20 mm | 1/28 |
| **EC65004** | 300x200x40 | 5x25 mm | 3x25 mm | 1/30 |
| **EC65005** | 300x200x60 | 5x25 mm | 3x25 mm | 1/16 |
| **EC65006** | 300x200x80 | 5x25 mm | 3x25 mm | 1/12 |
| **EC65007** | 300x200x120 | 5x25 mm | 3x25 mm | 1/8 |
| **EC65008** | 400x300x60 | 6x25 mm | 5x25 mm | 1/8 |
| **EC65009** | 400x300x80 | 6x25 mm | 5x25 mm | 1/6 |
| **EC65010** | 400x300x120 | 6x25 mm | 5x25 mm | 1/4 |



# FLUSH MOUNTING JUNCTION BOXES



4

## MAIN TECHNICAL FEATURES

Material: shock resistant halogen free technopolymer .
Standard colours: orange, yellow or blue for boxes, white RAL 9001 for covers.
Shock Resistance IK08 (up to 6J).
Resistance to abnormal heat (Glow Wire Test): 650° C (flush mounting).
Resistance to abnormal heat (Glow Wire Test): 850° C (dry lining walls).
Installation temperature: min. -15°C, max +60°C.
Single or multiple package with protective transparent film, packed in strong cardboard boxes.
Reference Standard: EN 60670-1:2005, EN 60670-22:2006.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Flush mounting junction boxes with cover
Series 350
page 308



Modular boxes big internal volume for 3, 4, 6/7 devices
Series 371/372
page 311



Round boxes
Series 370/371
page 312



Dry lining boxes for 3, 4, 6/7 devices
Series 340
page 313



Dry lining junction boxes

Series 340
page 314

# MAIN TECHNICAL FEATURES

The functional box design assures a fast and efficient installation

High-resistant white cover, easily paintable



Pre-cuttings for a quick and easy conduit inlet

By the separator it is possible to divide the box into separate sections for different circuits

Bottom suitable for fixing the insulated brass terminal blocks

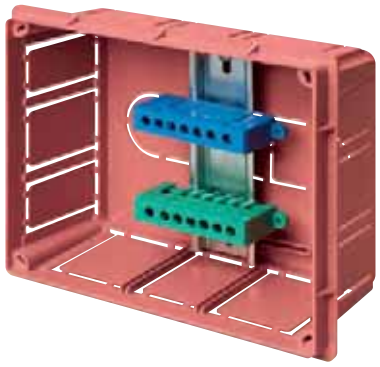
Galvanized steel screws for a stable and long cover fixing

ELETTROCANALI flush mounting junction boxes are the ideal solution for any derivation or connection in all the electrical systems made in brick or dry-lining walls both in civil and industrial applications.
The big inner volume permits to carry out the derivations of the different circuits in an adequate space, while the internal separators permit to divide the cables of the different electrical systems and to keep them separated, eliminating in this way the risk of interferences.

The junction boxes are available in 13 different dimensions fulfilling any installation needs and perfectly fitting in with any environment.
The guides in the box bottom are designed for a direct fixing of the brass terminal blocks, the Din rails EN50022 and the devices for the domotic systems.
Besides the standard device boxes, the range comprises the big volume boxes, which are particularly suitable for the domotic devices, bigger than the standard ones. They permit therefore to meet the requirements of the new distribution systems.
The protection lids are practical, because they protect the boxes and the conduits during the building and painting works.
The high mechanical resistance assures the max. dimensional stability in any installation type.
The dry-lining boxes are suitable for inflammable walls thanks to their resistance to abnormal heat up to 850° C (Glow Wire Test according to the Standard IEC 60695-2-11).

# MAIN TECHNICAL FEATURES

Quick cabling and installation thanks to the equijoint plates



The DIN rails EN50022 can be fixed directly to the guides in the box bottom

The boxes Series 37 are ready to fix the matching spacers



The boxes can be installed in groups, whether vertically or horizontally installed. Thanks to the spacers the boxes are perfectly aligned

The boxes series 37 have matchable bottoms, with a thickness of only 10cm





The protection lids protect the boxes during the building and painting works

The flush mounting junction boxes and the modular boxes are made of shock resistant technopolymer on polystyrene base, installation temperature ranging from -15°C e +60°C and a resistance to abnormal heat up to 650° C (Glow Wire Test).

The dry-lining boxes are made of technopolymer with the same installation temperature range but with a higher resistance to abnormal heat up to 850° C, making them suitable for inflammable walls.
The screw seats permit to fix the box cover absolutely horizontally, although the box is not perfectly flush-mounted.
The device modular boxes have threaded metallic rings for a correct fixing of the frames, firmly secured to the boxes through a special system, preventing the ring from coming out and the thread from stripping.

# mounting examples



# FLUSH MOUNTING JUNCTION BOXES



## FLUSH MOUNTING JUNCTION BOX WITH LID **SERIES 350**

**MAIN TECHNICAL FEATURES:**

- Bottom made of shock resistant technopolymer, standard colour orange, blue on request.
- White (RAL 9001) cover with high impact resistance.
- Side pre-cuttings for a quick and easy conduit inlet.
- Cover fixing screws made of anticorrosive galvanized steel .
- Separator can be set in the box bottom with a simple click, in order to divide create different sections.
- Single package with protective transparent film.

**IP40**

WHITE RAL 9001 (COVER)

| ITEM | INTERNAL DIMENSIONS mm | PREPARATION FOR SECTIONS/RAILS DIN | PACKAGING PIECES |
|---|---|---|---|
| **EC350C1** | 92x92x45 | - | 1/240 |
| **EC350C2** | 120x100x50 | - | 1/150 |
| **EC350C3** | 120x100x70 | - | 1/100 |
| **EC350C4** | 152x100x70 | 3 / - | 1/80 |
| **EC350C5** | 160x130x70 | 3 / - | 1/60 |
| **EC350C6** | 196x152x70 | 2 / - | 1/40 |
| **EC350C7** | 294x152x70 | 3 / - | 1/28 |
| **EC350C8** | 392x152x70 | 4 / - | 1/20 |
| **EC350C9** | 480x160x70 | 3 / - | 1/18 |
| **EC350C10** | 520x200x90 | 3 / 3 | 1/8 |
| ***EC350C11** | 520x295x90 | 6 / 3 | 1/6 |

*Internal separators included

| ITEM | DESCRIPTION | PACKAGING PIECES |
|---|---|---|
| **EC3500S** | Internal separator for C4-C5-C6-C7-C8-C9 | 10/100 |
| **EC3510S** | Internal separator for C10-C11 | 10 |
| **EC460C10** | Rail DIN for C10-C11 (8 modules) | 10 |





**EC350C1** **EC350C2** **EC350C3** **EC350C4** **EC350C5** **EC350C6** **EC350C7**



**EC350C8** **EC350C9** **EC350C10** **EC350C11**

# FLUSH MOUNTING JUNCTION BOX WITH COVER AND PROTECTION LID

**MAIN TECHNICAL FEATURES:**

- Bottom made of shock resistant technopolymer, standard colour orange, blue on request.
- White (RAL 9001) cover with high impact resistance.
- Rigid cardboard protection lid.
- Side pre-cuttings for a quick and easy conduit inlet.
- Cover fixing screws made of anticorrosive galvanized steel .
- Separator can be set in the box bottom with a simple click, in order to divide create different sections.
- Single package with protective transparent film.

**IP40**

CE

WHITE RAL 9001 (COVER)

| ITEM | INTERNAL DIMENSIONS mm | PREPARATION FOR SECTIONS/RAILS DIN | PACKAGING PIECES |
|---|---|---|---|
| **EC350C1P** | 92x92x45 | - | 1/120 |
| **EC350C2P** | 120x100x50 | - | 1/90 |
| **EC350C3P** | 120x100x70 | - | 1/70 |
| **EC350C4P** | 152x100x70 | 3 | 1/80 |
| **EC350C5P** | 160x130x70 | 3 | 1/60 |
| **EC350C6P** | 196x152x70 | 2 | 1/40 |
| **EC350C7P** | 294x152x70 | 3 | 1/28 |
| **EC350C8P** | 392x152x70 | 4 | 1/20 |
| **EC350C9P** | 480x160x70 | 3 | 1/18 |

| ITEM | DESCRIPTION | PACKAGING PIECES |
|---|---|---|
| | | 10/100 |
| **EC3500S** | Internal separator for C4-C5-C6-C7-C8-C9 | |



## SPARE COVERS FOR FLUSH MOUNTING BOXES **SERIES 351**

**MAIN TECHNICAL FEATURES:**

- White (RAL 9001) cover with high impact resistance.
- Cover fixing screws made of anticorrosive galvanized steel .
- Single package with protective transparent film.

CE

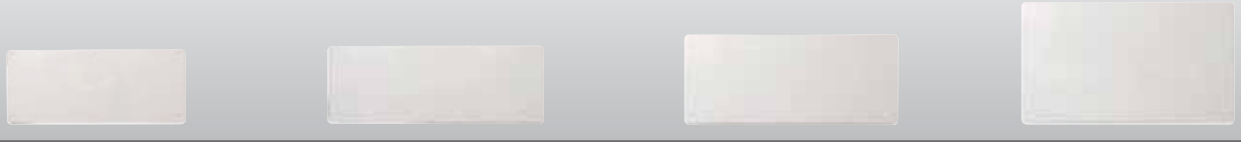
WHITE RAL 9001

| ITEM | BOX DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|
| **EC351C1** | C1 - 92x92 | 1/200 |
| **EC351C2** | C2/C3 - 120x100 | 1/150 |
| **EC351C4** | C4 - 152x100 | 1/120 |
| **EC351C5** | C5 - 160x130 | 1/100 |
| **EC351C6** | C6 - 196x152 | 1/50 |
| **EC351C7** | C7 - 294x152 | 1/50 |
| **EC351C8** | C8 - 392x152 | 1/50 |
| **EC351C9** | C9 - 480x160 | 1/30 |
| **EC351C10** | C10 - 520x200 | 1/20 |
| **EC351C11** | C11 - 520x295 | 1/10 |





**EC351C1** **EC351C3** **EC351C4** **EC351C5** **EC351C6** **EC351C7**



**EC351C8** **EC351C9** **EC351C10** **EC351C11**

## DEVICE-MODULAR BOXES - BIG INNER VOLUME **SERIES 371/373**

**MAIN TECHNICAL FEATURES:**

- Boxes with big inner volume: 30% more than the volume of the standard modular boxes.
- Bottom made of shock resistant technopolymer, standard colour yellow, blue on request.
- Suitable for 3,4, and 6/7 module devices.
- Product complying with the Standards: EN 60670-1:2005 + A1:2013, CEI 23-74.
- Side pre-cuttings for an easy conduit inlet, up to 25mm.
- Threaded metallic rings for a correct frame fixing.
- Protection lids can be set with a simple click.
- Spacers for a correct installation in rows of modular boxes, vertically or horizontally installed.

CE

## Devices modular boxes - big inner volume

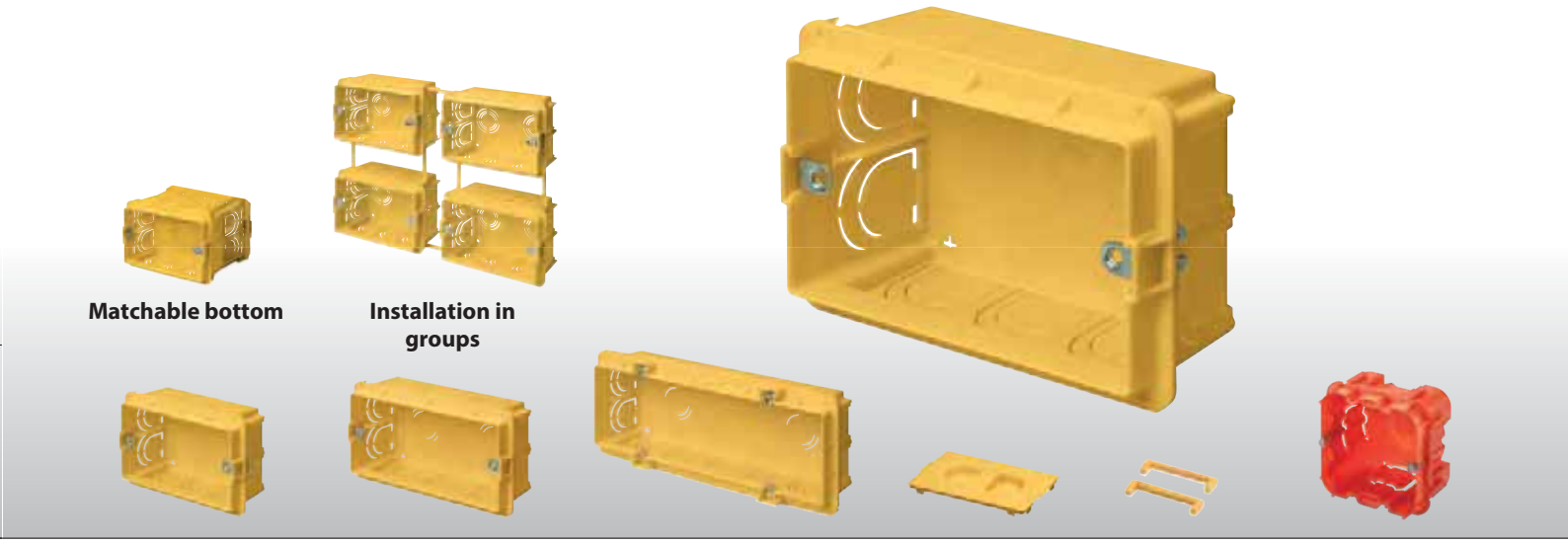
| ITEM | HOLE CENTRE DISTANCE mm | MAX DEVICE NUMBER | INTERNAL DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC37100** | 83,5 | 3 | 95x70x48 | 10/400 |
| **EC37104** | 108,5 | 4 | 118x70x48 | 10/240 |
| **EC37106** | 100 | 6/7 | 178x70x48 | 10/150 |

## Accessories – protection lids

| ITEM | DESCRIPTION | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|
| **EC37110** | Protection lid 3 modules | 97x60 | 10/400 |
| **EC37111** | Spacer for EC37100/104/106 | 40 | 20/200 |

## 60x60 standard modular box for device

| ITEM | HOLE CENTRE DISTANCE mm | MAX DEVICE NUMBER | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC37301** | 60 | 2 | 63x63x40 | 300 |



**Matchable bottom**

**Installation in groups**

**EC37100** **EC37104** **EC37106** **EC37110** **EC37111** **EC37301**

## FLUSH MOUNTING ROUND BOXES **SERIES 370**

**MAIN TECHNICAL FEATURES:**

- Made of shock resistant technopolymer colour orange.
- Resistance to abnormal heat: up to 650°C (Glow Wire Test Standard IEC 60695-2-11).
- Side pre-cuttings for an easy conduit inlet.
- Inner box edge with cover sealing system.
- Cover fixing screws made of anticorrosive galvanized steel .

CE

WHITE RAL 9001
(COVER)

| ITEM | DESCRIPTION<br>DIMENSIONS | PACKAGING<br>PIECES |
|---|---|---|
| **EC37065** | Round junction box Ø 60 x 40 mm | 10/600 |
| **EC37085** | Round junction box Ø 80 x 40 mm | 10/400 |
| **EC37160** | Snap-on cover Ø 60 mm | 50/2000 |
| **EC37180** | Snap-on cover Ø 80 mm | 50/1200 |
| **EC37165** | Screw cover with brackets Ø 60 mm | 50/800 |
| **EC37185** | Screw cover with brackets Ø 80 mm | 50/600 |



**EC37065**



**EC37085**



**EC37160**



**EC37180**



**EC37165**



**EC37185**

# DRY LINING INSTALLATION BOXES (HOLLOW WALLS) **SERIES 340**

**MAIN TECHNICAL FEATURES:**

- Made of shock resistance technopolymer colour blue.
- Resistance to abnormal heat: up to 850°C (Glow Wire Test Standard: IEC 60695-2-11).
- Suitable for installation of 3, 4, 6/7 module devices or devices with hole centre distance 60 mm.
- Product complying with the Standard EN 60670-1:2005.
- Box bottom with installation drilling holes 68 mm .
- Anticorrosive galvanized steel fixing screws and rings.
- Threaded metallic rings for a better fixing of the 3 and 4 module frames.
- Hollow wall installation (plasterboard or wooden wall).

CE

## Dry lining installation boxes-modular devices

| ITEM | DESCRIPTION<br>DIMENSIONS | PACKAGING<br>PIECES |
|---|---|---|
| **EC34003** | Modular box - hole centre distance 83,5 mm - 3 devices | 10/300 |
| **EC34004** | Modular box - hole centre distance 108,5 mm - 4 devices | 10/230 |
| **EC34006** | Modular box - hole centre distance 100 mm - 6/7 devices | 10/160 |
| **EC34040** | Modular box - hole centre distance 60 mm - Ø 68x40 mm | 10/550 |



**EC34003**



**EC34004**



**EC34006**



**EC34040**

## DRY LINING INSTALLATION BOXES (HOLLOW WALLS) **SERIES 340**

**MAIN TECHNICAL FEATURES:**

- Made of shock resistance technopolymer colour blue.
- Resistance to abnormal heat: up to 850°C (Glow Wire Test Standard: IEC 60695-2-11).
- Product complying with the Standard: EN 60670-1:2005, EN 60670-22:2006.
- Box bottom with installation drilling holes 68 mm .
- Anticorrosive galvanized steel fixing screws and rings.
- Hollow wall installation (plasterboard or wooden wall).

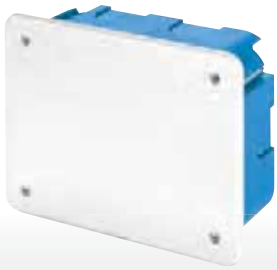
CE

## Dry lining installation junction boxes

| ITEM | DESCRIPTION<br>INTERNAL DIMENSIONS mm | PACKAGING<br>PIECES |
|---|---|---|
| **EC340105** | Junction box with cover dim. 120x100x50<br>Screw cover | 1/150 |
| **EC340106** | Junction box with cover dim. 200x150x75<br>Screw cover | 1/40 |
| **EC34045** | Round junction box Ø 80x45 mm<br>Cover not supplied | 10/350 |

## Spare covers for dry lining installation junction boxes

| ITEM | DESCRIPTION<br>DIMENSIONS | PACKAGING<br>PIECES |
|---|---|---|
| **EC351C3** | Spare cover dim. 120x100 for 340105 | 1/150 |
| **EC351C6** | Spare cover dim. 200x150 for 340106 | 1/50 |
| **EC37180** | Snap-on cover Ø 80 mm for 34045 | 50/1200 |
| **EC37185** | Screw cover with brackets Ø 80 mm for 34045 | 50/600 |



**EC340105**



**EC340106**



**EC34045**



**EC37180**



**EC37185**

# INSULATED BRASS TERMINAL BLOCKS AND DIN RAILS EN 50022 **SERIES 890/460**

**MAIN TECHNICAL FEATURES:**

- Insulated brass terminal blocks per earth, neutral and phase connection.
- Insulated brass terminal to be set with a simple click on DIN EN 50022 rail or directly in the bottom boxes.
- Supplied with mounted galvanized steel screws.
- Series 890: made in self-extinguishing PA6.6.
- Anticorrosive galvanized steel din rails DIN EN 50022 .
- DIN RAIL in perforated version available on request.
- To be installed in the bottom guides of the flush mounting boxes in horizontal or vertical position.

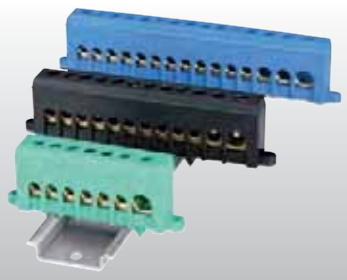
CE

## Insulated brass terminal blocks to be set on DIN RAIL EN 50022

| ITEM | HOLES AND SECTION mm² | COLOUR | PACKAGING PIECES |
|---|---|---|---|
| **EC890050** | Section 1x35 - 6x16 | | 10/340 |
| **EC890051** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890052** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890053** | Section 1x35 - 6x16 | | 10/340 |
| **EC890054** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890055** | Section 1x35 - 2x25 - 12x16 | | 10/240 |
| **EC890056** | Section 1x35 - 6x16 | | 10/340 |
| **EC890057** | Section 1x35 - 1x25 - 10x16 | | 10/320 |
| **EC890058** | Section 1x35 - 2x25 - 12x16 | | 10/240 |

## DIN EN 50022 RAILS

| ITEM | LENGTH mt | DESCRIPTION TYPE | DIMENSIONS mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC460** | 2 | BLANK DIN RAIL | 35x7,5x1 | 20 |
| **EC460F** | 2 | PERFORATED DIN | 35x7,5x1 | 20 |
| **EC46015** | 2 | BLANK DIN RAIL | 35x15x1,5 | 10 |



**EC890**



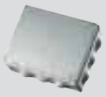
**EC460D**

# CHOICE TABLE FOR WALL MOUNTING JUNCTION BOXES

## IP44

| MODEL | DESCRIPTION | DIMENSIONS mm Ø65x35 | Ø80x40 | 80x80x40 |
|---|---|---|---|---|
|  | THERMORE-SISTANT GWT 650° C | EC400C1 | EC400C2 | EC400C3<br>EC410C3 |
|  | SELF-EXTIN-GUISHING GWT 960° C | EC400C1A | EC400C2A | EC400C3A |

## IP55

| MODEL | DESCRIPTION | DIMENSIONS mm 100x100x50 | 120x80x50 | 150x110x70 | 190x140x70 | 240x190x90 | 300x220x120 | 380x300x120 | 460x380x120 |
|---|---|---|---|---|---|---|---|---|---|
|  | THERMORESISTANT GWT 650° C | EC400C4 | EC400C4R | EC400C5 | EC400C6 | EC400C7 | EC400C8 | EC400C9 | EC400C10 |
| | SELF-EXTINGUISHING GTW 960° C | EC400C4A | EC400C4RA | EC400C5A | EC400C6A | EC400C7A | EC400C8A | EC400C9A | EC400C10A |

## IP56

| MODEL | DESCRIPTION | DIMENSIONS mm 100x100x50 | 120x80x50 | 150x110x70 | 190x140x70 | 240x190x90 | 300x220x120 | 380x300x120 | 460x380x120 |
|---|---|---|---|---|---|---|---|---|---|
|  | THERMORESISTANT GWT 650° C | EC410C4 | EC410C4R | EC410C5 | EC410C6 | EC410C7 | EC410C8 | EC410C9 | EC410C10 |
| | SELF-EXTINGUISHING GTW 960° C | EC410C4A | EC410C4RA | EC410C5A | EC410C6A | EC410C7A | EC410C8A | EC410C9A | EC410C10A |
|  | THERMORESISTANT GWT 650° C | - | - | EC420C5 | EC420C6 | EC420C7 | EC420C8 | EC420C9 | EC420C10 |
|  | POLYCARBONATE GWT 650° C | EC480C4 | EC480C4R | EC480C5 | EC480C6 | EC480C7 | EC480C8 | EC480C9 | EC480C10 |
| | | | | 150x110x140 | 190x140x140 | 240x190x160 | 300x220x180 | 380x300x180 | |
|  | THERMORESISTANT GWT 650° C | - | - | EC430C5 | EC430C6 | EC430C7 | EC430C8 | EC430C9 | - |
|  | THERMORESISTANT GWT 650° C | - | - | EC440C5 | EC440C6 | EC440C7 | EC440C8 | EC440C9 | - |
|  | POLYCARBONATE GWT 650° C | - | - | EC490C5 | EC490C6 | EC490C7 | EC490C8 | EC490C9 | - |
|  | METAL BACK PLATE | - | - | - | EC450P6 | EC450P7 | EC450P8 | EC450P9 | EC450P10 |
| | INSULANTING BACK PLATE | - | - | - | EC451P6 | EC451P7 | EC451P8 | EC451P9 | EC451P10 |
|  | DIN RAIL EN 50022 | - | - | EC460D5 | EC460D6 | EC460D7 | EC460D8 | EC460D9 | EC460D10 |

## IP66

| MODEL | DESCRIPTION | DIMENSIONS mm 90x90x53 | 128x103x55 | 154x129x58 | 178x155x74 | 239x202x85 | 294x244x114 | 392x298x144 | |
|---|---|---|---|---|---|---|---|---|---|
|  | ALUMINIUM BOXES | EC485C1 | EC485C2 | EC485C3 | EC485C4 | EC485C5 | EC485C6 | EC485C7 (IP55) | - |
|  | METAL BACK PLATE | - | EC455P2 | EC455P3 | EC455P4 | EC455P5 | EC455P6 | EC455P7 | - |
|  | DIN RAIL EN 50022 | EC465D1 | EC465D2 | EC465D3 | EC465D4 | EC465D5 | EC465D6 | EC465D7 | - |

# CHOICE TABLE FOR WALL MOUNTING JUNCTION BOXES

IP55

| MODEL | DESCRIPTION | DIMENSIONS mm 105x105x55 | 155x110x70 |
|---|---|---|---|
|  | THERMORESISTANT JUNCTION BOXES WITH CABLE DIRECT INLET - GWT 650° C | EC401C4 | EC401C5 |
|  | THERMORESISTANT JUNCTION BOXES WITH STEPPED GLANDS GWT 650° C | EC405C4 | EC405C5 |
| | SEFL-EXTINGUISHING JUNCTION BOXES WITH STEPPED GLANDS - GWT 960° C | EC405C4A | EC405C5A |
|  | SEFL-EXTINGUISHING JUNCTION BOXES WITH STEPPED GLANDS GWT 960° C | EC406C4A | EC406C5A |

IP56

| MODEL | DESCRIPTION | 105x105x55 | 155x110x70 |
|---|---|---|---|
|  | THERMORESISTAN GWT 650° C | EC415C4 | EC415C5 |
| | SEFL-EXTINGUISHING GWT 960° C | EC415C4A | EC415C5A |
|  | SEFL-EXTINGUISHING GWT 960° C | EC416C4A | EC416C5A |

# CHOICE TABLE FOR DEVICE WALL BOXES

BOX system

| MODEL | DESCRIPTION | DEVICE NR. 1 DEVICE | 2 DEVICES | 3 DEVICES | 4 DEVICES | 6 DEVICES | 4 DEVICES (2+2 VERT.) | 6 DEVICES (3+3 VERT.) |
|---|---|---|---|---|---|---|---|---|
|  | BOXES IP40 | EC300A1 | EC300A2 | EC300A3 | EC300A4 | EC300A6 | EC300A4V | EC300A6V |
|  | BOXES IP55 | EC310A1 | EC310A2 | EC310A3 | EC310A4 | - | EC310A4V | EC310A6V |

# CHOICE TABLE FOR FLUSH MOUNTING JUNCTION BOXES

| MODEL | DESCRIPTION | DIMENSIONS mm 92x92x45 | 120x100x50 | 120x100x70 | 152x100x70 | 160x130x70 | 196x152x70 | 294x152x70 | 392x152x70 | 480x160x70 | 520x200x90 | 520x295x90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | BOXES series 350 | EC350C1 | EC350C2 | EC350C3 | EC350C4 | EC350C5 | EC350C6 | EC350C7 | EC350C8 | EC350C9 | EC350C10 | EC350C11 |
|  | COVERS series 351 | EC351C1 | EC351C3 | EC351C3 | EC351C4 | EC351C5 | EC351C6 | EC351C7 | EC351C8 | EC351C9 | EC351C10 | EC351C11 |

# RIGID,CORRUGATED, SPIRAL FLEXIBLE CONDUITS



# 1

## MAIN TECHNICAL FEATURES

Material: shock resistant technopolymer on rigid PVC base, PP or halogen free technopolymer.
Installation temperature : min. -5°/ -25°C, max +60°/ +90°C.
Insulation resistance:> 100 MΩ to 500 V ~ for 1 minute.
Dielectric strength:> 2000 V ~ 50 Hz for 15 minutes.
Standard colours: light grey RAL7035, orange RAL2004, dark grey RAL7030 RAL7037 or black RAL 9005.
Packed in coils on pallets, wrapped with plastic film or in bundles laying in wooden frames.
Reference Standards:EN 61386-1, EN 61386-21-22-23.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Rigid conduit systems with and without sleeve class. 3321/2221 Series TG
page 322




Rigid halogen free conduit systems with and without sleeve class. 3342/2342 Series TG
page 324



Pliable corrugated conduit systems class. 3321/2221 Series TC15-TC12
page 325




Pliable corrugated conduit systems class. 3341 (-25° C) Series TC18
page 327




Pliable corrugated PP conduit systems class. 2232/3422/2332 Series TP page 328




Pliable corrugated PP conduit systems class. 3422 Series ICTA
page 329



Spiral flexible conduit systems Series GFE
page 331

# MAIN TECHNICAL FEATURES



The conduit-fitting systems, complying with the requirements of the Reference Standards EN 61386-1 and EN 61386-21, include plain or sleeved rigid conduits made of self-extinguishing technopolymer on rigid PVC base or by halogen free raw materials according to the Standard EN50267-2-1 and EN 50267-1-2.
The halogen free conduits are strongly recommended for crowded places, like airports, schools, theatres, tunnels, ecc, because they are characterized by a low very emission or complete lack of toxic gases and of light smoke which doesn't prevent from locating the emergency exits und darkening the light sources.
The pliable conduits are available in two different versions: one manufactured with self-extinguishing (V0 according to the Standard UL94) technopolymer on PVC base and the other manufactured with self-extinguishing self-recovering halogen free polypropylene.
Great attention is given to the conduit packaging. Both the bundles of rigid conduits and the coils of pliable conduits are wrapped in stretch film. The pallets are covered by white film, granting a very good protection against UV-rays and atmospheric agents. The pallets of pliable conduits also have a plastic hook on the top.
The range is completed by the spiral flexible conduits suitable for industrial as well as civil uses thanks to their flexibility, resistance to compression, chemical agents, particularly oils and greases.

# MAIN TECHNICAL FEATURES

Rigid conduits diameters from 16 up o 63mm, with plain or sleeved ends, in 2mt or 3mt lengths

Pliable corrugated insulating conduits in different classifications and colours diameters from 16 up to 50mm. Some types are available with draw tape as well

The pliable corrugated self-covering self-extinguishing PP insulating conduits series ICTA are halogen free, therefore ideal for public buildings



Self-extinguishing version or halogen free technopolymer with low emission of toxic gases

Some conduits are also available in 10mt or 25mt coils

The spiral flexible conduits, available in grey or black, are the ideal solution for floating connections

Together with the accessories for the change of direction and the fixing, Elettrocanali rigid conduits form a system able to meet any distribution need both in industrial and civil installations. In particular the several different accessories permit to join a rigid conduit with a spiral flexible conduit for installations of machineries, lighting, junction boxes.
The rigid conduits can be cold-bent by the proper steel springs.
The pliable conduits offer the installer a wide range of solutions according to the different installation requests: from the conduits to be installed under the wall, in black for standard circuits or in different colours for composite electrical systems, to the self-recovering self-extinguishing ICTA conduits particularly suitable for being put under the floor thanks to a permanent 10% deformation once the load is taken away. They can stand an installation temperature up to 90°C.
ICTA conduits are also available in the pre-wired version.
The pliable orange PP conduits series TP are appropriate for prefabrication thanks to the fact that they resist to the heat and recover their original diameter once the load is taken away, for instance when they are buried in concrete.
ELETTROCANALI have always used pure raw materials, which guarantees a high quality of the product and a same performances.

## RIGID INSULATING PVC CONDUITS **SERIES TG15**

**MAIN TECHNICAL FEATURES:**

- Material: technopolymer on PVC base with high resistance to UV rays.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Compression resistance: 750 N.
- Classification: medium -3321 according to the standard EN 61386-1, EN 61386-21.
- Available with plain ends or with 1 sleeve, in 2mt or 3mt length.
- Packed in bundles wrapped with transparent plastic film.

CE

GREY RAL 7035

### Rigid conduits class. 3321, in 3mt bars

| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG1516** | 16 | 3 | 102/3162 |
| **ECTG1520** | 20 | 3 | 102/2040 |
| **ECTG1525** | 25 | 3 | 60/1440 |
| **ECTG1532** | 32 | 3 | 30/840 |
| **ECTG1540** | 40 | 3 | 30/540 |
| **ECTG1550** | 50 | 3 | 15/360 |
| **ECTG1563** | 63 | 3 | 180 |

### Rigid conduits class. 3321, in 2mt bars

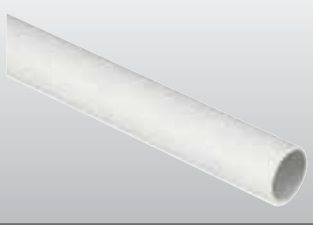
| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG1516-2** | 16 | 2 | 68/2108 |
| **ECTG1520-2** | 20 | 2 | 68/1360 |
| **ECTG1525-2** | 25 | 2 | 40/960 |
| **ECTG1532-2** | 32 | 2 | 20/560 |
| **ECTG1540-2** | 40 | 2 | 20/360 |
| **ECTG1550-2** | 50 | 2 | 10/240 |

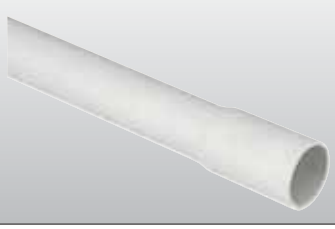
### Rigid conduits class. 3321, in 3mt bars with sleeve

| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG1516B** | 16 | 3 | 75/3000 |
| **ECTG1520B** | 20 | 3 | 51/2040 |
| **ECTG1525B** | 25 | 3 | 51/1428 |
| **ECTG1532B** | 32 | 3 | 30/840 |
| **ECTG1540B** | 40 | 3 | 21/420 |
| **ECTG1550B** | 50 | 3 | 15/360 |

### Rigid conduits class. 3321, in 2mt bars with sleeve

| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG1516B-2** | 16 | 2 | 50/2000 |
| **ECTG1520B-2** | 20 | 2 | 34/1360 |
| **ECTG1525B-2** | 25 | 2 | 34/952 |
| **ECTG1532B-2** | 32 | 2 | 20/560 |
| **ECTG1540B-2** | 40 | 2 | 14/280 |
| **ECTG1550B-2** | 50 | 2 | 10/240 |





## RIGID INSULATING PVC CONDUITS **SERIES TG12**

**MAIN TECHNICAL FEATURES:**

- Material: technopolymer on PVC base with high resistance to UV rays.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Compression resistance: 320 N.
- Classification: light -2221 according to the standard EN 61386-1, EN 61386-21.
- Available with plain ends or with 1 sleeve, in 2mt or 3mt length.
- Packed in bundles wrapped with transparent plastic film.

CE

GREY RAL 7035

## Rigid conduits class. 2221, in 3mt bars

| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG1216** | 16 | 3 | 102/3162 |
| **ECTG1220** | 20 | 3 | 102/2040 |
| **ECTG1225** | 25 | 3 | 60/1440 |
| **ECTG1232** | 32 | 3 | 30/840 |
| **ECTG1240** | 40 | 3 | 30/540 |
| **ECTG1250** | 50 | 3 | 15/360 |

## Rigid conduits class. 2221, in 2mt bars

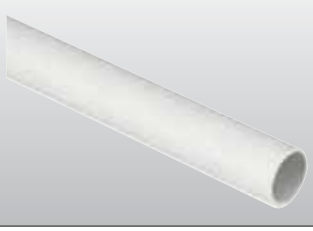
| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG1216-2** | 16 | 2 | 68/2108 |
| **ECTG1220-2** | 20 | 2 | 68/1360 |
| **ECTG1225-2** | 25 | 2 | 40/960 |
| **ECTG1232-2** | 32 | 2 | 20/560 |
| **ECTG1240-2** | 40 | 2 | 20/360 |
| **ECTG1250-2** | 50 | 2 | 10/240 |

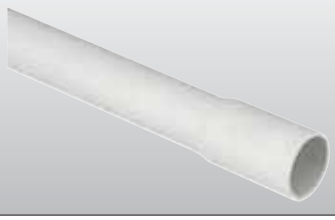
## Rigid conduits class. 2221, in 3mt bars with sleeve

| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG1216B** | 16 | 3 | 102/3162 |
| **ECTG1220B** | 20 | 3 | 102/2040 |
| **ECTG1225B** | 25 | 3 | 60/1440 |
| **ECTG1232B** | 32 | 3 | 30/840 |
| **ECTG1240B** | 40 | 3 | 30/540 |
| **ECTG1250B** | 50 | 3 | 15/360 |

## Rigid conduits class. 2221, in 2mt bars with sleeve

| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG1216B-2** | 16 | 2 | 68/2108 |
| **ECTG1220B-2** | 20 | 2 | 68/1360 |
| **ECTG1225B-2** | 25 | 2 | 40/960 |
| **ECTG1232B-2** | 32 | 2 | 20/560 |
| **ECTG1240B-2** | 40 | 2 | 20/360 |
| **ECTG1250B-2** | 50 | 2 | 10/240 |





## HALOGEN FREE RIGID INSULATING CONDUITS **SERIES TG21/TG20**

**MAIN TECHNICAL FEATURES:**

- Material: halogen free technopolymer according to EN 50267-2-1, EN 50267-1-2, EN 60754-1, EN 60754-2.
- Low Smoke according to EN 61034-1, EN 61034-2.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Compression resistance: 750-320 N.
- Classification: -3342, -2342 according to the Standard EN 61386-1, EN 61386-21.
- Available with plain ends or with 1 sleeve, in 3mt length.
- Packed in bundles wrapped with transparent plastic film.

CE

GREY RAL 7035

## Halogen free rigid conduits class. 3342 in 3mt bars - LSZH

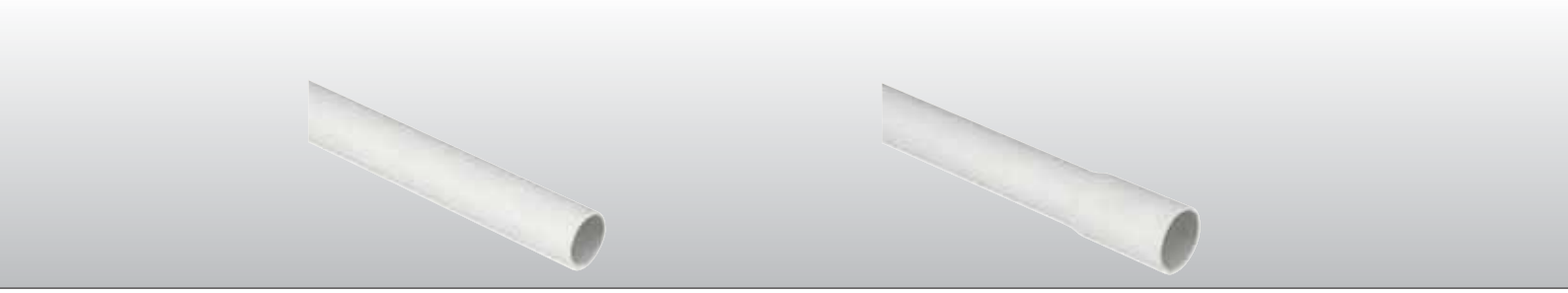
| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG2116** | 16 | 3 | 102/3162 |
| **ECTG2120** | 20 | 3 | 102/2040 |
| **ECTG2125** | 25 | 3 | 60/1440 |
| **ECTG2132** | 32 | 3 | 30/840 |
| **ECTG2140** | 40 | 3 | 30/540 |
| **ECTG2150** | 50 | 3 | 15/360 |

## Halogen free rigid conduits class. 2342 in 3mt bars with sleeve - LSZH

| ITEM | EXTERNAL NOMINAL DIAMETER mm | BAR LENGTH m | BUNDLE/MINIPALLET m |
|---|---|---|---|
| **ECTG2016B** | 16 | 3 | 102/3162 |
| **ECTG2020B** | 20 | 3 | 102/2040 |
| **ECTG2025B** | 25 | 3 | 60/1440 |
| **ECTG2032B** | 32 | 3 | 30/840 |
| **ECTG2040B** | 40 | 3 | 30/540 |
| **ECTG2050B** | 50 | 3 | 15/360 |

HALOGEN Free

LSZH



# PLIABLE CORRUGATED PVC INSULATING CONDUITS **SERIES TC15**

CE

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on PVC base, self-extinguishing V0 degree according to UL94 standard.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Compression resistance: 750 N. • Classification: medium -3321 according to the Standard EN 61386-1, EN 61386-22. Available with draw tape on request: add letter "T" to the item code.
- Packed in coils, wrapped with transparent plastic film.
- Coils on wooden pallet, wrapped with plastic film and plastic hood on the top.
- Not free of micro-holes. • Not suitable for liquid cement.

BLACK STANDARD
VE = GREEN
B = WHITE
BL = BLUE
M = BROWN
L= VIOLET

## Pliable corrugated insulating conduits class. 3321 - black

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECTC1516** | 16 | 100 | 60 | 6000 |
| **ECTC151650** | 16 | 50 | 96 | 4800 |
| **ECTC1520** | 20 | 100 | 52 | 5200 |
| **ECTC152050** | 20 | 50 | 66 | 3300 |
| **ECTC1525** | 25 | 50 | 60 | 3000 |
| **ECTC1532** | 32 | 25 | 64 | 1600 |
| **ECTC1540** | 40 | 25 | 40 | 1000 |
| **ECTC1550** | 50 | 25 | 32 | 800 |

## Pliable corrugated insulating conduits class. 3321 - black - 25mt coils

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. |
|---|---|---|---|
| **ECTC151625** | 16 | 25 | 198 |
| **ECTC152025** | 20 | 25 | 132 |
| **ECTC152525** | 25 | 25 | 99 |

## Pliable corrugated insulating conduits class. 3321 - black - 10mt coils

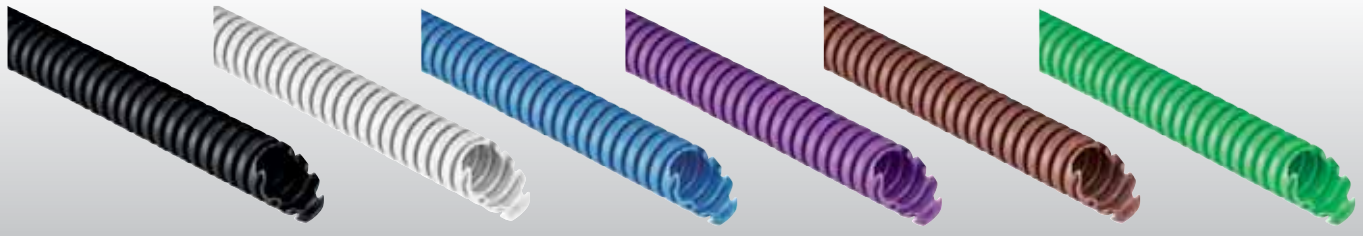
| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. |
|---|---|---|---|
| **ECTC151610** | 16 | 10 | 288 |
| **ECTC152010** | 20 | 10 | 216 |
| **ECTC152510** | 25 | 10 | 165 |

## Pliable corrugated insulating conduits class. 3321 - coloured

**Please add the colour code to the item code: VE= Green, B = White, BL = Blue, M = Brown, L = Violet**

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECTC1516** | 16 | 100 | 60 | 6000 |
| **ECTC1520** | 20 | 100 | 52 | 5200 |
| **ECTC1525** | 25 | 50 | 60 | 3000 |
| **ECTC1532** | 32 | 25 | 64 | 1600 |

**Conduits available with draw tape on request. Please add the letter "T" to the item code**



## PLIABLE CORRUGATED PVC INSULATING CONDUITS **SERIES TC12**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on PVC base, self-extinguishing V0 degree according to UL94 standard.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Compression resistance: 320 N. • Classification: light -2221 according to the Standard EN 61386-1, EN 61386-22.
- Available with draw tape on request: add letter "T" to the item code.
- Packed in coils, wrapped with transparent plastic film.
- Coils on wooden pallet, wrapped with plastic film and plastic hood on the top.
- Not free of micro-holes. • Not suitable for liquid cement.

CE

GREY RAL 7035

## Pliable corrugated insulating conduits class. 2221 - light grey

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECTC1216** | 16 | 100 | 60 | 6000 |
| **ECTC121650** | 16 | 50 | 96 | 4800 |
| **ECTC1220** | 20 | 100 | 48 | 4800 |
| **ECTC122050** | 20 | 50 | 66 | 3300 |
| **ECTC1225** | 25 | 50 | 56 | 2800 |
| **ECTC1225100** | 25 | 100 | 36 | 3600 |
| **ECTC1232** | 32 | 25 | 64 | 1600 |
| **ECTC123250** | 32 | 50 | 36 | 1800 |
| **ECTC1240** | 40 | 25 | 40 | 1000 |
| **ECTC1250** | 50 | 25 | 32 | 800 |

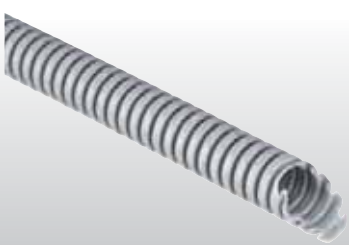
## Pliable corrugated insulating conduits class. 2221 - light grey - 25mt coils

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. |
|---|---|---|---|
| **ECTC121625** | 16 | 25 | 165 |
| **ECTC122025** | 20 | 25 | 121 |
| **ECTC122525** | 25 | 25 | 90 |

## Pliable corrugated insulating conduits class. 2221 - light grey - 10mt coils

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. |
|---|---|---|---|
| **ECTC121610** | 16 | 10 | 288 |
| **ECTC122010** | 20 | 10 | 216 |
| **ECTC122510** | 25 | 10 | 154 |

**Conduits available with draw tape on request. Please add the letter "T" to the item code**



# PLIABLE CORRUGATED PVC INSULATING CONDUITS **SERIES TC18 (-25°C)**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on PVC base, self-extinguishing V0 degree according to UL94 standard.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Compression resistance: 750 N. - Minimum Installation temperature -25° C.
- Classification: medium -3341 according to the Standard EN 61386-1, EN 61386-22.
- Available with draw tape on request: add letter "T" to the item code.
- Packed in coils, wrapped with transparent plastic film. - Coils on wooden pallet, wrapped with plastic film and plastic hood on the top. - Not free of micro-holes. • Not suitable for liquid cement.

LUBRICATED

CE

GREY RAL 7031

## Pliable corrugated insulating lubricated conduits class. 3341 (-25° C) - grey

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECTC1816** | 16 | 100 | 60 | 6000 |
| **ECTC181650** | 16 | 50 | 96 | 4800 |
| **ECTC1820** | 20 | 100 | 48 | 4800 |
| **ECTC182050** | 20 | 50 | 66 | 3300 |
| **ECTC1825** | 25 | 50 | 56 | 2800 |
| **ECTC1825100** | 25 | 100 | 36 | 3600 |
| **ECTC1832** | 32 | 25 | 64 | 1600 |
| **ECTC183250** | 32 | 50 | 36 | 1800 |
| **ECTC1840** | 40 | 25 | 40 | 1000 |
| **ECTC1850** | 50 | 25 | 32 | 800 |

## Pliable corrugated insulating lubricated conduits class. 3341 (-25° C) - grey - 25mt coils

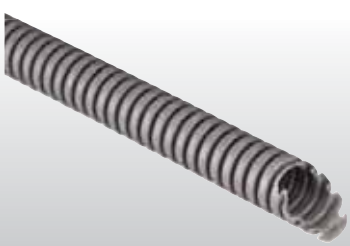
| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. |
|---|---|---|---|
| **ECTC181625** | 16 | 25 | 165 |
| **ECTC182025** | 20 | 25 | 121 |
| **ECTC182525** | 25 | 25 | 90 |

## Pliable corrugated insulating lubricated conduits class. 3341 (-25° C) - grey - 10mt coils

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. |
|---|---|---|---|
| **ECTC181610** | 16 | 10 | 288 |
| **ECTC182010** | 20 | 10 | 216 |
| **ECTC182510** | 25 | 10 | 154 |

**Conduits available with draw tape on request. Please add the letter "T" to the item code**

-25° C



## PLIABLE CORRUGATED SELF-RECOVERING PP INSULATING CONDUITS **SERIES TP**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant self recovering technopolymer on PP base.
- Material: halogen free technopolymer according to EN 50267-2-1, EN 50267-1-2, EN 60754-1, EN 60754-2.
- Low Smoke according to EN 61034-1, EN 61034-2.
- Compression resistance: 320 - 750 N. - Installation temperature min -15 / -5° C, max +90° C.
- Classification: light -2232, medium -3422 according to the Standard EN 61386-1, EN 61386-22.
- Available with draw tape on request: add letter "T" to the item code.
- Packed in coils, wrapped with transparent plastic film.
- Coils on wooden pallet, wrapped with plastic film and plastic hood on the top.
- Free of micro-holes. • Suitable for liquid cement.

LUBRICATED

CE

ORANGE RAL 2004

BLACK STANDARD

## Pliable corrugated self-recovering-lubricated conduits class. 2232 - orange

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECTP1216** | 16 | 100 | 70 | 7000 |
| **ECTP1220** | 20 | 100 | 50 | 5000 |
| **ECTP1225** | 25 | 50 | 60 | 3000 |
| **ECTP1232** | 32 | 25 | 64 | 1600 |
| **ECTP1240** | 40 | 25 | 40 | 1000 |
| **ECTP1250** | 50 | 25 | 32 | 800 |

## Pliable corrugated self-recovering-lubricated conduits class. 3422 - orange

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECTP1516** | 16 | 100 | 70 | 7000 |
| **ECTP1520** | 20 | 100 | 50 | 5000 |
| **ECTP1525** | 25 | 50 | 60 | 3000 |
| **ECTP1532** | 32 | 25 | 64 | 1600 |
| **ECTP1540** | 40 | 25 | 40 | 1000 |
| **ECTP1550** | 50 | 25 | 32 | 800 |

## Pliable corrugated self-recovering-lubricated conduits class. 2332 - black - LSZH

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECTP2016** | 16 | 100 | 70 | 7000 |
| **ECTP2020** | 20 | 100 | 50 | 5000 |
| **ECTP2025** | 25 | 50 | 60 | 3000 |
| **ECTP2032** | 32 | 25 | 64 | 1600 |
| **ECTP2040** | 40 | 25 | 40 | 1000 |
| **ECTP2050** | 50 | 25 | 32 | 800 |

**Conduits available with draw tape on request. Please add the letter "T" to the item code**

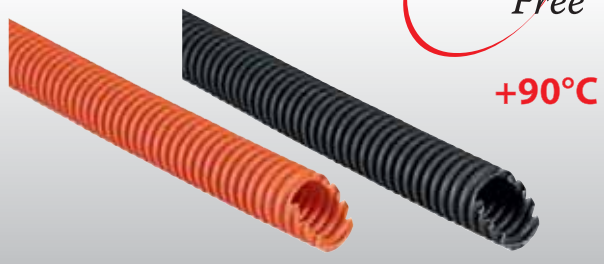
LSZH

HALOGEN Free

+90°C

**STRENGTHS OF POLYPROPYLENE CONDUITS:**

- Free of micro-holes, this guarantees maximum internal cleaning.
- Suitable for floor systems with liquid cement.
- Do not undergo permanent deformation due to crushing and recover at least 90% of the initial diameter.
- Elastic: in case of impact will not be damaged, do not require concrete protective cover during the installation on site.
- Resistance to high temperatures, up to 90 ° C, makes them ideal for reinforced concrete casting.
- Low emission of opaque fumes and low toxicity make them preferable in public and private facilities where the safety of people and things is of utmost importance.



## PLIABLE CORRUGATED SELF-EXTINGUISHING-LUBRICATED CONDUITS **SERIES ICTA**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant self recovering technopolymer on PP base.
- Material: halogen free technopolymer according to EN 50267-2-1, EN 50267-1-2, EN 60754-1, EN 60754-2.
- Low Smoke according to EN 61034-1, EN 61034-2.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Resistance to abnormal heat: up to 850°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Low emission of toxic gasses.• Compression resistance: 750 N.-Installation temperature min -5° C, max +90° C.
- Classification: medium -3422 according to the Standard EN 61386-1, EN 61386-22.
- Packed in coils, wrapped with transparent plastic film. - Coils on wooden pallet, wrapped with plastic film and plastic hood on the top. - Free of micro-holes. • Suitable for liquid cement.

LUBRICATED CE

GREY RAL 7037

## Pliable corrugated self-extinguishing -lubricated conduits class. 3422 - grey

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECICTA16** | 16 | 100 | 70 | 7000 |
| **ECICTA20** | 20 | 100 | 50 | 5000 |
| **ECICTA25** | 25 | 100 | 36 | 3600 |
| **ECICTA32** | 32 | 50 | 36 | 1800 |
| **ECICTA40** | 40 | 25 | 40 | 1000 |
| **ECICTA50** | 50 | 25 | 32 | 800 |

## Halogen free - Pliable corrugated self-extinguishing -lubricated conduits class. 3422 grey - LSZH

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECICTA16HF** | 16 | 100 | 70 | 7000 |
| **ECICTA20HF** | 20 | 100 | 50 | 5000 |
| **ECICTA25HF** | 25 | 100 | 36 | 3600 |
| **ECICTA32HF** | 32 | 50 | 36 | 1800 |
| **ECICTA40HF** | 40 | 25 | 40 | 1000 |
| **ECICTA50HF** | 50 | 25 | 32 | 800 |

## 1000N Pliable corrugated self-extinguishing -lubricated conduits class. 3422 - blue

| ITEM | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|
| **ECICTA16K** | 16 | 100 | 70 | 7000 |
| **ECICTA20K** | 20 | 100 | 50 | 5000 |
| **ECICTA25K** | 25 | 100 | 36 | 3600 |
| **ECICTA32K** | 32 | 50 | 36 | 1800 |
| **ECICTA40K** | 40 | 25 | 40 | 1000 |
| **ECICTA50K** | 50 | 25 | 32 | 800 |

**Conduits available with draw tape on request. Please add the letter "T" to the item code**

**STRENGTHS OF POLYPROPYLENE CONDUITS:**

- Free of micro-holes, this guarantees maximum internal cleaning.
- Suitable for floor systems with liquid cement.
- Do not undergo permanent deformation due to crushing and recover at least 90% of the initial diameter.
- Elastic: in case of impact will not be damaged, do not require concrete protective cover during the installation on site.
- Resistance to high temperatures, up to 90 ° C, makes them ideal for reinforced concrete casting.
- Low emission of opaque fumes and low toxicity make them preferable in public and private facilities where the safety of people and things is of utmost importance.



## PLIABLE CORRUGATED SELF-EXTINGUISHING-LUBRICATED CONDUITS **SERIES ICTA**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant self recovering technopolymer on PP base.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Resistance to abnormal heat: up to 850°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Low emission of toxic gasses (conduit). • Compression resistance: 750 N.
- Installation temperature min -5° C, max +90° C.
- Classification: medium -3422 according to the Standard EN 61386-1, EN 61386-22.
- Packed in coils, wrapped with transparent plastic film.
- Coils on wooden pallet, wrapped with plastic film and plastic hood on the top.
- Free of micro-holes. • Suitable for liquid cement.

CE

GREY RAL 7037

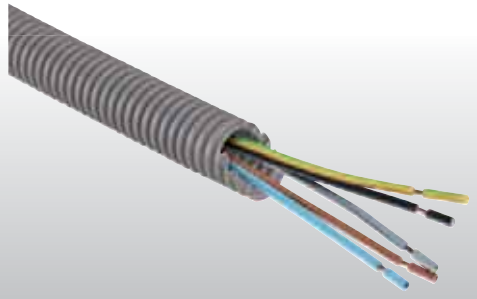
## Halogen free - Pliable corrugated self-extinguishing -lubricated conduits class. 3422-LSZH Prewired H07V-U

| ITEM | EXTERNAL NOMINAL DIAMETER mm | PREWIRING | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|---|
| **ECICTA163G15U** | 16 | 3G1,5 | 100 | 28 | 2800 |
| **ECICTA164G15U** | 16 | 4G1,5 | 100 | 28 | 2800 |
| **ECICTA165G15U** | 16 | 5G1,5 | 100 | 28 | 2800 |
| **ECICTA163G25U** | 16 | 3G2,5 | 100 | 28 | 2800 |
| **ECICTA165G25U** | 16 | 5G2,5 | 100 | 28 | 2800 |
| **ECICTA205G25U** | 20 | 5G2,5 | 100 | 24 | 2400 |

## Halogen free - Pliable corrugated self-extinguishing -lubricated conduits class. 3422-LSZH Prewired H07V-R

| ITEM | EXTERNAL NOMINAL DIAMETER mm | PREWIRING | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|---|
| **ECICTA163G15R** | 16 | 3G1,5 | 100 | 28 | 2800 |
| **ECICTA164G15R** | 16 | 4G1,5 | 100 | 28 | 2800 |
| **ECICTA165G15R** | 16 | 5G1,5 | 100 | 28 | 2800 |
| **ECICTA163G25R** | 16 | 3G2,5 | 100 | 28 | 2800 |
| **ECICTA205G25R** | 20 | 5G2,5 | 100 | 24 | 2400 |

**Other wirings on request**



HALOGEN Free

+90°C

# SPIRAL FLEXIBLE PVC CONDUIT **SERIES GFE**

**MAIN TECHNICAL FEATURES:**

- Material: for the internal spiral rigid anti-shock thermoplastic material on PVC base; for the external coating soft thermoplastic material on PVC base UV rays resistant.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Compression resistance: 320 N.
- Installation temperature / operating temperature: (EN 61386): +5°C/+60°C.
- Installation temperature / operating temperature: (UL 1696): +5°C/+70°C.
- Classification: light -2311 according to the Standard EN 61386-1, EN 61386-23, UL 1696.
- Packed in coils, wrapped with transparent plastic film.
- Coils on wooden pallet, wrapped with plastic film and plastic hood on the top.

CE

GREY RAL 7035

BLACK

| GREY ITEM | BLACK ITEM | INTERNAL NOMINAL DIAMETER mm | EXTERNAL NOMINAL DIAMETER mm | COIL LENGTH m | COILS x PALLET NR. | PALLET m |
|---|---|---|---|---|---|---|
| **ECGFE08** | **ECGFE08N** | 8 | 12,4 | 30 | 69 | 2070 |
| **ECGFE10** | **ECGFE10N** | 10 | 14,6 | 30 | 60 | 1800 |
| **ECGFE12** | **ECGFE12N** | 12 | 16,2 | 30 | 60 | 1800 |
| **ECGFE14** | **ECGFE14N** | 14 | 18,2 | 30 | 48 | 1440 |
| **ECGFE16** | **ECGFE16N** | 16 | 20,2 | 30 | 36 | 1080 |
| **ECGFE20** | **ECGFE20N** | 20 | 24,2 | 30 | 36 | 1080 |
| **ECGFE22** | **ECGFE22N** | 22 | 26,3 | 30 | 24 | 720 |
| **ECGFE25** | **ECGFE25N** | 25 | 29,6 | 30 | 20 | 600 |
| **ECGFE28** | **ECGFE28N** | 28 | 33,0 | 30 | 16 | 480 |
| **ECGFE32** | **ECGFE32N** | 32 | 37,2 | 30 | 16 | 480 |
| **ECGFE35** | **ECGFE35N** | 35 | 40,2 | 30 | 16 | 480 |
| **ECGFE40** | **ECGFE40N** | 40 | 45,3 | 30 | 12 | 360 |
| **ECGFE50** | **ECGFE50N** | 50 | 56,0 | 30 | 6 | 180 |
| **ECGFE60** | **ECGFE60N** | 60 | 66,4 | 30 | 4 | 120 |









# WATERTIGHT JOINTS IP67



NUOVO SECURITY SYSTEM

2

## MAIN TECHNICAL FEATURES

PATENTED PRODUCT SYSTEM.
Materialco-moulding low emission smoke technopolymer.
Self-extinguishing V2 degree to UL94.
High resistance to UV rays.
Standard colour : Grey RAL7035.
For outdoor use: high resistance to aging.
Resistance to abnormal heat: up to 850°C (Glow Wire Test according to IEC 60695-2-11 standard).
Installation temperature : min. -5°, max +60°.
IP67 Protection degree.
Insulation resistance:> 100 MΩ to 500 V ~ for 1 minute.
Dielectric strength:> 2000 V ~ 50 Hz for 15 minutes.
Reference Standards: EN 61386-1, EN 61386-21.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.

new!



IP67 Conduit-box joints

page 335



IP67 Conduit-conduit joints

page 335



IP67 Conduit-spiral flexible conduit joints

page 335



IP67 90° Bends

page 335

HALOGEN Free

NUOVO SECURITY SYSTEM

# MAIN TECHNICAL FEATURES




The whole range of watertight conduit accessories Security System has an IP67 protection degree.
The patented constructive peculiarity of these fittings is represented by the gasket which is co-moulded with the joint body, so that there is no risk that it may fall off or be damaged during the installation of the conduits.
That results in a sure time saving and long-lasting life.
The innovative shape and the bi-component raw material permit the joints to fit perfectly to the conduit.
The joining of the accessories to the conduits is fast and doesn't' require any effort: these fittings allow a perfect tightness although the conduit is not completely round.
Security System fittings allow to recover the conduit expansion in length in response to a temperature variation without compromising the protection degree.
Thanks to their technical features the joints can be disassembled and used again, without any alteration of the sealing system.

NUOVO SECURITY SYSTEM

# WATERTIGHT JOINTS **SERIES 74**

new!

HALOGEN Free

CE

**MAIN TECHNICAL FEATURES:**

- Material: co-moulding low emission smoke technopolymer.
- Self-extinguishing V2 degree to UL94.
- Resistance to abnormal heat: up to 850°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Rigid conduit-box joints supplied with assembled gaskets and lock nuts.
- Metric thread 1,5 mm.
- Made in compliance with the Standards EN 61386-1, EN 61386-21.
- Patended product system.

**IP67**

GREY RAL 7035

## Conduit-box joints to connect a rigid conduit with a junction box

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | THREAD LENGHT mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC74116** | 16 | 54 | 13 | 10/350 |
| **EC74120** | 20 | 54 | 13 | 10/350 |
| **EC74125** | 25 | 54 | 13 | 10/200 |
| **EC74132** | 32 | 54 | 13 | 10/100 |
| **EC74140** | 40 | 75 | 17 | 5/80 |
| **EC74150** | 50 | 75 | 17 | 5/40 |

## Conduit-conduit joints to connect two rigid conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **EC74016** | 16 | 82 | 10/250 |
| **EC74020** | 20 | 82 | 10/200 |
| **EC74025** | 25 | 82 | 10/150 |
| **EC74032** | 32 | 82 | 10/100 |
| **EC74040** | 40 | 112 | 5/50 |
| **EC74050** | 50 | 112 | 5/40 |

## Joints to connect a rigid conduit with a spiral flexible conduit with the same diameter

| ITEM | CONDUIT DIAMETER mm | SPIRAL FLEXIBLE CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|---|
| **EC74216** | 16 | 16 | 10/350 |
| **EC74220** | 20 | 20 | 10/250 |
| **EC74225** | 25 | 25 | 10/200 |
| **EC74232** | 32 | 32 | 10/100 |
| **EC74240** | 40 | 40 | 5/80 |
| **EC74250** | 50 | 50 | 5/40 |

## 90° Bends to connect two rigid conduit with the same diameter

| ITEM | CONDUIT DIAMETER mm | RADIUS OF CURVATURE mm | PACKAGING PIECES |
|---|---|---|---|
| **EC74316** | 16 | 100 | 10/150 |
| **EC74320** | 20 | 100 | 10/100 |
| **EC74325** | 25 | 100 | 10/100 |
| **EC74332** | 32 | 100 | 10/50 |
| **EC74340** | 40 | 150 | 5/20 |
| **EC74350** | 50 | 150 | 5/15 |



**Series 741**



**Series 740**



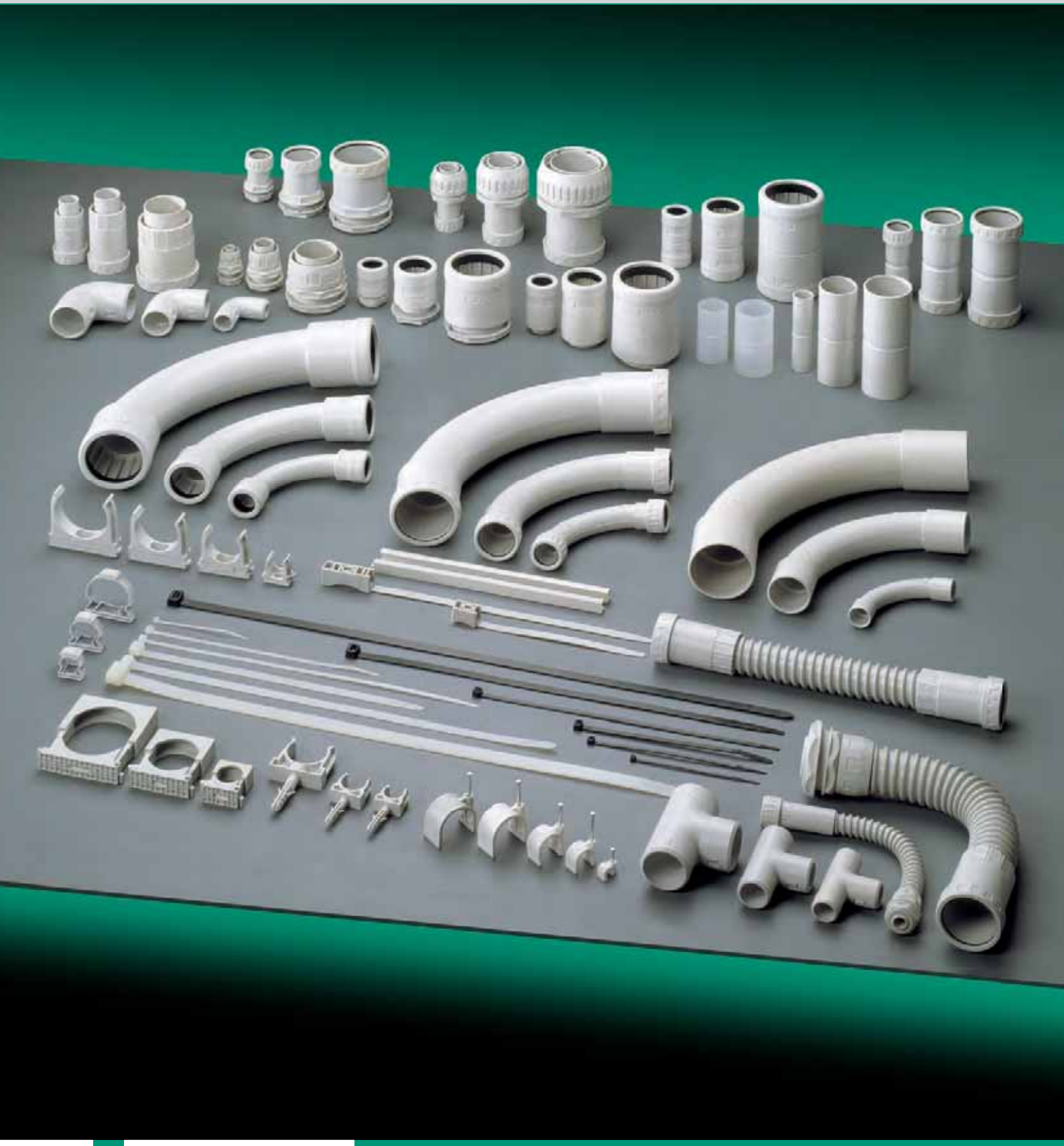
**Series 742**



**Series 743**

NUOVO SECURITY SYSTEM

# ACCESSORIES AND FIXING SYSTEMS



e@sysystem

3

## MAIN TECHNICAL FEATURES

Material: made of a shock resistant technopolymer on rigid PVC base, otherwise PA6.6 polyamide.
Self-extinguishing V0 according to UL94.(Unless otherwise indicated).
For outdoor use: high resistance to aging.
Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
Installation temperature : min. -5°, max +60°.
Insulation resistance:> 100 MΩ to 500 V ~ for 1 minute.
Dielectric strength:> 2000 V ~ 50 Hz for 15 minutes.
Standard colour : Grey RAL7035 or black.
Reference Standards: EN 61386-1, EN 61386-21-22-23.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.




IP67 accessories for rigid conduits Series e@sysystem (patented) page 339



IP65 accessories for rigid conduits Series BS/MS/CS/GS/RS/CXT/CXS page 341

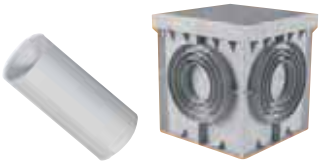


IP40 accessories for rigid conduits Series CRS/CV/ GSU/GI/RM/AC/ CI/TI - page 345

HALOGEN Free



IP40 accessories for halogen free conduits Series CRSH/GSUH/CF page 348



Accessories for corrugated conduits and groud box Series GFLEX/TFLEX/ POZ
page 349



Accessories for flexible spiral conduits Series GX
page 350



Fixing systems for pliable rigid and flexible spiral conduits – plugs – clips Series C/G/T
page 352



Nylon cable draw tapes Series S3/S4
page 355



Nylon cable ties Series 800/810
page 356

# MAIN TECHNICAL FEATURES



The whole range of watertight conduit accessories *e@sysystem* (patented products) has an IP67 protection degree.
The inner gasket has a particular shape permitting the joints to fit perfectly to the conduit, gaining in this was a perfect tightness although the conduit is not completely round.
The joining of the accessories to the conduits is fast and doesn't' require any effort.
e@sysystem fittings allow to recover the conduit expansion in length in response to a temperature variation without compromising the protection degree.
The main characteristics of the *e@sysystem* fittings are their compact design, their reduced dimensions and their sturdiness. In particular the sleeve for the conduit is reinforced throughout all its length so that it embraces and accompanies the conduit during the joining of the conduit.
ELETTROCANALI conduit fittings cover all installation needs: watertight rigid conduit-box joint, couplings, rigid conduit-spiral conduit joints, 90° bends. Combined with our range of junction boxes, modular enclosures and boards, the watertight accessories form a complete system for the conduction, the protection and the distribution.

e@sysystem

# WATERTIGHT JOINTS **SERIES e@sysystem**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base.
- Self-extinguishing V0 degree according to UL94 standard
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Rigid conduit-box joints supplied with assembled gaskets and lock nuts.
- O-ring to compensate the conduit tolerances. Metric thread 1,5 mm.
- Made in compliance with the Standards EN 61386-1,EN 61386-21. Patended product system.
- Rigid-flexible spiral conduit joints with holding system of the spiral flexible conduits in the joint.
- Reduced radius of curvature permits to fit the bends properly against the wall.

CE

**IP67**

GREY RAL 7035

## Conduit-box joints to connect a rigid conduit with a junction box

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | THREAD LENGHT mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC70016** | 16 | 42 | 15 | 25/500 |
| **EC70020** | 20 | 44 | 15 | 25/500 |
| **EC70025** | 25 | 47 | 15 | 25/400 |
| **EC70032** | 32 | 52 | 16 | 25/200 |
| **EC70040** | 40 | 64 | 16 | 10/100 |
| **EC70050** | 50 | 72 | 18 | 10/70 |

## Conduit-conduit joints to connect two rigid conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **EC71016** | 16 | 55 | 25/500 |
| **EC71020** | 20 | 59 | 25/400 |
| **EC71025** | 25 | 65 | 25/250 |
| **EC71032** | 32 | 76 | 25/150 |
| **EC71040** | 40 | 94 | 10/70 |
| **EC71050** | 50 | 109 | 10/50 |

## Watertight joints to connect a rigid conduit with a spiral flexible conduit - same diameter

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **EC72016** | 16 | 16 | 25/500 |
| **EC72020** | 20 | 20 | 25/500 |
| **EC72025** | 25 | 25 | 25/300 |
| **EC72032** | 32 | 32 | 25/200 |
| **EC72040** | 40 | 40 | 10/100 |
| **EC72050** | 50 | 50 | 10/60 |

## 90° bends to connect two rigid conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | RADIUS OF CURVATURE mm | PACKAGING PIECES |
|---|---|---|---|
| **EC73016** | 16 | 56 | 25/300 |
| **EC73020** | 20 | 70 | 25/200 |
| **EC73025** | 25 | 88 | 25/100 |
| **EC73032** | 32 | 110 | 10/50 |
| **EC73040** | 40 | 140 | 10/30 |
| **EC73050** | 50 | 175 | -/15 |



**Series 700**



**Series 710**



**Series 720**



**Series 730**

e@sysystem

# MAIN TECHNICAL FEATURES



EC conduit fitting system covers all installation needs: watertight rigid conduit-box joint, couplings, 90° bends, rigid conduit-spiral conduit joints to connect two conduits with same or different diameters.
The flexible bends are undoubtedly very interesting, because they permit to join the conduits to junction boxes not placed on the same level thanks to the possibility of varying the radius of curvature. This solution is particularly useful to avoid an obstacle or changes in levels, for instance pillars or other existing systems, or to get round the thermal expansions of the support structures, that, in rigid systems, may affect the required protection degree.
The reduced dimensions of IP65 fittings permit to use smaller junction boxes or to carry our more connections.
The watertight 3-way derivation box is absolutely necessary to make derivations from the main line and, thanks to the reduction joints, allows to build a really complete system with guaranteed performances.

# WATERTIGHTS JOINT **SERIES BS / MS / CS**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base.
- Self-extinguishing V0 degree according to UL94 standard
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Rigid conduit-box joints supplied with assembled gaskets and lock nuts.
- O-ring to compensate the conduit tolerances.
- Metric thread 1,5 mm.
- Made in compliance with the Standards EN 61386-1,EN 61386-21.
- Reduced radius of curvature permits to fit the bends properly against the wall.

**IP65**

CE

GREY RAL 7035

## Conduit- box joints to connect a rigid conduit with a junction box

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | THREAD LENGHT mm | PACKAGING PIECES |
|---|---|---|---|---|
| **ECBS16** | 16 | 55 | 14 | 10/350 |
| **ECBS20** | 20 | 55 | 14 | 10/350 |
| **ECBS25** | 25 | 55 | 14 | 10/200 |
| **ECBS32** | 32 | 65 | 14 | 10/100 |
| **ECBS40** | 40 | 75 | 20 | 5/80 |
| **ECBS50** | 50 | 80 | 20 | 5/40 |

## Conduit-Conduit joints to connect two rigid conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECMS16** | 16 | 80 | 10/350 |
| **ECMS20** | 20 | 80 | 10/200 |
| **ECMS25** | 25 | 80 | 10/200 |
| **ECMS32** | 32 | 100 | 10/100 |
| **ECMS40** | 40 | 110 | 5/80 |
| **ECMS50** | 50 | 122 | 5/40 |

## 90° bends to connect two rigid conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | RADIUS OF CURVATURE mm | PACKAGING PIECES |
|---|---|---|---|
| **ECCS16** | 16 | 54 | 10/200 |
| **ECCS20** | 20 | 67 | 10/200 |
| **ECCS25** | 25 | 85 | 10/100 |
| **ECCS32** | 32 | 110 | 10/50 |
| **ECCS40** | 40 | 138 | 5/20 |
| **ECCS50** | 50 | 172 | -/12 |



**Series BS** **Series MS** **Series CS**

# RIGID-FLEXIBLE SPIRAL CONDUIT WATERTIGHT **SERIES GS / RS**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base.
- Self-extinguishing V0 degree according to UL94 standard
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- O-ring to compensate the conduit tolerances.
- Made in compliance with the Standards EN 61386-1,EN 61386-21. Patended product system.
- Rigid-flexible spiral conduit joints with holding system of the spiral flexible conduits in the joint.

**IP65**

GREY RAL 7035

## Watertight joints to connect a rigid conduit with a flexible spiral conduit with different diameters

| ITEM | CONDUIT DIAMETER mm | FLEXIBLE SPIRAL CONDUIT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECGS16** | 16 | 12 | 10/350 |
| **ECGS20** | 20 | 16 | 10/350 |
| **ECGS25** | 25 | 20 | 10/200 |
| **ECGS32** | 32 | 25 | 10/100 |
| **ECGS40** | 40 | 32 | 5/100 |
| **ECGS50** | 50 | 40 | 5/40 |

## Watertight joints to connect a rigid conduit with a flexible spiral conduit with the same diameter

| ITEM | CONDUIT DIAMETER mm | FLEXIBLE SPIRAL CONDUIT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECRS16** | 16 | 16 | 10/200 |
| **ECRS20** | 20 | 20 | 10/200 |
| **ECRS25** | 25 | 25 | 10/160 |
| **ECRS32** | 32 | 32 | 10/80 |
| **ECRS40** | 40 | 40 | 5/60 |
| **ECRS50** | 50 | 50 | 5/40 |



**Series GS**



**Series RS**

# WATERTIGHT FLEXIBLE BENDS **SERIES CXT / CXS**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base.
- Self-extinguishing V0 degree according to UL94 standard.
- Compression resistance of the flexible parts: 320 N.
- O-ring to compensate the conduit tolerances.
- Conduit-box joints supplied with assembled lock nuts.
- Thread of the join at the box : GAS thread.
- External corner holes to fix the box on the wall.

CE

**IP65**

GREY RAL 7035

## Flexible bends with variable angle to connect two rigid conduits

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECCXT16** | 16 | 220 | 50/200 |
| **ECCXT20** | 20 | 230 | 50/200 |
| **ECCXT25** | 25 | 240 | 35/140 |
| **ECCXT32** | 32 | 270 | 20/80 |
| **ECCXT40** | 40 | 300 | 10/40 |
| **ECCXT50** | 50 | 340 | 10/40 |

## Joints to connect a rigid conduit and a box on different levels

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECCXS16** | 16 | 200 | 50/200 |
| **ECCXS20** | 20 | 210 | 50/200 |
| **ECCXS25** | 25 | 230 | 35/140 |
| **ECCXS32** | 32 | 250 | 20/80 |
| **ECCXS40** | 40 | 280 | 15/60 |
| **ECCXS50** | 50 | 320 | 10/40 |



**Series CXT**



**Series CXS**

# MAIN TECHNICAL FEATURES



The accessories with IP40 protection degree can be divided into two groups: the first group composed of single-piece fittings and the second one composed of two-piece fittings, like the inspectionable bends and T-joints.
The reduced radius of curvature of the 90° bends is designed to fit the conduit-joint system properly against the wall, for a harmonious outlook.
Our offer also includes bending springs, trailing wire probes and accessories for flexible corrugated pipe. The wide and diverse range of hardware systems, as well as ensuring a solid and durable installation, allows you to shorten the installation time resulting in realization of cost savings.
The offer is completed by the cable ties, UV-resistant and available in 2 different colours, natural or black.
Shortly we can say that the Elettrocanali conduits and fittings form a complete system for the conduction, the protection and the distribution.

# BENDS **SERIES CRS / CV**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base.
- Self-extinguishing V0 degree according to UL94 standard.
- Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard): up to 960° C.
- Reduced radius of curvature permits to fit the bends properly against the wall.
- Made in compliance with the Standards EN 61386-1, EN 61386-21.

CE

**IP40**

GREY RAL 7035

## 90° Bends to connect two conduits with the same diameter

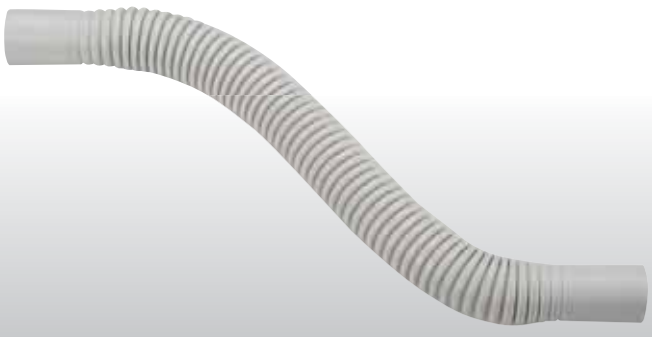
| ITEM | CONDUIT DIAMETER mm | RADIUS OF CURVATURE mm | PACKAGING PIECES |
|---|---|---|---|
| **ECCRS16** | 16 | 54 | 50/1000 |
| **ECCRS20** | 20 | 67 | 50/600 |
| **ECCRS25** | 25 | 85 | 25/300 |
| **ECCRS32** | 32 | 110 | -/100 |
| **ECCRS40** | 40 | 138 | -/100 |
| **ECCRS50** | 50 | 172 | -/50 |

## IP 44 flexible bends with variable to connect two conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECCV16** | 16 | 280 | 20/300 |
| **ECCV20** | 20 | 280 | 20/200 |
| **ECCV25** | 25 | 340 | 20/120 |
| **ECCV32** | 32 | 380 | 10/80 |



**Series CRS**



**Series CV**

# RIGID/FLEXIBLE COUPLINGS **SERIES GSU / GI / RM**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base.
- Self-extinguishing V0 degree according to UL94 standard.
- Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard): up to 960° C.
- GSU/RM coupling complying with the Standards to EN 61386-1, EN 61836-21.
- GI coupling with conduit holding inner ribs.

**IP40**
**IP44**

CE

GREY RAL 7035

## Couplings to connect two conduits with same diameter-IP40

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECGSU16** | 16 | 80 | 100/1200 |
| **ECGSU20** | 20 | 80 | 100/800 |
| **ECGSU25** | 25 | 80 | 50/500 |
| **ECGSU32** | 32 | 100 | 25/250 |
| **ECGSU40** | 40 | 110 | 25/150 |
| **ECGSU50** | 50 | 120 | 25/100 |

## Smooth joints to connect two conduits with the same diameter - IP40

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECGI16** | 16 | 50 | 100/2000 |
| **ECGI20** | 20 | 55 | 100/1200 |
| **ECGI25** | 25 | 60 | 100/700 |
| **ECGI32** | 32 | 70 | -/400 |
| **ECGI40** | 40 | 80 | -/200 |
| **ECGI50** | 50 | 90 | -/100 |

## Flexible polymer conduit/box coupling (for rigid or corrugated conduits) IP44

| ITEM | CONDUIT-MOUNTING HOLE DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECRM16-23** | 16 - mounting hole 23 mm | 31 | 10/400 |
| **ECRM20-23** | 20 - mounting hole 23 mm | 34 | 10/400 |
| **ECRM20-29** | 20 - mounting hole 29 mm | 38 | 10/350 |
| **ECRM25-29** | 25 - mounting hole 29 mm | 38 | 10/300 |
| **ECRM32-37** | 32 - mounting hole 37 mm | 45 | 10/200 |
| **ECRM40-37** | 40 - mounting hole 37 mm | 55 | 5/100 |
| **ECRM50-48** | 50 - mounting hole 48 mm | 65 | 5/70 |



**Series GSU**



**Series GI**




**Series RM**

# INSPECTIONABLE BENDS AND T-JOINTS / BENDING SPRINGS **SERIES CI/TI/AC**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base.
- Self-extinguishing V0 degree according to UL94 standard.
- Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard): up to 960° C.
- CI and TI joints: composed of two parts which can be assembled with a single click.

CE

**IP40**

GREY RAL 7035

## Inspectionable 90° bends to connect two conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|
| **ECCI16** | 16 | 100/400 |
| **ECCI20** | 20 | 100/300 |
| **ECCI25** | 25 | 50/200 |
| **ECCI32** | 32 | 50/150 |

## Inspectionable T-Joint to connect two conduits with the same diameter

| ARTICOLO | CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|
| **ECTI16** | 16 | 100/300 |
| **ECTI20** | 20 | 50/200 |
| **ECTI25** | 25 | 25/100 |
| **ECTI32** | 32 | 25/100 |

## Steel springs for cold-bending of the rigid conduits

| ITEM | CONDUIT DIAMETER mm | LENGHT cm | PACKAGING PIECES |
|---|---|---|---|
| **ECAC16** | 16 | 50 | -/1 |
| **ECAC20** | 20 | 50 | -/1 |
| **ECAC25** | 25 | 50 | -/1 |
| **ECAC32** | 32 | 70 | -/1 |



**Series CI**



**Series TI**



**Series AC**

# HALOGEN FREE ACCESSORIES AND FITTINGS **SERIES CRSH/GSUH/CF**

**MAIN TECHNICAL FEATURES:**

- Material: halogen free technopolymer according to the Standard EN 50267-2-1, EN 50267-1-2, EN 60754-1, EN 60754-2.
- Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard): up to 650° C.
- Reduced radius of curvature permits to fit the bends properly against the wall.
- Snap conduit clips which can be installed alone or in line.
- Made in compliance with the Standards EN 61386-1, EN 61386-21.

CE

**IP40**

GREY RAL 7035

## 90° Bend to connect two conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | RADIUS OF CURVATURE mm | PACKAGING PIECES |
|---|---|---|---|
| **ECCRS16H** | 16 | 54 | 50/1000 |
| **ECCRS20H** | 20 | 67 | 50/600 |
| **ECCRS25H** | 25 | 85 | 25/300 |
| **ECCRS32H** | 32 | 110 | -/100 |
| **ECCRS40H** | 40 | 138 | -/100 |
| **ECCRS50H** | 50 | 172 | -/50 |

## Couplings to connect two conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECGSU16H** | 16 | 80 | 100/1200 |
| **ECGSU20H** | 20 | 80 | 100/800 |
| **ECGSU25H** | 25 | 80 | 50/500 |
| **ECGSU32H** | 32 | 100 | 25/250 |
| **ECGSU40H** | 40 | 110 | 25/150 |
| **ECGSU50H** | 50 | 120 | 25/100 |

## Snap conduit clips

| ITEM | CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|
| **ECCF16** | 16 | 100/1500 |
| **ECCF20** | 20 | 100/1000 |
| **ECCF25** | 25 | 100/1000 |
| **ECCF32** | 32 | 50/800 |
| **ECCF40** | 40 | 50/400 |
| **ECCF50** | 50 | 25/250 |

HALOGEN Free



**Series CRSH**



**Series GSU**



**Series CF**

# ACCESSORIES CORRUGATED CONDUITS - GROUND BOXES **SERIES GFLEX / TFLEX / POZ.**

**MAIN TECHNICAL FEATURES:**

- Material: Transparent or grey self-extinguishing polyethylene.
- Self-extinguishing V0 degree according to UL94 standard.
- Smooth external surface.
- Conduit holding inner ribs
- Colour code GFLEX: G = Grey.

CE

COLORLESS

**IP40**

GREY RAL 7035

## Coupling for two pliable conduits with the same diameter

| ITEM | CONDUIT DIAMETER mm | LENGHT mm | PACKAGING PIECES |
|---|---|---|---|
| **ECGFLEX16** | 16 | 50 | 100/2000 |
| **ECGFLEX20** | 20 | 55 | 100/1200 |
| **ECGFLEX25** | 25 | 55 | 100/700 |
| **ECGFLEX32** | 32 | 60 | 50/400 |
| **ECGFLEX40** | 40 | 80 | -/300 |
| **ECGFLEX50** | 50 | 90 | -/150 |

## Caps to avoid foreign bodies getting inside the corrugated conduits

| ITEM | CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|
| **ECTFLEX16** | 16 | 100/2000 |
| **ECTFLEX20** | 20 | 100/2000 |
| **ECTFLEX25** | 25 | 100/1500 |
| **ECTFLEX32** | 32 | 50/800 |
| **ECTFLEX40** | 40 | 50/500 |
| **ECTFLEX50** | 50 | 50/300 |

## Watertight PP ground box with carriageable cover.

| ITEM | EXTERNAL DIMENSIONS mm | INTERNAL DIMENSIONS mm | LOAD CARRING CAPACITY kN | PACKAGING PIECES |
|---|---|---|---|---|
| **ECPOZ.25** | 250x250 | 220x220 | 2,10 | 1 |

## PP ground box with carriageable cover

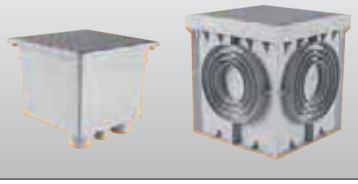
| ITEM | EXTERNAL DIMENSIONS mm | INTERNAL DIMENSIONS mm | LOAD CARRING CAPACITY kN | PACKAGING PIECES |
|---|---|---|---|---|
| **ECPOZ.20** | 200x200 | 160x160 | 2,10 | 1 |
| **ECPOZ.30** | 300x300 | 250x250 | 7,39 | 1 |
| **ECPOZ.40** | 400x400 | 350x350 | 9,57 | 1 |



**Series GFLEX**



**Series TFLEX**



**Series POZ.**

# SPIRAL FLEXIBLE CONDUIT-BOX STRAIGHT JOINT **SERIES GX**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base.
- Self-extinguishing V0 degree according to UL94 standard.
- Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard): up to 960° C.
- Flexible spiral conduits inlet with self locking thread.
- Rotating upper part; complete with assembled lock nut.

CE

GREY RAL 7035

**IP65**

BLACK

## GAS Thread – to connect the spiral flexible conduit with the box

| GREY ITEM | BLACK ITEM | SPIRAL CONDUIT DIAMETER mm | THREAD inch | PACKAGING PIECES |
|---|---|---|---|---|
| **ECGX10** | **ECGX10N** | 10 | 1/4' | 25/500 |
| **ECGX12** | **ECGX12N** | 12 | 3/8' | 25/500 |
| **ECGX14** | **ECGX14N** | 14 | 1/2' | 25/400 |
| **ECGX16** | **ECGX16N** | 16 | 1/2' | 25/350 |
| **ECGX20** | **ECGX20N** | 20 | 3/4' | 25/250 |
| **ECGX22** | **ECGX22N** | 22 | 3/4' | 25/250 |
| **ECGX25** | **ECGX25N** | 25 | 1' | 10/150 |
| **ECGX28** | **ECGX28N** | 28 | 1' | 10/120 |
| **ECGX32** | **ECGX32N** | 32 | 1' e 1/4 | 10/90 |
| **ECGX35** | **ECGX35N** | 35 | 1' e 1/4 | 10/70 |
| **ECGX40** | **ECGX40N** | 40 | 1' e 1/2 | 10/60 |
| **ECGX50** | **ECGX50N** | 50 | 2' | 10/50 |

## Metric thread 1,5 mm - to connect the spiral flexible conduit with the box

| GREY ITEM | BLACK ITEM | SPIRAL CONDUIT DIAMETER mm | THREAD PITCH | THREAD DIAMETER | PACKAGING PIECES |
|---|---|---|---|---|---|
| **ECGX10M** | **ECGX10MN** | 10 | metric 1,5 mm | 15 mm | 25/500 |
| **ECGX12M** | **ECGX12MN** | 12 | metric 1,5 mm | 16 mm | 25/500 |
| **ECGX16M** | **ECGX16MN** | 16 | metric 1,5 mm | 20 mm | 25/350 |
| **ECGX20M** | **ECGX20MN** | 20 | metric 1,5 mm | 25 mm | 25/250 |
| **ECGX25M** | **ECGX25MN** | 25 | metric 1,5 mm | 32 mm | 10/150 |
| **ECGX32M** | **ECGX32MN** | 32 | metric 1,5 mm | 40 mm | 10/90 |
| **ECGX40M** | **ECGX40MN** | 40 | metric 1,5 mm | 50 mm | 10/60 |
| **ECGX50M** | **ECGX50MN** | 50 | metric 1,5 mm | 55 mm | 10/50 |



**Series GX**



**Series GXN**

# SPIRAL FLEXIBLE CONDUIT-BOX STRAIGHT JOINT **SERIES GX**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base.
- Self-extinguishing V0 degree according to UL94 standard.
- Resistance to abnormal heat (Glow Wire Test according to IEC 60695-2-11 standard): up to 960° C.
- Flexible spiral conduits inlet with self locking thread.
- Rotating upper part; complete with assembled lock nut.

CE

GREY RAL 7035

BLACK

**IP65**

## PG Thread – to connect the spiral flexible conduit with the box

| GREY ITEM | BLACK ITEM | SPIRAL CONDUIT DIAMETER mm | THREAD PITCH | THREAD DIAMETER | PACKAGING PIECES |
|---|---|---|---|---|---|
| **ECGX10-9** | **ECGX10-9N** | 10 | PG 9 | 15 mm | 25/500 |
| **ECGX12-11** | **ECGX12-11N** | 12 | PG 11 | 18,5 mm | 25/500 |
| **ECGX12-13** | **ECGX12-13N** | 12 | PG 13,5 | 20 mm | 25/500 |
| **ECGX14-13** | **ECGX14-13N** | 14 | PG 13,5 | 20 mm | 25/400 |
| **ECGX16-11** | **ECGX16-11N** | 16 | PG 11 | 18,5 mm | 25/350 |
| **ECGX16-13** | **ECGX16-13N** | 16 | PG 13,5 | 20 mm | 25/350 |
| **ECGX16-16** | **ECGX16-16N** | 16 | PG 16 | 22 mm | 25/350 |
| **ECGX20-21** | **ECGX20-21N** | 20 | PG 21 | 28 mm | 25/250 |
| **ECGX22-21** | **ECGX22-21N** | 22 | PG 21 | 28 mm | 25/250 |
| **ECGX25-29** | **ECGX25-29N** | 25 | PG 29 | 37 mm | 10/150 |
| **ECGX28-29** | **ECGX28-29N** | 28 | PG 29 | 37 mm | 10/120 |
| **ECGX32-36** | **ECGX32-36N** | 32 | PG 36 | 47 mm | 10/90 |
| **ECGX35-36** | **ECGX35-36N** | 35 | PG 36 | 47 mm | 10/70 |



**Series GX**



**Series GXN**

# CONDUIT CLIPS **SERIES C**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on ABS base or PA6 - PA6.6 nylon.
- Self-extinguishing V2 degree according to UL94 standard.
- Lateral hooks for installation in a row
- Modular base to be installed on the GC guide.
- Slotted base to facilitate the alignment of the installations.
- Made in compliance with the Standards EN 61386-1 as applicable.

CE

GREY RAL 7035

## Halogen free snap conduit clips

| ITEM | CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|
| **ECCF16** | 16 | 100/1500 |
| **ECCF20** | 20 | 100/1000 |
| **ECCF25** | 25 | 100/1000 |
| **ECCF32** | 32 | 50/800 |
| **ECCF40** | 40 | 50/400 |
| **ECCF50** | 50 | 25/250 |

## Adjustable collar clips with quick closing collar - **new model**

new!

| ITEM | CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|
| **ECCFC16** | 16 | 100/1000 |
| **ECCFC20** | 20 | 100/1000 |
| **ECCFC25** | 25 | 100/800 |
| **ECCFC32** | 32 | 50/500 |
| **ECCFC40** | 40 | 50/400 |
| **ECCFC50** | 50 | 25/250 |

## Modular and extensible PVC fixing guide for CF and CFC series

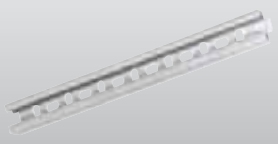
| ITEM | LENGHT mm | PACKAGING PIECES |
|---|---|---|
| **ECGC** | 200 | -/400 |



**Series CF**



**Series CFC**



**Series GC**

# CONDUIT CLIPS **SERIES C**

**MAIN TECHNICAL FEATURES:**

- Material: shock resistant technopolymer on rigid PVC base or PA6 - PA6.6 nylon.
- Self-extinguishing V0/V2 degree according to UL94 standard.
- Base with small holes in order to line up the conduits.
- Embedded plug with fixing flaps.
- Made in compliance with the Standards EN 61386-1 as applicable.
- Tensile strength of the CFF tie equal to 100N.

CE

GREY RAL 7035

## Conduit clips with plug and steel screw

| ITEM | CONDUIT DIAMETER mm | PLUG DIAMETER mm | PACKAGING PIECES |
|---|---|---|---|
| **ECCT16** | 16 | 6 | 100/1000 |
| **ECCT20** | 20 | 6 | 100/1000 |
| **ECCT25** | 25 | 6 | 100/800 |
| **ECCT32** | 32 | 8 | 50/400 |

## Clamp conduit clips - multidiameter

| ITEM | MIN. CONDUIT DIAMETER mm | MAX.CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|---|
| **ECC12** | 12 | 20 | 100/1400 |
| **ECC16** | 14 | 22 | 100/1000 |
| **ECC25** | 23 | 35 | 50/500 |
| **ECC50** | 38 | 50 | 50/250 |

## Tie conduit clips

| ITEM | MIN. CONDUIT DIAMETER mm | MAX. CONDUIT DIAMETER mm | PACKAGING PIECES |
|---|---|---|---|
| **ECCFF1** | 16 | 32 | 100/1400 |
| **ECCFF2** | 32 | 63 | 50/700 |



**Series CT**



**Series C**



**Series CFF**

# ROUND CLIPS AND PLUGS **SERIES TC / GT / GP**

**MAIN TECHNICAL FEATURES ROUND CLIPS:**

- Material: BP polyethylene. HB self-extinguishing according to the Standard UL94.
- Incorporated galvanized steel nail.
- Available in white or grey.
- Made in compliance with the Standards EN 61386-1 as applicable.

CE

WHITE RAL 9001

GREY RAL 7035

**MAIN TECHNICAL FEATURES PLUGS:**

- Material: PA6 - PA6.6 Nylon. HB self-extinguishing according to the Standard UL94
- Plugs with fixing flaps.
- Supplied With self-tapping screws.

## Round clips with assembled steel nail

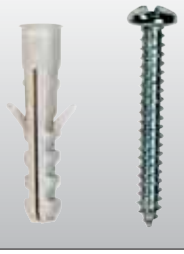
| WHITE ITEM | GREY ITEM | CONDUIT OR CABLE DIAMETER mm | PIECES FOR BAG NR. | BAGS FOR PACKAGING | PACKAGING PIECES |
|---|---|---|---|---|---|
| **ECGT4BW50** | **ECGT4GW50** | 3 - 4 | 50 | 400 | 20000 |
| **ECGT6BW50** | **ECGT6GW50** | 5 - 6 | 50 | 240 | 12000 |
| **ECGT7BW50** | **ECGT7GW50** | 6 - 7 | 50 | 240 | 12000 |
| **ECGT8BW50** | **ECGT8GW50** | 7 - 8 | 50 | 200 | 10000 |
| **ECGT10BW50** | **ECGT10GW50** | 9 - 10 | 50 | 120 | 6000 |
| **ECGT13BW50** | **ECGT13GW50** | 13 - 14 | 50 | 100 | 5000 |
| **ECGT16BW50** | **ECGT16GW50** | 15 - 16 | 50 | 80 | 4000 |
| **ECGT19BW50** | **ECGT19GW50** | 19 - 20 | 50 | 60 | 3000 |
| **ECGT25BW50** | **ECGT25GW50** | 25 - 26 | 50 | 32 | 1600 |

## Plugs with screws

| ITEM | PLUG DIMENSION mm | SCREW DIMENSION mm | PACKAGING PIECES |
|---|---|---|---|
| **ECTC5** | 5 | 3x30 | 100/6000 |
| **ECTC6** | 6 | 4x35 | 100/5000 |
| **ECTC8** | 8 | 5x40 | 100/3000 |
| **ECTC10** | 10 | 6x45 | 100/1500 |



**Series GT**



**Series TC**

# NYLON CABLE DRAW TAPES **SERIES S3 / S4**

**MAIN TECHNICAL FEATURES:**

- Material: nylon with high flexibility and traction resistance.
- Tip with steel spring.
- Brass eyelet for cable hooking.
- Single package with plastic film.

CE

## Ø 3 mm nylon cable draw tape

| ITEM | LENGHT m | PACKAGING PIECES |
|---|---|---|
| **ECS3-05** | 5 | 340 |
| **ECS3-10** | 10 | 180 |
| **ECS3-15** | 15 | 120 |
| **ECS3-20** | 20 | 90 |
| **ECS3-25** | 25 | 70 |
| **ECS3-30** | 30 | 60 |

## Ø 4 mm nylon cable draw tape

| ITEM | LENGHT m | PACKAGING PIECES |
|---|---|---|
| **ECS4-05** | 5 | 200 |
| **ECS4-10** | 10 | 100 |
| **ECS4-15** | 15 | 60 |
| **ECS4-20** | 20 | 50 |
| **ECS4-25** | 25 | 40 |
| **ECS4-30** | 30 | 36 |



# PA6.6 NYLON CABLE TIES **SERIES 800**

**MAIN TECHNICAL FEATURES:**

- Material: PA6.6 nylon.
- Self-extinguishing V2 degree t according to the Standard UL94.
- Installation temperature: from -40° C to +85° C.
- High resistance to mineral oils and grease.
- Product complying with UL Standard.
- Reference Standard : EN 62275.

CE

NATURAL

## Natural PA6.6 nylon cable ties

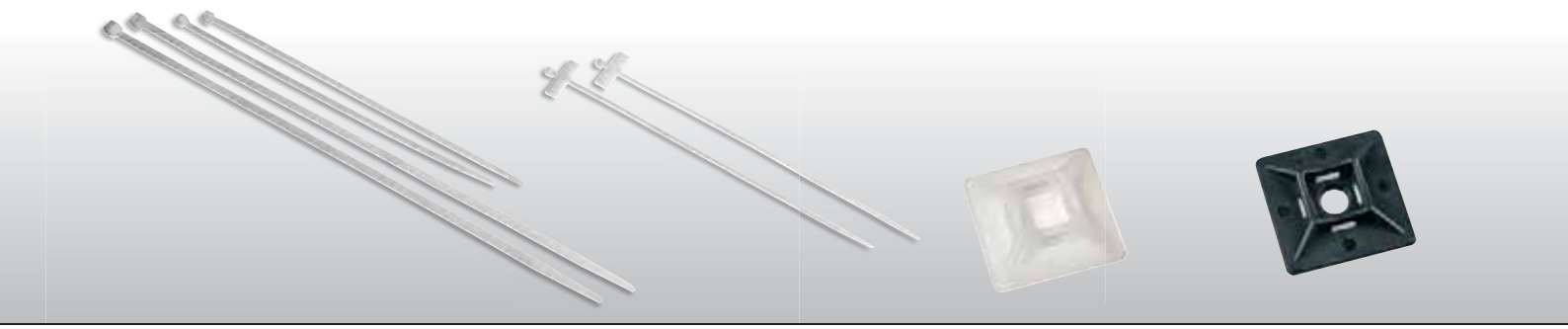
| ITEM | DIMENSIONS mm | MAX BUNDLE DIAMETER mm | MINIMUM RESISTANCE TO STRESS Kg | PACKAGING PIECES |
|---|---|---|---|---|
| **EC8008024** | 80x2,4 | 15 | 8,0 | 100/5000 |
| **EC8001025** | 100x2,5 | 22 | 8,1 | 100/5000 |
| **EC8001225** | 120x2,5 | 33 | 8,1 | 100/5000 |
| **EC8001625** | 160x2,5 | 38 | 8,1 | 100/5000 |
| **EC8002025** | 200x2,5 | 53 | 8,1 | 100/5000 |
| **EC8001436** | 140x3,6 | 33 | 18,2 | 100/5000 |
| **EC8002036** | 200x3,6 | 53 | 18,2 | 100/5000 |
| **EC8002936** | 290x3,6 | 76 | 18,2 | 100/5000 |
| **EC8001648** | 160x4,8 | 38 | 22,2 | 100/5000 |
| **EC8002048** | 200x4,8 | 50 | 22,2 | 100/5000 |
| **EC8002548** | 250x4,8 | 60 | 22,2 | 100/5000 |
| **EC8002948** | 290x4,8 | 76 | 22,2 | 100/4000 |
| **EC8003648** | 360x4,8 | 102 | 22,2 | 100/3000 |
| **EC8004348** | 430x4,8 | 110 | 22,2 | 100/3000 |
| **EC8002976** | 290x7,6 | 76 | 54,4 | 100/2000 |
| **EC8003676** | 360x7,6 | 102 | 54,4 | 100/2000 |
| **EC8004390** | 430x9,0 | 110 | 79,4 | 100/1000 |
| **EC8005390** | 530x9,0 | 140 | 79,4 | 100/1000 |

## Natural cable ties for label

| ITEM | DIMENSIONS mm | MAX BUNDLE DIAMETER mm | MINIMUM RESISTANCE TO STRESS Kg | PACKAGING PIECES |
|---|---|---|---|---|
| **EC8701025** | 100x2,5 | 18 | 8,1 | 100/5000 |
| **EC8702025** | 200x2,5 | 50 | 8,1 | 100/5000 |

## Natural or black 2-way adhesive base

| ITEM NATURAL | ITEM BLACK | DIMENSIONS mm | MAX TIE WIDTH mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC83036** | **EC84036** | 19x19 | 3,6 | 100/5000 |
| **EC83048** | **EC84048** | 27x27 | 4,8 | 100/5000 |



# PA6.6 NYLON CABLE TIES **SERIES 810**

**MAIN TECHNICAL FEATURES:**

- Material: PA6.6 black nylon.
- Self-extinguishing V2 degree t according to the Standard UL94.
- Installation temperature: from -40° C to +85° C.
- High resistance to mineral oils and grease.
- Product complying with UL Standard.
- Reference Standard : EN 62275.

CE

BLACK

## Black PA 6.6 nylon cable ties

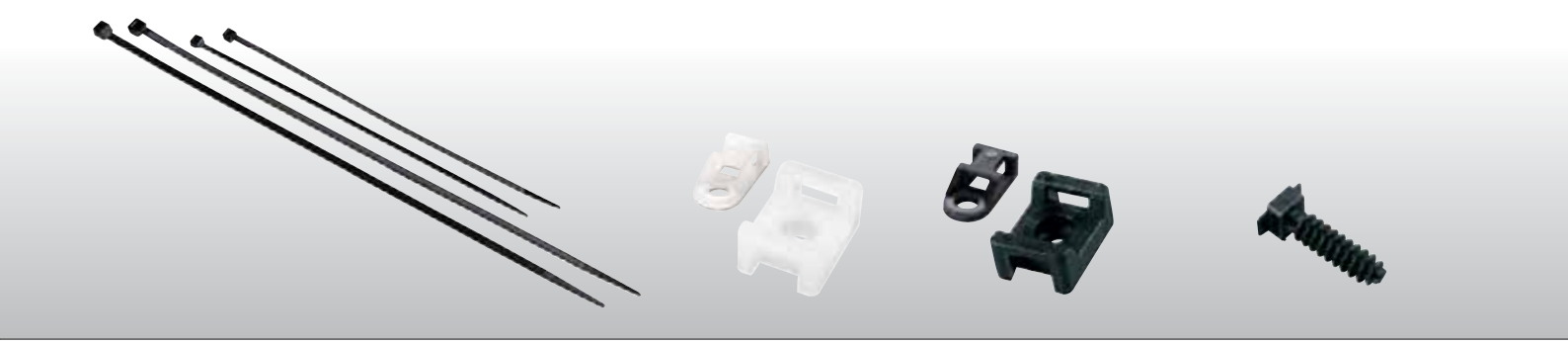
| ITEM | DIMENSIONS mm | MAX BUNDLE DIAMETER mm | MINIMUM RESISTANCE TO STRESS Kg | PACKAGING PIECES |
|---|---|---|---|---|
| **EC8108024** | 80x2,4 | 15 | 8,0 | 100/5000 |
| **EC8101025** | 100x2,5 | 22 | 8,1 | 100/5000 |
| **EC8101225** | 120x2,5 | 33 | 8,1 | 100/5000 |
| **EC8101625** | 160x2,5 | 38 | 8,1 | 100/5000 |
| **EC8102025** | 200x2,5 | 53 | 8,1 | 100/5000 |
| **EC8101436** | 140x3,6 | 33 | 18,2 | 100/5000 |
| **EC8102036** | 200x3,6 | 53 | 18,2 | 100/5000 |
| **EC8102936** | 290x3,6 | 76 | 18,2 | 100/5000 |
| **EC8101648** | 160x4,8 | 38 | 22,2 | 100/5000 |
| **EC8102048** | 200x4,8 | 50 | 22,2 | 100/5000 |
| **EC8102548** | 250x4,8 | 60 | 22,2 | 100/5000 |
| **EC8102948** | 290x4,8 | 76 | 22,2 | 100/4000 |
| **EC8103648** | 360x4,8 | 102 | 22,2 | 100/3000 |
| **EC8104348** | 430x4,8 | 110 | 22,2 | 100/3000 |
| **EC8102976** | 290x7,6 | 76 | 54,4 | 100/2000 |
| **EC8103676** | 360x7,6 | 102 | 54,4 | 100/2000 |
| **EC8104390** | 430x9,0 | 110 | 79,4 | 100/1000 |
| **EC8105390** | 530x9,0 | 140 | 79,4 | 100/1000 |

## Natural or black screw fixable supports

| ITEM NATURAL | ITEM BLACK | DIMENSIONS mm | MAX TIE WIDTH mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC85048** | **EC86048** | 15x9,5 | 4,8 | 100/5000 |
| **EC85090** | **EC86090** | 22x16 | 9,0 | 100/5000 |

## Plug for cable ties

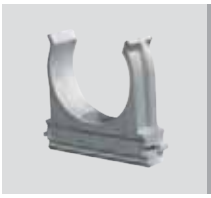
| ITEM | PLUG DIMENSION mm | MAX RESISTANCE TO STRESS Kg | PACKAGING PIECES |
|---|---|---|---|
| **EC88085** | 8 | 50 | 100/5000 |



# CHOICE TABLE FOR SPIRAL FLEXIBLE CONDUITS AND FITTINGS

| | | SPIRAL CONDUIT INTERNAL DIAMETER | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MODEL | DESCRI-PTION | Ø 8 | Ø 10 | Ø 12 | Ø 14 | Ø 16 | Ø 20 | Ø 22 | Ø 25 | Ø 28 | Ø 32 | Ø 35 | Ø 40 | Ø 50 | Ø 60 |
|  | SPIRAL FLEXIBLE CONDUIT | ECGFE8 | ECGFE10 | ECGFE12 | ECGFE14 | ECGFE16 | ECGFE20 | ECGFE22 | ECGFE25 | ECGFE28 | ECGFE32 | ECGFE35 | ECGFE40 | ECGFE50 | ECGFE60 |
|  | BOX STRAIGHT JOINT GAS THREAD | - | ECGX10 | ECGX12 | ECGX14 | ECGX16 | ECGX20 | ECGX22 | ECGX25 | ECGX28 | ECGX32 | ECGX35 | ECGX40 | ECGX50 | - |
|  | BOX STRAIGHT JOINT PG THREAD | - | ECGX10/9 | ECGX12/11<br>ECGX12/13 | ECGX14/13 | ECGX16/11<br>ECGX16/13<br>ECGX16/16 | ECGX20/21 | ECGX22/21 | ECGX25/29 | ECGX28/29 | ECGX32/36 | ECGX35/36 | - | - | - |
|  | BOX STRAIGHT JOINT MET. THREAD | - | - | ECGX12M | - | ECGX16M | ECGX20M | - | ECGX25M | - | ECGX32M | ECGX35M | ECGX40M | ECGX50M | - |

# CHOICE TABLE FOR FIXING SYSTEMS








| | ITEM | | | | | |
|---|---|---|---|---|---|---|
| DIAMETER CONDUIT mm | SNAP CONDUIT CLIPS | COLLAR CONDUIT CLIPS | FIXING GUIDE | CONDUIT CLIPS WITH PLUG | CLAMP CONDUIT CLIPS Ø CONDUIT MIN. - MAX | TIE CLIPS Ø CONDUIT MIN. - MAX |
| 16 | ECCF16 | ECCFC16 | ECGC | ECCT16 | ECC12<br>12 - 20 | ECCFF1<br>16 - 32 |
| 20 | ECCF20 | ECCFC20 | ECGC | ECCT20 | ECC16<br>14 - 22 | ECCFF1<br>16 - 32 |
| 25 | ECCF25 | ECCFC25 | ECGC | ECCT25 | ECC25<br>23 - 35 | ECCFF1<br>16 - 32 |
| 32 | ECCF32 | ECCFC32 | ECGC | ECCT32 | ECC25<br>23 - 35 | ECCFF1<br>16 - 32 |
| 40 | ECCF40 | ECCFC40 | ECGC | - | ECC50<br>38 - 50 | ECCFF2<br>32 - 63 |
| 50 | ECCF50 | ECCFC50 | ECGC | - | ECC50<br>38 - 50 | ECCFF2<br>32 - 63 |

# CHOICE TABLE FOR RIGID CONDUIT ACCESSORIES

## IP67

**patented system**

| | NUOVO SECURITY SYSTEM | | | | e@sysystem | | | |
|---|---|---|---|---|---|---|---|---|
| **CONDUIT DIAMETER mm** |  |  |  |  |  |  |  |  |
| **ITEM** | **CONDUIT BOX JOINT** | **COUPLING** | **RIGID-FLEXIBLE CONDUIT** | **90° BEND** | **CONDUIT BOX JOINT** | **COUPLING** | **RIGID-FLEXIBLE CONDUIT** | **90° BEND** |
| 16 | EC74116 | EC74016 | EC74216 | EC74316 | EC70016 | EC71016 | EC72016 | EC73016 |
| 20 | EC74120 | EC74020 | EC74220 | EC74320 | EC70020 | EC71020 | EC72020 | EC73020 |
| 25 | EC74125 | EC74025 | EC74225 | EC74325 | EC70025 | EC71025 | EC72025 | EC73025 |
| 32 | EC74132 | EC74032 | EC74232 | EC74332 | EC70032 | EC71032 | EC72032 | EC73032 |
| 40 | EC74140 | EC74040 | EC74240 | EC74340 | EC70040 | EC71040 | EC72040 | EC73040 |
| 50 | EC74150 | EC74050 | EC74250 | EC74350 | EC70050 | EC71050 | EC72050 | EC73050 |

## IP65

| **CONDUIT DIAMETER mm** |  |  |  |  |  |  |  | |
|---|---|---|---|---|---|---|---|---|
| **ITEM** | **CONDUIT BOX JOINT** | **COUPLING** | **RIGID-FLEXIBLE CONDUIT** | **RIGID-FLEXIBLE =CONDUIT** | **90° BEND** | **CONDUIT CONDUIT FLEXIBLE BEND** | **CONDUIT BOX FLEXIBLE BEND** | |
| 16 | ECBS16 | ECMS16 | ECGS16 (12 mm) | ECRS16 | ECCS16 | ECCXT16 | ECCXS16 | |
| 20 | ECBS20 | ECMS20 | ECGS20 (16 mm) | ECRS20 | ECCS20 | ECCXT20 | ECCXS20 | |
| 25 | ECBS25 | ECMS25 | ECGS25 (20 mm) | ECRS25 | ECCS25 | ECCXT25 | ECCXS25 | |
| 32 | ECBS32 | ECMS32 | ECGS32 (25 mm) | ECRS32 | ECCS32 | ECCXT32 | ECCXS32 | |
| 40 | ECBS40 | ECMS40 | ECGS40 (32 mm) | ECRS40 | ECCS40 | ECCXT40 | ECCXS40 | |
| 50 | ECBS50 | ECMS50 | ECGS50 (40 mm) | ECRS50 | ECCS50 | ECCXT50 | ECCXS50 | |

## IP40

| **CONDUIT DIAMETER mm** |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|
| **ITEM** | **90° BEND** | **FLEXIBLE BEND** | **INSPECTIONABLE 90° BEND** | **INSPECTIONABLE T-JOINT** | **COUPLING** | **SMOOTH JOINT** | **FLEXIBLE CONDUIT/BOX COUPLING** | **CONDUIT BENDING STELL SPRING** |
| 16 | ECCRS16 | ECCV16 | ECCI16 | ECTI16 | ECGSU16 | ECGI16 | ECRM16-23 | ECAC16 |
| 20 | ECCRS20 | ECCV20 | ECCI20 | ECTI20 | ECGSU20 | ECGI20 | ECRM20-23/29 | ECAC20 |
| 25 | ECCRS25 | ECCV25 | ECCI25 | ECTI25 | ECGSU25 | ECGI25 | ECRM25-29 | ECAC25 |
| 32 | ECCRS32 | ECCV32 | ECCI32 | ECTI32 | ECGSU32 | ECGI32 | ECRM32-37 | ECAC32 |
| 40 | ECCRS40 | | | | ECGSU40 | ECGI40 | ECRM40-37 | |
| 50 | ECCRS50 | | | | ECGSU50 | ECGI50 | ECRM50-48 | |

# CABLE GLANDS
# TERMINAL BLOCKS



# 4

## MAIN TECHNICAL FEATURES CABLE GLANDS

Material: made of rigid 6.6 Nylon, gaskets made of EPDM rubber with high grip performance.
Self-extinguishing degree V2 according to UL94 standard.
For external installations: high resistance to ageing and UV rays.
Protection degree: IP68 (watertight at submersion).
Standard colours: Grey RAL 7035 or black.
Resistance to abnormal heat: up to 750°C (Glow Wire Test according to IEC 60695-2-11 standard).
Temperature installation range: min. –30°C, max +90°C.
Max. operating temperature for a limited time: up to 120°C.
Tensile cable strength resistance: tested up to 5 kg for 1 hour.
Metric thread manufactured according to EN 50262 standard and PG thread according to DIN 40430 standard.
Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).
Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.



Cable glands PG thread
Series 500 page 363



Cable glands PG thread with
assembled lock nut Series 510/510N
page 363



Cable glands metric thread with
assembled lock nut Series 540
page 364



Lock nuts Series 520
page 365



Gaskets Series 530
page 365



PG/Metric threaded caps
page 366



Unipolar terminal blocks
Series 890 page 367

# MAIN TECHNICAL FEATURES




ELETTROCANALI cable glands are manufactured with high quality rigid technopolymer (6.6 nylon), resistant to oils and greases; they are suitable for heavy duties. Their resistance to UV rays and to aging is a fundamental characteristic which permit to use the them outdoors an in exposed areas.
The cylindrical seal made of EPDM rubber, together with the gasket to be inserted in the housing of the gland assures the protection degree IP68 and the tensile strength, in accordance with the relevant reference standards.
The shape of the tulip system with a progressive closing, present both in the version with PG-thread and in the one with metric thread, allows a tear-resistant locking distributed on the whole seal.
The cable gland has an anti-screwing cap, in order to avoid loosening under resonant vibrations.
The range has 10 different sizes, available in two colours, grey and black, with metric and PG threads, with or without assembled lock nut.
In combination with our junction boxes, modular enclosures and boards, cable glands ensure the necessary protection degree requested for the system.

# CABLE GLANDS PG **SERIES 500-510**

**MAIN TECHNICAL FEATURES:**

- Material: made of rigid PA 6.6 nylon, gaskets made of EPDM rubber.
- Self-extinguishing degree V2 according to UL94 standard.
- PG thread.
- Assembled lock-nut (510).
- Made in compliance with DIN 40430 standard.
- Packed in strong cardboard boxes suitable for transport and storage.

CE

GREY RAL 7035

**IP68**

BLACK

## PG-Threaded cable glands series without lock nut series 500

| ITEM GREY | ITEM BLACK | THREAD | MIN - MAX CLAMPING DIAMETER mm | ASSEMBLING HOLE DIAMETER mm | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC50007** | - | PG 7 | 3 - 6,5 | 12,5 | 50/1200 |
| **EC50009** | - | PG 9 | 4 - 8 | 15,5 | 50/1200 |
| **EC50011** | - | PG 11 | 5 - 10 | 19 | 50/600 |
| **EC50013** | - | PG 13,5 | 6 - 12 | 20,5 | 50/600 |
| **EC50016** | - | PG 16 | 9 - 14 | 22,5 | 50/300 |
| **EC50021** | - | PG 21 | 13 - 18 | 29 | 50/300 |
| **EC50029** | - | PG 29 | 15 - 25 | 37 | 25/150 |
| **EC50036** | - | PG 36 | 20 - 31 | 47 | 15/90 |
| **EC50042** | - | PG 42 | 28 - 38 | 54 | 10/60 |
| **EC50048** | - | PG 48 | 34 - 43 | 60 | 5/30 |

## PG-Threaded cable glands with assembled lock nut series 510

| ITEM GREY | ITEM BLACK | THREAD | MIN - MAX CLAMPING DIAMETER mm | ASSEMBLING HOLE DIAMETER mm | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC51007** | **EC51007N** | PG 7 | 3 - 6,5 | 12,5 | 50/1200 |
| **EC51009** | **EC51009N** | PG 9 | 4 - 8 | 15,5 | 50/1200 |
| **EC51011** | **EC51011N** | PG 11 | 5 - 10 | 19 | 50/600 |
| **EC51013** | **EC51013N** | PG 13,5 | 6 - 12 | 20,5 | 50/600 |
| **EC51016** | **EC51016N** | PG 16 | 9 - 14 | 22,5 | 50/300 |
| **EC51021** | **EC51021N** | PG 21 | 13 - 18 | 29 | 50/300 |
| **EC51029** | **EC51029N** | PG 29 | 15 - 25 | 37 | 25/150 |
| **EC51036** | **EC51036N** | PG 36 | 20 - 31 | 47 | 15/90 |
| **EC51042** | **EC51042N** | PG 42 | 28 - 38 | 54 | 10/60 |
| **EC51048** | **EC51048N** | PG 48 | 34 - 43 | 60 | 5/30 |



**Series 500**



**Series 510**



**Series 510N**

# METRIC THREADED CABLE GLANDS WITH ASSEMBLED LOCK NUT **SERIES 540**

**MAIN TECHNICAL FEATURES:**

- Material: made of rigid PA 6.6 nylon, gaskets made of EPDM rubber.
- Self-extinguishing degree V2 according to UL94 standard.
- Metric 1,5 mm thread.
- Assembled lock-nut.
- Made in compliance with EN 50262 standard.
- Packed in strong cardboard boxes suitable for transport and storage.

**IP68**

GREY RAL 7035

## Metric-Threaded cable glands with assembled lock nut series 540

| ITEM | THREAD mm | MIN - MAX CLAMPING DIAMETER mm | ASSEMBLING HOLE DIAMETER mm | PACKAGING PIECES |
|---|---|---|---|---|
| **EC54016** | 16x1,5 | 5 - 10 | 16,5 | 100/600 |
| **EC54020** | 20x1,5 | 6 - 12 | 20,5 | 100/600 |
| **EC54025** | 25x1,5 | 9 - 14 | 25,5 | 50/300 |
| **EC54032** | 32x1,5 | 15 - 25 | 32,5 | 25/150 |
| **EC54040** | 40x1,5 | 20 - 31 | 40,5 | 15/90 |
| **EC54050** | 50x1,5 | 28 - 38 | 50,5 | 10/60 |



**Series 540**

# LOCK NUTS AND GASKETS **SERIES 520 / 530**

**MAIN TECHNICAL FEATURES LOCK NUTS:**

- Material: made of rigid PA 6.6 nylon .
- Self-extinguishing V2 degree to UL94 standard.
- Packed in strong cardboard boxes suitable for transport and storage.

**MAIN TECHNICAL FEATURES GASKETS:**

- Material: made of EPDM rubber.
- High resistance to compression.
- Packed in strong cardboard boxes suitable for transport and storage.



CE

GREY RAL 7035

## PG-threaded lock nuts

| ITEM | THREAD | PACKAGING PIECES |
|---|---|---|
| **EC52007** | PG 7 | 50/1000 |
| **EC52009** | PG 9 | 50/1000 |
| **EC52011** | PG 11 | 50/1000 |
| **EC52013** | PG 13,5 | 50/1000 |
| **EC52016** | PG 16 | 50/500 |
| **EC52021** | PG 21 | 50/500 |
| **EC52029** | PG 29 | 25/500 |
| **EC52036** | PG 36 | 25/500 |
| **EC52042** | PG 42 | 10/500 |
| **EC52048** | PG 48 | 10/500 |

## Metric threaded lock nuts

| ITEM | THREAD mm | PACKAGING PIECES |
|---|---|---|
| **EC52016M** | 16x1,5 | 50/500 |
| **EC52020M** | 20x1,5 | 50/500 |
| **EC52025M** | 25x1,5 | 25/500 |
| **EC52032M** | 32x1,5 | 25/300 |
| **EC52040M** | 40x1,5 | 10/300 |
| **EC52050M** | 50x1,5 | 10/300 |

## Gaskets for PG-threaded cable glands

| ITEM | THREAD | PACKAGING PIECES |
|---|---|---|
| **EC53007** | PG 7 | 100/1000 |
| **EC53009** | PG 9 | 100/1000 |
| **EC53011** | PG 11 | 100/1000 |
| **EC53013** | PG 13,5 | 100/1000 |
| **EC53016** | PG 16 | 100/500 |
| **EC53021** | PG 21 | 100/500 |
| **EC53029** | PG 29 | 100/500 |
| **EC53036** | PG 36 | 50/500 |
| **EC53042** | PG 42 | 50/500 |
| **EC53048** | PG 48 | 50/500 |

## Gaskets for metric threaded cable glands

| ITEM | INTERNAL HOLE mm | PACKAGING PIECES |
|---|---|---|
| **EC53016M** | 16,5 | 100/1000 |
| **EC53020M** | 20,5 | 100/1000 |
| **EC53025M** | 25,5 | 100/500 |
| **EC53032M** | 32,5 | 100/500 |
| **EC53040M** | 40,5 | 50/500 |
| **EC53050M** | 50,5 | 50/500 |

# THREADED CAPS **SERIES 522 / 523**

**MAIN TECHNICAL FEATURES:**

- Material: Made of PA 6.6 technopolymer.
- Self-extinguishing degree V2 according to UL94 standard.
- Resistance to abnormal heat: up to 650°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Metric thread 1,5 mm.

CE

GREY RAL 7035

## PG Threaded Caps

| ITEM | THREAD DIAMETER | CAP DIAMETER mm | HEIGHT mm | THREAD LENGHT mm | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC52207** | PG7 | 14,8 | 10,0 | 6,0 | 100/1000 |
| **EC52209** | PG9 | 18,7 | 10,4 | 6,0 | 100/1000 |
| **EC52211** | PG11 | 21,7 | 10,4 | 6,0 | 100/1000 |
| **EC52213** | PG13,5 | 23,7 | 10,3 | 6,0 | 100/1000 |
| **EC52216** | PG16 | 27,0 | 10,3 | 6,0 | 100/1000 |
| **EC52221** | PG21 | 32,8 | 12,5 | 7,8 | 100/1000 |
| **EC52229** | PG29 | 44,1 | 13,3 | 7,8 | 50/500 |
| **EC52236** | PG36 | 52,6 | 13,7 | 7,7 | 50/500 |
| **EC52242** | PG42 | 59,5 | 16,3 | 9,6 | 50 |
| **EC52248** | PG48 | 64,2 | 18,0 | 11,8 | 50 |

## Metric threaded Caps

| ITEM | THREAD DIAMETER | CAP DIAMETER mm | HEIGHT mm | THREAD LENGHT mm | PACKAGING PIECES |
|---|---|---|---|---|---|
| **EC52312** | M12x1,5 | 15,0 | 10,0 | 6,0 | 100/1000 |
| **EC52316** | M16x1,5 | 20,0 | 10,5 | 6,0 | 100/1000 |
| **EC52320** | M20x1,5 | 24,0 | 10,5 | 6,0 | 100/1000 |
| **EC52325** | M25x1,5 | 29,7 | 12,8 | 7,8 | 100/1000 |
| **EC52332** | M32x1,5 | 36,6 | 13,3 | 7,8 | 50/500 |
| **EC52340** | M40x1,5 | 45,8 | 13,4 | 7,8 | 50/500 |
| **EC52350** | M50x1,5 | 55,5 | 16,2 | 9,8 | 50 |
| **EC52363** | M63x1,5 | 69,3 | 17,5 | 11,8 | 50 |



# TERMINAL BLOCKS **SERIES 890**

**MAIN TECHNICAL FEATURES:**

- Material: polycarbonate technopolymer.
- Self-extinguishing degree V0 according to UL94 standard.
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Rated voltage 450V – Max operating temperature 85°C.
- Manufactured with brass alloy CW614N.
- Made in compliance with the Standards EN 60998-1, EN 60998-2-1.

CE

## Transparent unipolar terminal blocks

| ITEM | NOMINAL SECTION | NOTES | PACKAGING BLOCKS/BARS |
|---|---|---|---|
| **EC890010** | 1,5 $mm^2$ | Bar with 10 blocks | 10/900 bars |
| **EC890011** | 2,5 $mm^2$ | Bar with 10 blocks | 10/500 bars |
| **EC890012** | 4 $mm^2$ | Bar with 10 blocks | 10/400 bars |
| **EC890013** | 6 $mm^2$ | Bar with 10 blocks | 10/250 bars |
| **EC890014** | 10 $mm^2$ | Bar with 10 blocks | 10/200 bars |
| **EC890015** | 16 $mm^2$ | Bar with 10 blocks | 10/100 bars |
| **EC890016** | 25 $mm^2$ | Single block | 5/450 blocks |
| **EC890017** | 35 $mm^2$ | Single block | 5/240 blocks |

## Equipotential plates with cover

| ITEM | HOLE NR. | NOMINAL SECTION | PACKAGING PIECES |
|---|---|---|---|
| **EC890020** | 21 | 7x16 $mm^2$ + 3x25 $mm^2$ + 1x50 $mm^2$ | 1/40 |
| **EC890021** | 12 | 4x16 $mm^2$ + 2x25 $mm^2$ | 1/150 |





All electrical installations must comply with the relevant laws in force, namely that the systems must be properly installed, that can be achieved by using well-done equipments and accessories.

## APPROVALS AND CERTIFICATES

ELETTROCANALI has always pursued the global quality of the product and process, in the design, manufacturing and marketing of properly manufactured products, as demonstrated by the Quality System Certification in accordance with standard ISO9001/2015 and the quality approvals given by the most important world certification bodies.




Quality certificate accordino to the Standard ISO 9001-2015.

## "CE" MARKING

ELETTROCANALI confirms that all the products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I) and they have CE mark.

## RoHS REGULATION

ELETTROCANALI has always paid attention to the respect for the environment and to the customers' needs and supplies products complying with the requirements of the European regulation RoHS 2011/65/EU + 2015/863/EU, which obliges manufacturers and distributors of electrical and electronic equipments put into the European market to limit the use of hazardous substances. The Regulation requires that starting from 1st January 2013 all equipments do not contain heavy metals and their compounds such as:-Lead (Pb) - Mercury (Hg) - Cadmium (Cd) - Hexavalent chromium (Cr +6) and some halogenated substances used as flame retardants in plastic raw materials, such as polybrominated-(PDB)-polybrominated diphenyl ethers (PBDEs). Our suppliers' certifications, combined with our controls both of the materials and of the processes ensure the compliance with the Regulation.

## WARRANTY

The warranty we grant for all our products has a duration of 24 months from the date of the invoices and it is understood that during this period we undertake to repair or replace those products or equipment that turns out to be defective and therefore not good for the purposed they are meant to. We reserve the right to decide whether to repair or replace the pieces/equipments. We exclude, however, to send our somebody of our staff to check the electrical systems in which our products are installed, except for the cases where, we think it absolutely necessary to control the operating conditions under which our products have been subjected.
Our warranty is valid only if the products/devices have been properly installed, have not been tampered or modified and all the technical indications and specification indicated in our catalogues and instruction sheets have been strictly observed. The warranty doesn't cover the all parts subject to premature wear as well as natural consuption.
The Customer shall give written notice of the faults and defects reported with regard to their exact nature and we will see to the rapair or the repalcement according to what said above.

## PACKAGING

The packaging of ELETTROCANALI products has been designed and made with particular care in order to gain the following objectives:

- Protection of the packed products.
- Personalization guaranteed by the brand and distinctive graphics.
- Optimisation of the shapes and the volumes of the packages so that they can be easily put on pallets or loaded into different containers.
- Rational and modular storage to make the product handling both in wholesale and retail easier.
- Clear and univocal identification of the product thanks to well dimensioned easy-to-read labels with bar code.
- Low environmental impact obtained by packaging complying with the requirements of the actually regulations on recycling.



ELETTROCANALI packing type



Protective packaging for minipallets of rigid conduits



Protective packaging for pallets of pliable conduits

## TRANSPORT AND LOGISTICS

The strategical location of the production facilities, together with the availability of wide surfaces destined to storage, has undoubtedly favoured the fast expansion and consolidated the good opinion on ELETTROCANALI brand.
Our customer can always rely on the immediate product availability and a quick delivery, where the "just in time" has become a must in order to be competitive.
ELETTROCANALI grants the customers an accurate delivery service, guaranteed by its fleet of commercial vehicles and by a network of partner-forwarders, capable of fulfilling any transport need.



Ancona Vehicle Fleet



Scanzorosciate Vehicle Fleet



Avellino Vehicle Fleet

## TABLE CONCERNING THE RESISTANCE TO ATMOSPHERIC/CHEMICAL AGENTS

| | UV-Rays | Mineral Oil | Saline | Acids | | Bases | | Solvents | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Thinned | Concentrate | Thinned | Concentrate | Exane C6H14 | Benzene C6H6 | Acetone C3H6O | Ethanol C2H5OH |
| SKIRTING BOARD | Resistant | Resistant | Resistant | Resistant | Limited resistance | Resistant | Limited resistance | Not resistant | Not resistant | Limited resistance | Resistant |
| MINITRUNKINGS | Resistant | Resistant | Resistant | Resistant | Limited resistance | Resistant | Limited resistance | Not resistant | Not resistant | Limited resistance | Resistant |
| CABLE TRUNKINGS | Resistant | Resistant | Resistant | Resistant | Limited resistance | Resistant | Limited resistance | Not resistant | Not resistant | Limited resistance | Resistant |
| TRUNKING SYSTEMS FOR AIR CONDITIONING INSTALLATION | Resistant | Resistant | Resistant | Resistant | Limited resistance | Resistant | Limited resistance | Not resistant | Not resistant | Limited resistance | Resistant |
| SLOTTED TRUNKINGS | Resistant | Resistant | Resistant | Resistant | Limited resistance | Resistant | Limited resistance | Not resistant | Not resistant | Limited resistance | Resistant |
| INDUSTRIAL PLUGS AND SOCKETS | Resistant | Resistant | Resistant | Resistant | Limited resistance | Resistant | Resistant | Limited resistance | Not resistant | Not resistant | Resistant |
| DISTRIBUTION BOARDS | Resistant | Limited resistance | Resistant | Resistant | Limited resistance | Resistant | Limited resistance | Limited resistance | Not resistant | Not resistant | Resistant |
| SURFACE MOUNTING POLYESTER BOARDS | Resistant | Resistant | Resistant | Resistant | Limited resistance | Resistant | Limited resistance | Resistant | Resistant | Limited resistance | Resistant |
| WALL AND FLUSH MOUNTING MODULAR ENCLOSURES | Resistant | Limited resistance | Resistant | Resistant | Limited resistance | Resistant | Limited resistance | Limited resistance | Not resistant | Not resistant | Limited resistance |
| WALL MOUNTING JUNCTION BOXES | Resistant | Limited resistance | Resistant | Resistant | Limited resistance | Resistant | Resistant | Resistant | Not resistant | Not resistant | Limited resistance |
| FLUSH MOUNTING JUNCTION BOXES | Limited resistance | Limited resistance | Resistant | Limited resistance | Not resistant | Resistant | Limited resistance | Limited resistance | Not resistant | Not resistant | Limited resistance |
| RIGID AND PLIABLE PVC CONDUITS | Resistant | Resistant | Resistant | Resistant | Limited resistance | Resistant | Limited resistance | Not resistant | Not resistant | Limited resistance | Resistant |
| ACCESSORIES FOR RIGID CONDUITS “SECURITY SYSTEM” | Resistant | Resistant | Resistant | Resistant | Resistant | Resistant | Resistant | Limited resistance | Limited resistance | Resistant | Resistant |
| CABLE TIES | Resistant | Resistant | Resistant | Limited resistance | Limited resistance | Resistant | Limited resistance | Resistant | Resistant | Resistant | Resistant |
| CABLE GLANDS | Resistant | Resistant | Resistant | Limited resistance | Limited resistance | Resistant | Limited resistance | Resistant | Resistant | Resistant | Resistant |

Note: values of acids, bases and solvents rated at 20° C.

## IP PROTECTION DEGREE – Reference Standard EN 60529

The enclosure protection degree against the ingress of solid objects and water is indicated by IP (Ingress protection) followed by two digits; graphic symbols can be added, too.

**FIRST DIGIT**

The first digit indicates the protection of people against access to dangerous parts and simultaneously the protection of the enclosure against ingress of solid foreign bodies or dust.

**IP0X** Not protected.
**IP1X** Protected against solid objects diam. > 50 mm.
**IP2X** Protected against solid objects diam. > 12,5 mm.
**IP3X** Protected against solid objects diam. > 2,5 mm.
**IP4X** Protected against solid objects diam.o > 1 mm.
**IP5X** Protected against dust.
**IP6X** Totally protected against dust.

**SECOND DIGIT**

The second digit indicates the protection level against the ingress of liquids (water).

**IPX0** Not protected.
**IPX1** Protected against vertical water drop.
**IPX2** Protected against vertical water drop, it forms an angle of 15 ° with the vertical.
**IPX3** Protected against vertical water drop, it forms an angle of 60 ° with the vertical.
**IPX4** Protected against sprayed water.
**IPX5** Protected against water jets.
**IPX6** Protected against strong water jets.
**IPX7** Protected against temporary water immersion.
**IPX8** Protected against constant water immersion.

**THIRD ADDITIONAL LETTER (OPTIONAL)**

**A** Protected against access to hazardous parts with the back of a hand.
**B** Protected against access to hazardous parts with a finger.
**C** Protected against access to hazardous parts with a tool.
**D** Protected against access to hazardous parts with a wire.

**FOURTH ADDITIONAL LETTER (OPTIONAL)**

**H** High tension apparatus.
**M** Test with water while apparatus is running.
**S** Test with water while apparatus is stationar.
**W** Wheather conditions.

## Resistance to abnormal heat - Standard IEC 60695-2-11

**Glow Wire Test.** It verifies that abnormal heat caused by overcurrents don't compromise the resistance of the insulating material.

| Heat source | Result | Test lasting and execution | Peculiar elements | Test temperature | Test temperature | Test temperature | Test temperature |
|---|---|---|---|---|---|---|---|
| 4 mm diameter incandescent wire | Possible flame must extinguish within 30" after the incandescent wire is removed | The incandescent wire must touch the product for 30", it can penetrate but not set on fire or generate incandescent drops. | Time for flame extinguishing | 650 °C -For materials that do not support live parts | 750 °C -For materials that support live parts of mobile sockets and plugs | 850 °C -For materials that support live parts of fixed sockets and switches | 960 °C -For materials that support live parts of fixed sockets and switches |

## Self-extinguishing degree - UL94 Standard

**UL Test.** Specimen burning time measurement upon heat source removal.

| Heat source | Result | Test lasting and execution | Peculiar elements | Test result | Test result | Test result | Test result |
|---|---|---|---|---|---|---|---|
| Bunsen burner flame | Flame extinguishing time and burning speed | Flame applied for 10" and for two consequent times | Burning lasting | V0: specimen burning less than 10" before self-extinguishing | V1: specimen burning less than 30" before self-extinguishing | V2: specimen burning less than 30" before self-extinguishing with incandescent drops | HB: specimen burning more than 30" (horizontal position and burning speed less than 38 mm/minute) |

## IK Protection degree against mechanical impact - EN 50102 Standard

**Protection degree against mechanical impact.** Measurement of impact energy.

| IK Code | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Impact energy | Not protected | 0,15 Joule | 0,2 Joule | 0,35 Joule | 0,5 Joule | 0,7 Joule | 1 Joule | 2 Joule | 5 Joule | 10 Joule | 20 Joule |

## Metric cable glands: application table

| THREAD mm | HOLE DIAMETER mm | SUITABLE SPANNER FERRULE | THREAD LENGTH mm |
|---|---|---|---|
| 16x1,5 | 16,5 | 22 | 8,5 |
| 20x1,5 | 20,5 | 25 | 10 |
| 25x1,5 | 25,5 | 30 | 10,5 |
| 32x1,5 | 32,5 | 42 | 11,5 |
| 40x1,5 | 40,5 | 52 | 11,5 |
| 50x1,5 | 50,5 | 63 | 16 |

## PG cable glands: application table

| PG THREAD | HOLE DIAMETER mm | SUITABLE SPANNER FERRULE | THREAD LENGTH mm |
|---|---|---|---|
| PG7 | 12,5 | 16 | 8,5 |
| PG9 | 15,5 | 19 | 8,5 |
| PG11 | 19 | 22 | 8,5 |
| PG13,5 | 20,5 | 24 | 10 |
| PG16 | 22,5 | 27 | 10,5 |
| PG21 | 29 | 33 | 11,5 |
| PG29 | 37 | 42 | 11,5 |
| PG36 | 47 | 50 | 16 |
| PG42 | 54 | 62 | 16,5 |
| PG48 | 60 | 65 | 16,5 |

## Watertights Joints series BS: application table

| THREAD mm | HOLE DIAMETER mm | SUITABLE SPANNER FERRULE | SUITABLE SPANNER NUT | THREAD LENGTH mm |
|---|---|---|---|---|
| 16x1,5 | 16,5 | 22 | 22 | 14,0 |
| 20x1,5 | 20,5 | 26 | 26 | 14,0 |
| 25x1,5 | 25,5 | 31 | 31 | 14,0 |
| 32x1,5 | 32,5 | 40 | 40 | 14,0 |
| 40x1,5 | 40,5 | 48 | 48 | 20,0 |
| 50x1,5 | 50,5 | 58 | 58 | 20,0 |

## Rigid conduits classification 3321 series TG: diameter table

| ITEM | NOMINAL EXTERNAL DIAMETER mm | TOLERANCE | MEDIUM INTERNAL DIAMETER mm |
|---|---|---|---|
| **ECTG1516** | 16 | +0 ÷ -0,3 | 13,3 |
| **ECTG1520** | 20 | +0 ÷ -0,3 | 17,2 |
| **ECTG1525** | 25 | +0 ÷ -0,4 | 21,7 |
| **ECTG1532** | 32 | +0 ÷ -0,4 | 28,3 |
| **ECTG1540** | 40 | +0 ÷ -0,4 | 35,9 |
| **ECTG1550** | 50 | +0 ÷ -0,5 | 45,3 |
| **ECTG1563** | 63 | +0 ÷ -0,6 | 55,5 |

## GAS Thread - Spiral flexible conduit-box straight joint series GX: application table

| THREAD | HOLE DIAMETER mm | SUITABLE SPANNER FERRULE | SUITABLE SPANNER NUT | INTERNAL DIAMETER mm | THREAD LENGTH mm |
|---|---|---|---|---|---|
| ECGX10 | 14 | 22 | 22 | 8,28 | 12 |
| ECGX12 | 16 | 22 | 22 | 9,80 | 12 |
| ECGX14 | 21 | 24 | 24 | 11,88 | 14 |
| ECGX16 | 21 | 27 | 27 | 12,90 | 14 |
| ECGX20 | 26 | 32 | 32 | 16,39 | 18 |
| ECGX22 | 26 | 32 | 32 | 19,40 | 18 |
| ECGX25 | 32 | 40 | 40 | 22,08 | 18 |
| ECGX28 | 32 | 40 | 40 | 25,88 | 18 |
| ECGX32 | 41 | 46 | 50 | 27,69 | 18 |
| ECGX35 | 41 | 46 | 50 | 33,48 | 18 |
| ECGX40 | 48 | 55 | 55 | 36,68 | 18 |
| ECGX50 | 59 | 66 | 66 | 47,01 | 18 |

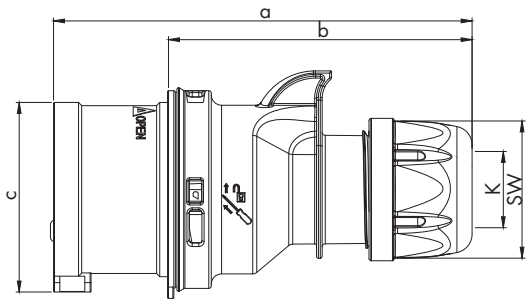
## Metric Thread - Spiral flexible conduit-box straight joint series GX: application table

| THREAD | HOLE DIAMETER mm | SUITABLE SPANNER FERRULE | SUITABLE SPANNER NUT | INTERNAL DIAMETER mm | THREAD LENGTH mm |
|---|---|---|---|---|---|
| ECGX10M | 16 | 22 | 22 | 8,28 | 12 |
| ECGX12M | 16 | 22 | 22 | 9,80 | 12 |
| ECGX16M | 16 | 27 | 27 | 12,90 | 14 |
| ECGX20M | 24 | 32 | 32 | 16,39 | 18 |
| ECGX25M | 32 | 40 | 40 | 22,08 | 18 |
| ECGX32M | 40 | 50 | 50 | 27,69 | 18 |
| ECGX40M | 50 | 58 | 55 | 36,68 | 20 |
| ECGX50M | 56 | 66 | 66 | 47,01 | 19 |

## PG Thread - Spiral flexible conduit-box straight joint series GX: application table

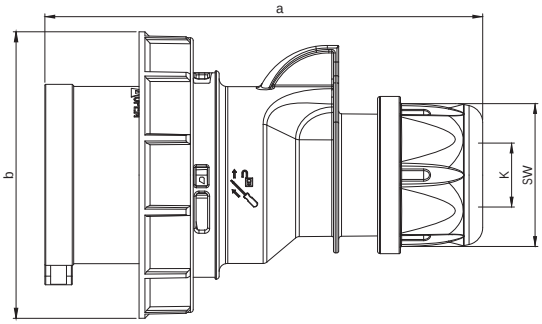
| THREAD | HOLE DIAMETER mm | SUITABLE SPANNER FERRULE | SUITABLE SPANNER NUT | INTERNAL DIAMETER mm | THREAD LENGTH mm |
|---|---|---|---|---|---|
| ECGX10-9 | 15 | 22 | 22 | 8,28 | 12 |
| ECGX12-11 | 19 | 22 | 22 | 9,80 | 12 |
| ECGX12-13 | 20 | 22 | 22 | 9,80 | 12 |
| ECGX14-13 | 20 | 24 | 24 | 11,88 | 14 |
| ECGX16-11 | 18 | 27 | 27 | 12,90 | 14 |
| ECGX16-13 | 20 | 27 | 27 | 12,90 | 14 |
| ECGX16-16 | 22 | 27 | 27 | 12,90 | 14 |
| ECGX20-21 | 29 | 32 | 32 | 16,39 | 18 |
| ECGX22-21 | 29 | 32 | 32 | 19,40 | 18 |
| ECGX25-29 | 37 | 38 | 40 | 22,08 | 18 |
| ECGX28-29 | 37 | 40 | 40 | 25,88 | 18 |
| ECGX32-36 | 47 | 48 | 52 | 27,69 | 18 |
| ECGX35-36 | 47 | 47 | 52 | 33,48 | 18 |

## Mobile plugs type EN 60309 - IP44

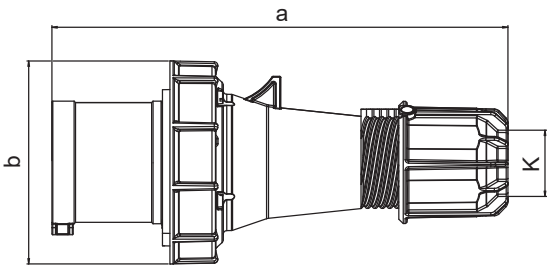



| mm | 16A | | | 32A | | |
|---|---|---|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 122 | 128 | 134 | 150 | 150 | 155 |
| b | 86 | 92 | 98 | 104 | 104 | 109 |
| c | 47 | 53 | 61 | 63 | 63 | 70 |
| K cavo | 6-15 | 6-15 | 8-16 | 11,5-20 | 11,5-20 | 11,5-22 |
| SW | 42 | 42 | 42 | 50 | 50 | 50 |

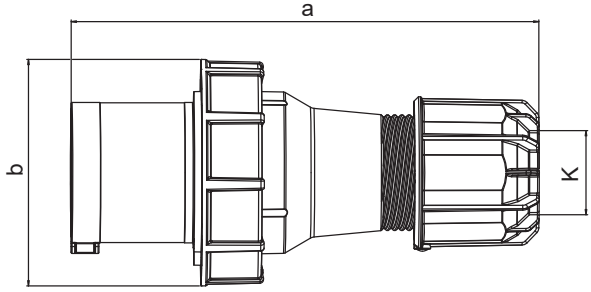
## Mobile plugs type EN 60309 - IP67




| mm | 16A | | | 32A | | |
|---|---|---|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 122 | 128 | 134 | 150 | 150 | 155 |
| b | 71 | 79 | 87 | 93 | 93 | 100 |
| K cavo | 6-15 | 6-15 | 8-16 | 11,5-20 | 11,5-20 | 11,5-22 |
| SW | 42 | 42 | 42 | 50 | 50 | 50 |

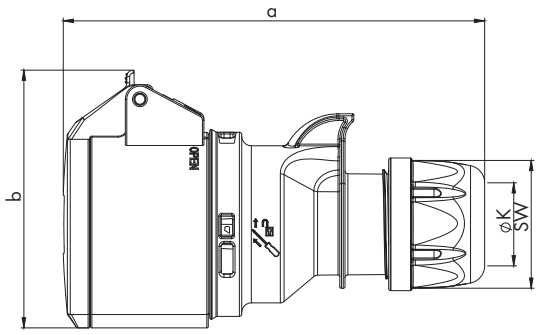



| mm | 63A | | |
|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 257 | 257 | 257 |
| b | 114 | 114 | 114 |
| K | 14,5-36 | 14,5-36 | 14,5-36 |



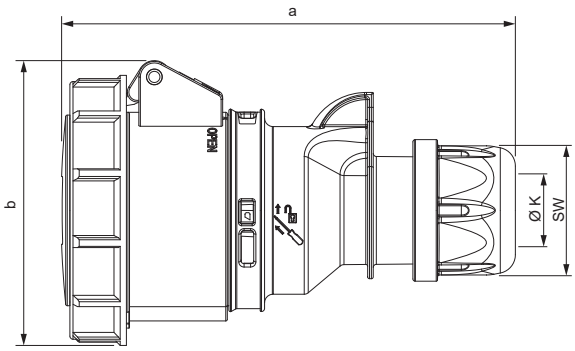

| mm | 125A | | |
|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 270 | 270 | 270 |
| b | 131 | 131 | 131 |
| K | 22,5-50 | 22,5-50 | 22,5-50 |

## Mobile sockets type EN 60309 - IP44

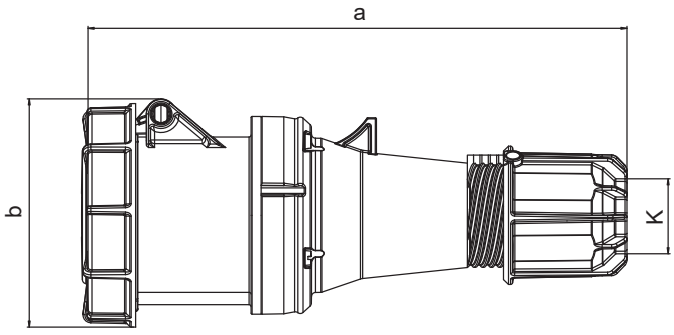



| mm | 16A | | | 32A | | |
|---|---|---|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 133 | 138 | 145 | 161 | 161 | 168 |
| b | 74 | 82 | 89 | 94 | 94 | 99 |
| K cavo | 6-15 | 6-15 | 8-16 | 11,5-20 | 11,5-20 | 11,5-22 |
| SW | 42 | 42 | 42 | 50 | 50 | 50 |

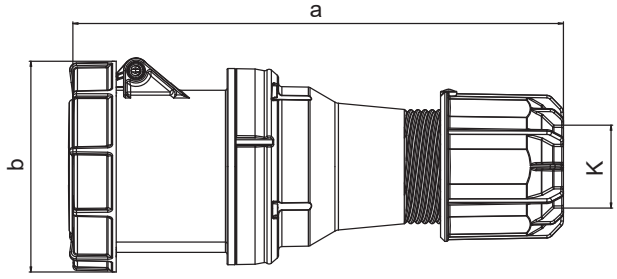
## Mobile sockets type EN 60309 - IP67




| mm | 16A | | | 32A | | |
|---|---|---|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 132 | 139 | 147 | 163 | 163 | 171 |
| b | 78 | 84 | 92 | 96 | 96 | 102 |
| K cavo | 6-15 | 6-15 | 8-16 | 11,5-20 | 11,5-20 | 11,5-22 |
| SW | 42 | 42 | 42 | 50 | 50 | 50 |

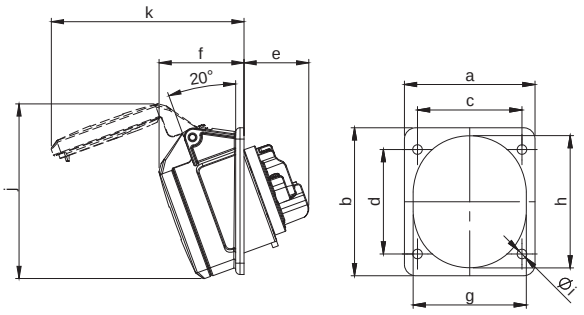



| mm | 63A | | |
|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 269 | 269 | 269 |
| b | 114 | 114 | 114 |
| K | 14,5-36 | 14,5-36 | 14,5-36 |



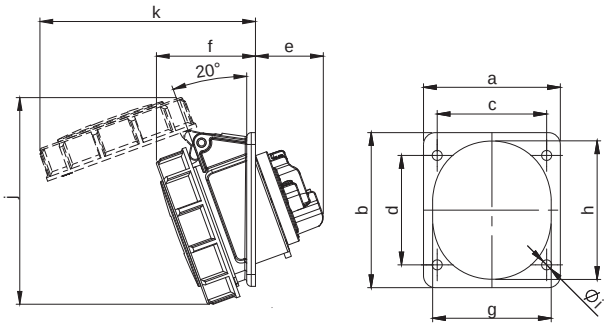

| mm | 125A | | |
|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 287 | 287 | 287 |
| b | 124 | 124 | 124 |
| K | 22,5-50 | 22,5-50 | 22,5-50 |

## Inclined panel sockets type EN 60309 - IP44

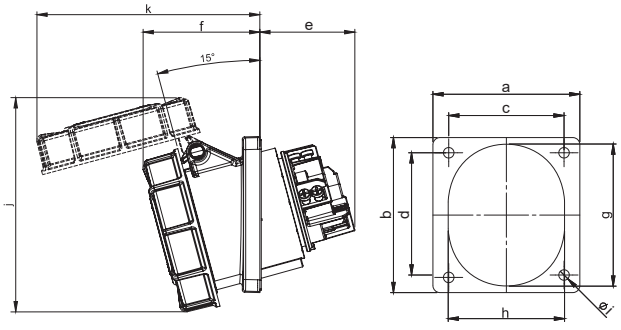



| mm | 16A | | | 32A | | |
|---|---|---|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 75 | 75 | 75 | 80 | 80 | 80 |
| b | 85 | 85 | 85 | 97 | 97 | 97 |
| c | 60 | 60 | 60 | 60 | 60 | 60 |
| d | 60 | 60 | 60 | 73 | 73 | 73 |
| e | 38 | 38 | 39 | 48 | 48 | 48 |
| f | 47 | 47 | 48 | 54 | 54 | 55 |
| g | 51 | 56 | 65 | 65 | 65 | 70 |
| h | 61 | 67 | 76 | 75 | 75 | 80 |
| i | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 |
| j | 85 | 96 | 101 | 105 | 105 | 99 |
| k | 99 | 104 | 111 | 119 | 119 | 130 |

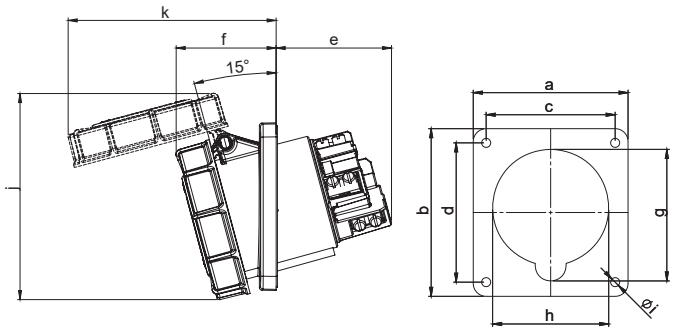
## Inclined panel sockets type EN 60309 - IP67




| mm | 16A | | | 32A | | |
|---|---|---|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 75 | 75 | 75 | 80 | 80 | 80 |
| b | 85 | 85 | 85 | 97 | 97 | 97 |
| c | 60 | 60 | 60 | 60 | 60 | 60 |
| d | 60 | 60 | 60 | 73 | 73 | 73 |
| e | 38 | 38 | 39 | 48 | 48 | 48 |
| f | 49 | 50 | 54 | 59 | 59 | 61 |
| g | 51 | 56 | 65 | 65 | 65 | 70 |
| h | 61 | 67 | 76 | 75 | 75 | 80 |
| i | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 |
| j | 97 | 104 | 114 | 120 | 120 | 127 |
| k | 102 | 111 | 119 | 127 | 127 | 133 |



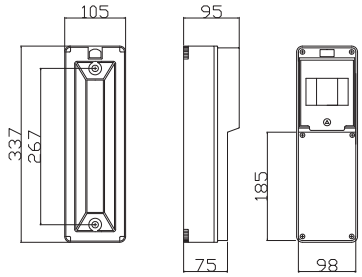

| mm | 63A | | |
|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 100 | 100 | 100 |
| b | 112 | 112 | 112 |
| c | 80 | 80 | 80 |
| d | 88 | 88 | 88 |
| e | 64 | 64 | 64 |
| f | 80 | 80 | 80 |
| g | 92 | 92 | 92 |
| h | 82 | 82 | 82 |
| i | 7 | 7 | 7 |
| j | 148 | 148 | 148 |
| k | 154 | 154 | 154 |



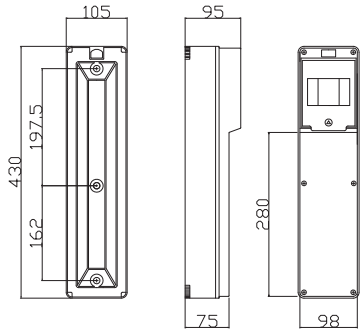

| mm | 125A | | |
|---|---|---|---|
| | 2P+⏚ | 3P+⏚ | 3P+N+⏚ |
| a | 120 | 120 | 120 |
| b | 130 | 130 | 130 |
| c | 100 | 100 | 100 |
| d | 108 | 108 | 108 |
| e | 92 | 92 | 92 |
| f | 77 | 77 | 77 |
| g | 102 | 102 | 102 |
| h | 90 | 90 | 90 |
| i | 7 | 7 | 7 |
| j | 160 | 160 | 160 |
| k | 162 | 162 | 162 |

## Distribution boards Series 690

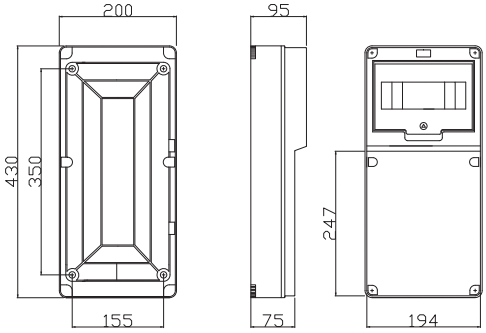
dimensions in mm



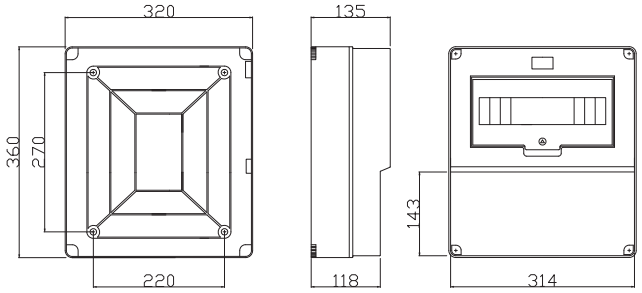

69001/11/21



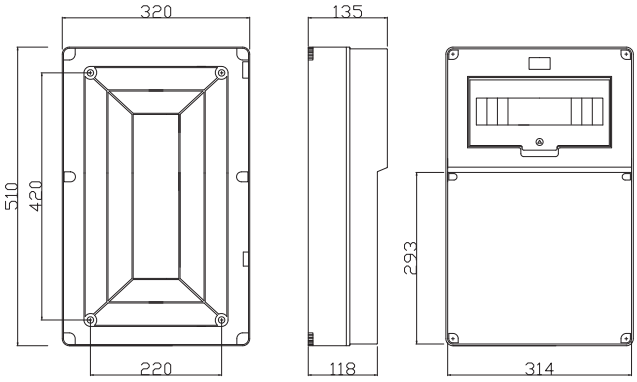

69002/12/22



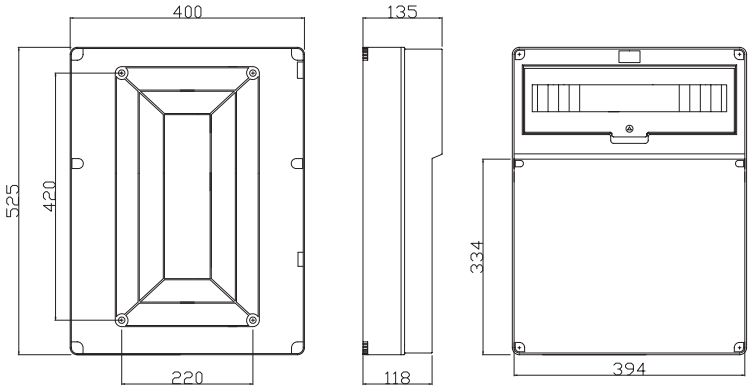

69003/13/23




69004/14/24/34

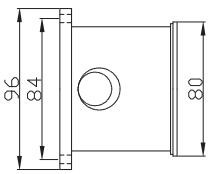



69005/15/25/35/45

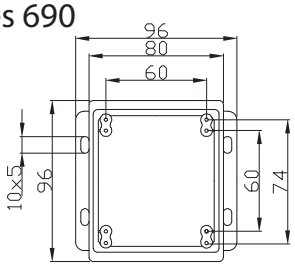



69006/16/26/36/46

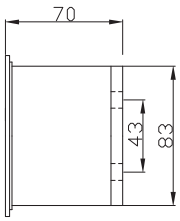
## Inclined/straight box for sockets series 690



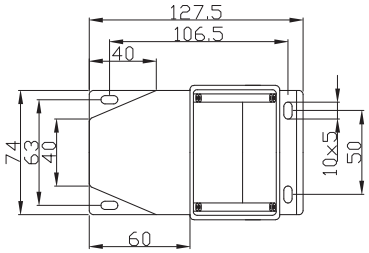

high

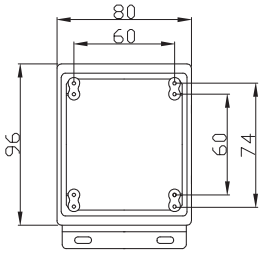


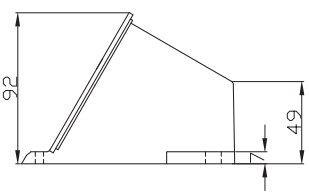

front




side

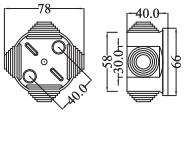


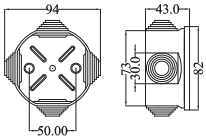



## Junction boxes Series 400

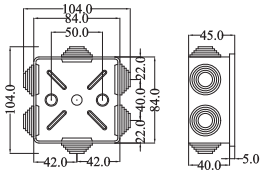
dimensions in mm



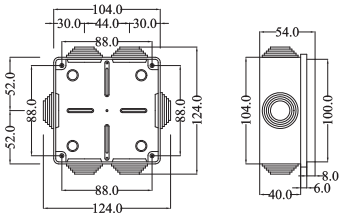

400C1



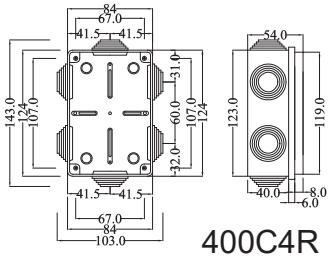

400C2



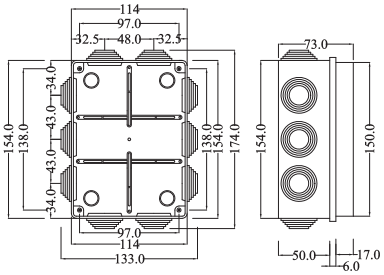

400C3



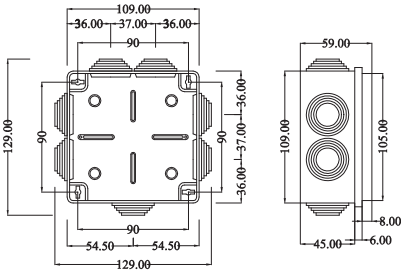

400C4



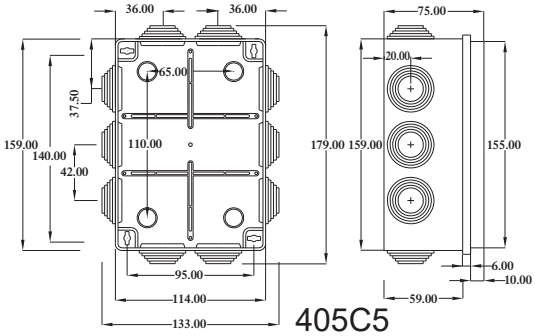

400C4R



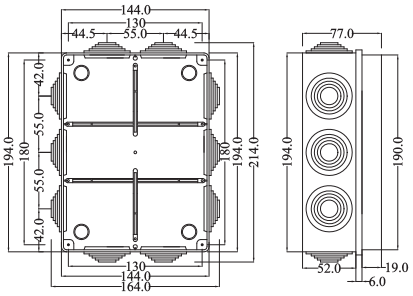

400C5



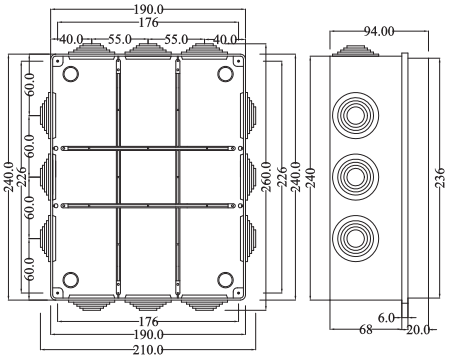

405C4



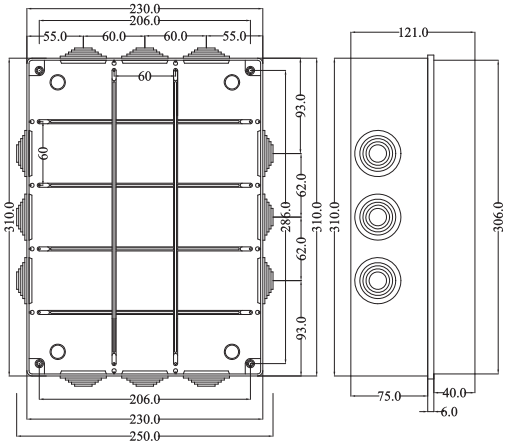

405C5



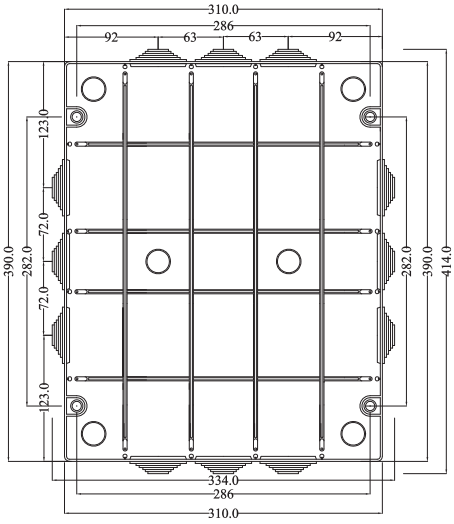

400C6



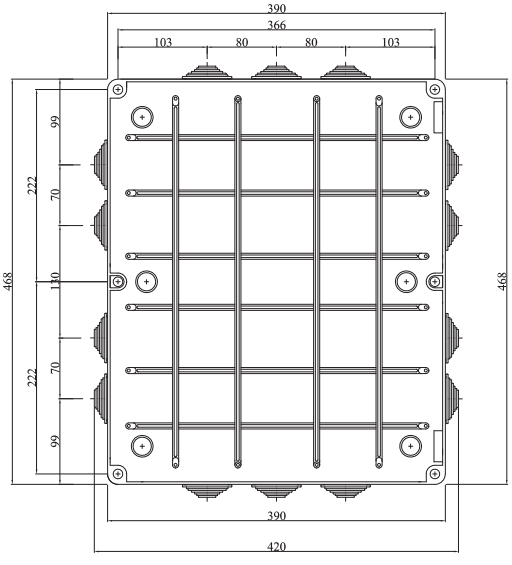

400C7

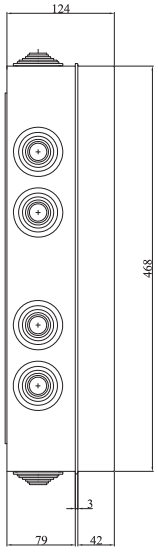



400C8




400C9

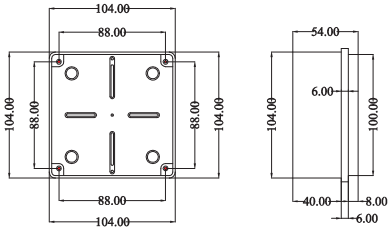


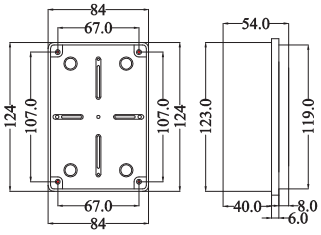

400C10

## Junction boxes Series 410/420/480

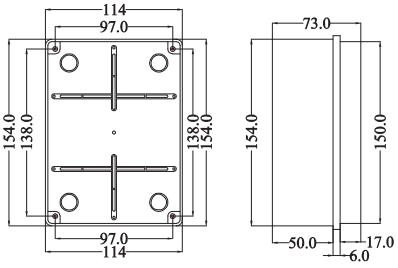
dimensions in mm



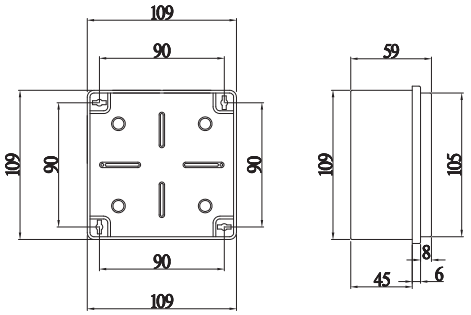

410/480C4



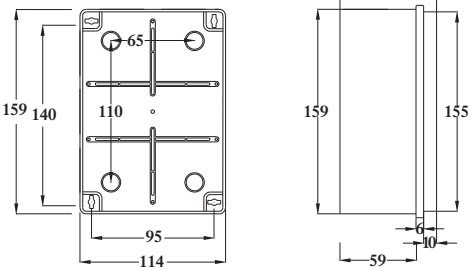

410/480C4R



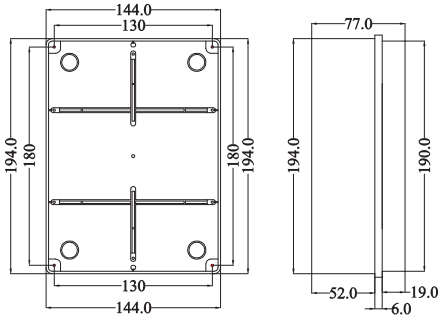

410/420/480C5



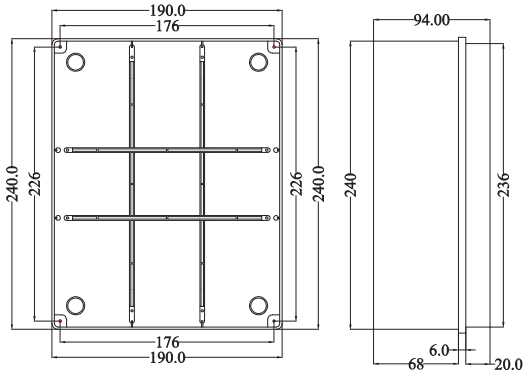

415C4



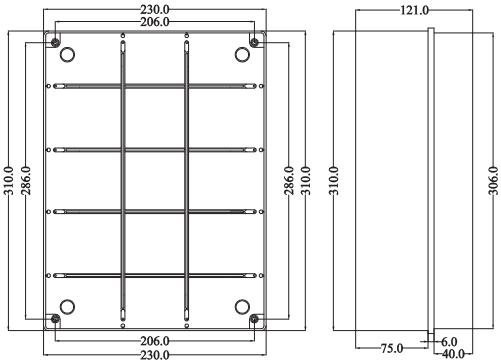

415C5



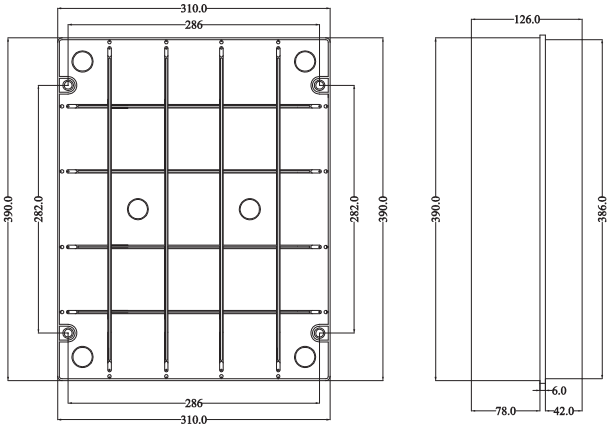

410/420/480C6



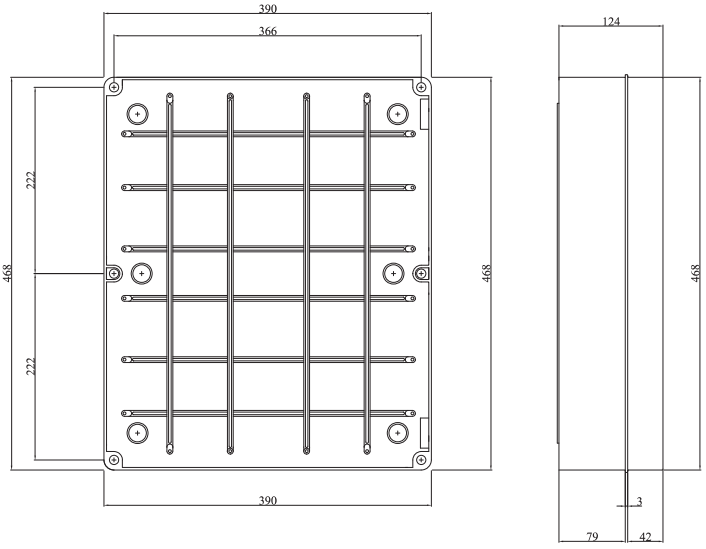

410/420/480C7




410/420/480C8



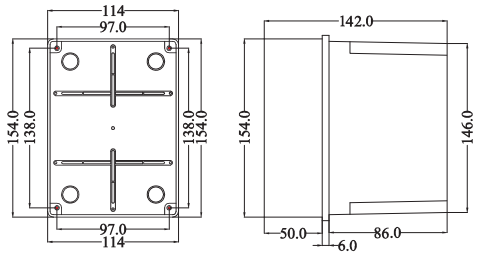

410/420/480C9



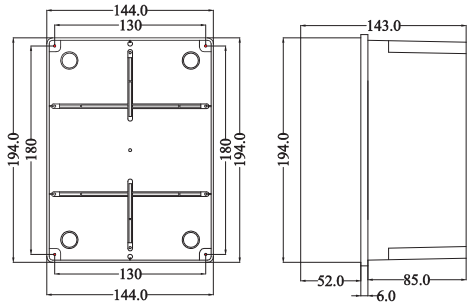

410/420/480C10

## Junction boxes Series 430/440/490

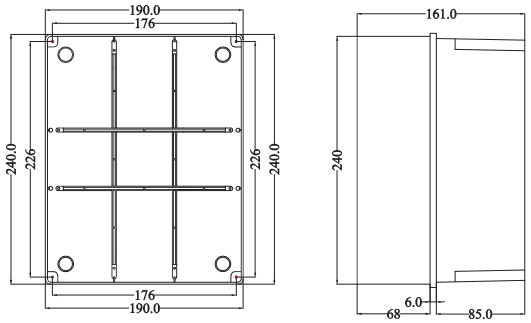
dimensions in mm



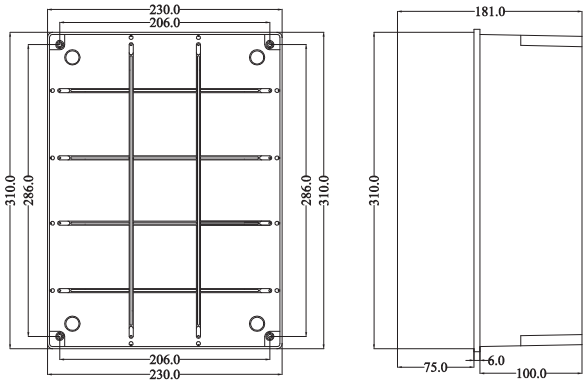

430/440/490C5



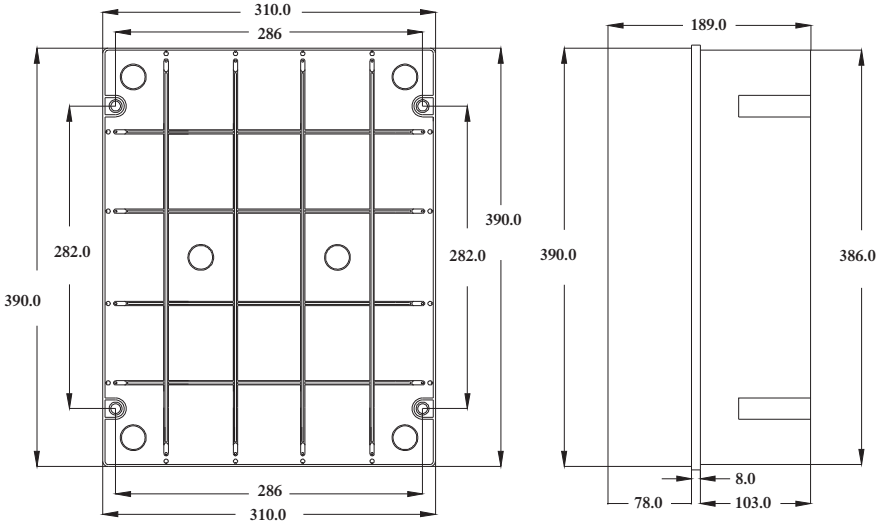

430/440/490C6




430/440/490C7



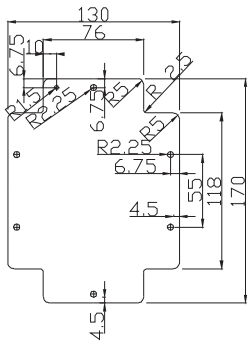

430/440/490C8



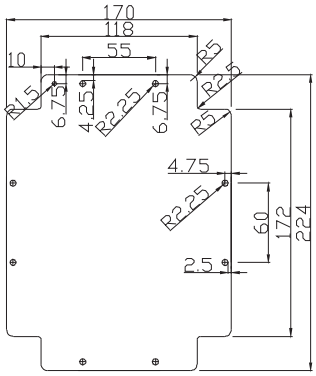

430/440/490C9

## Back plates for junction boxes

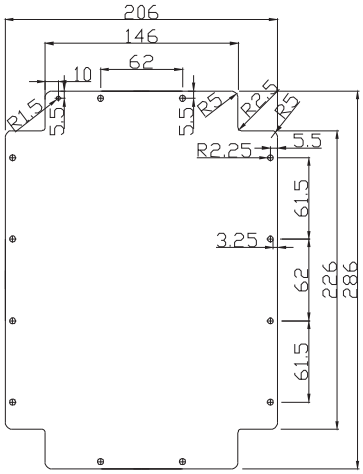
dimensions in mm



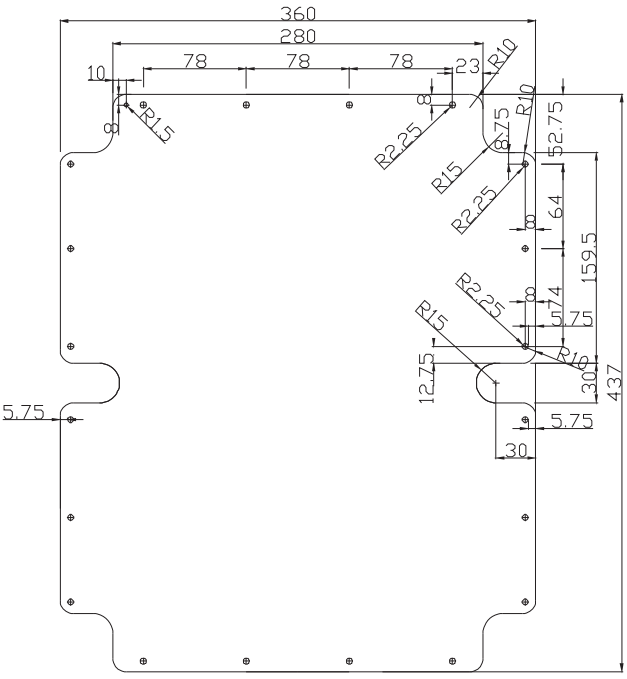

EC450P6-EC451P6



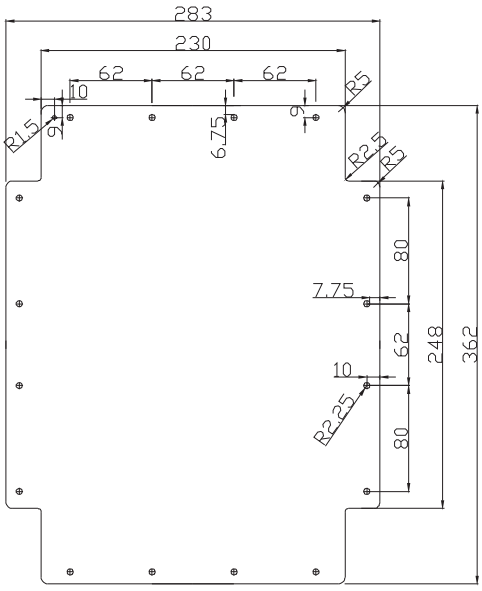

EC450P7-EC451P7




EC450P8-EC451P8




EC450P10-EC451P10



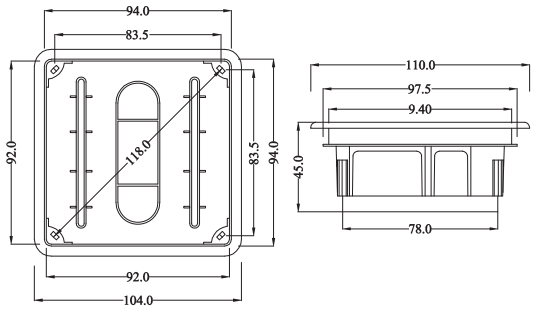

EC450P9-EC451P9

## Hole centre distances for wall mounting junction boxes Series 400/410/420/430/440/480/490

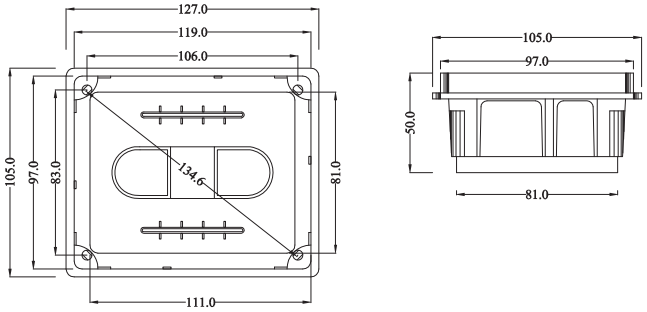
| TYPE | INTERNAL DIMENSIONS mm WxH | FIXING NR. | BASE HOLE CENTRE DISTANCE mm | HEIGHT HOLE CENTRE DISTANCE mm | HEIGHT 2 HOLE CENTRE DISTANCE mm |
|---|---|---|---|---|---|
| C4 | 100x100 | 4 | 60 | 60 | |
| C4R | 120x80 | 4 | 82 | 42 | |
| C5 | 150x110 | 4 | 112 | 72 | |
| C6 | 190x140 | 4 | 151 | 112 | |
| C7 | 240x190 | 4 | 194 | 140 | |
| C8 | 300x220 | 4 | 251 | 171 | |
| C9 | 380x300 | 6 | 332 | 252 | 124 vertical axes |
| C10 | 460x380 | 6 | 380 | 310 | 300 vertical axes |

## Junction boxes Series 350

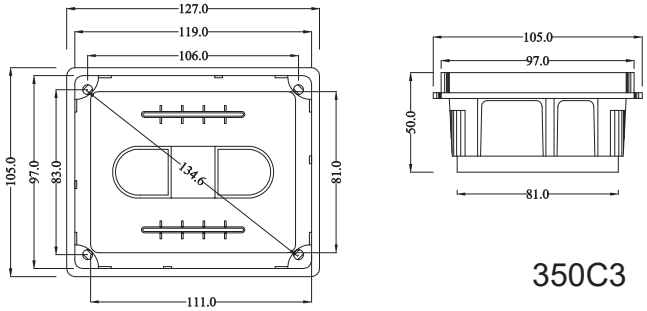
dimensions in mm



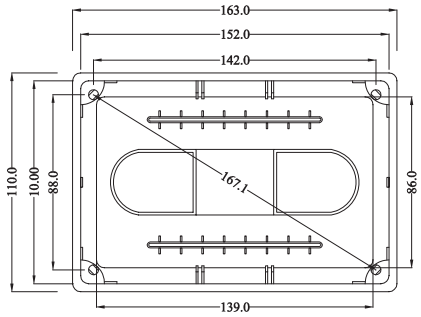

350C1



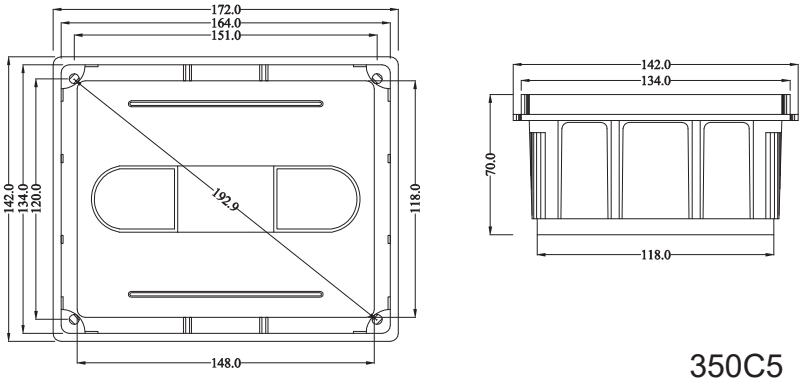

350C2




350C3



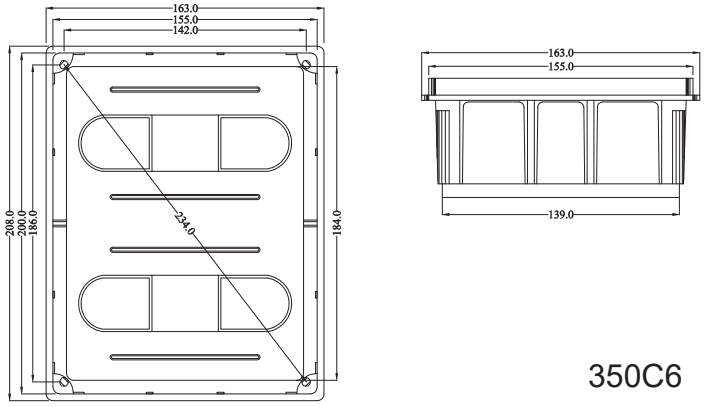

350C4



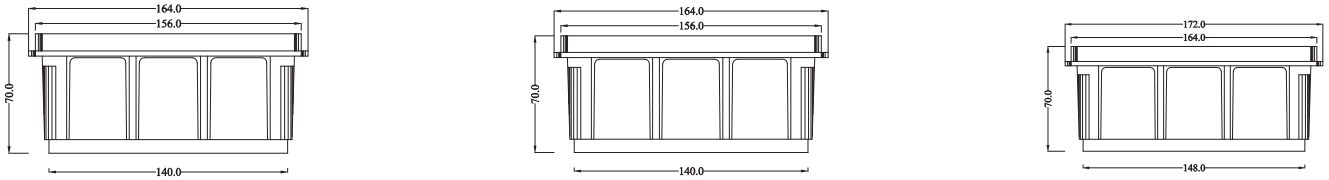

350C5

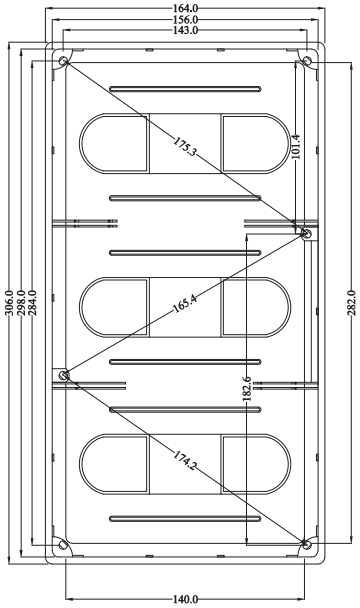
## Junction boxes Series 350

dimensions in mm

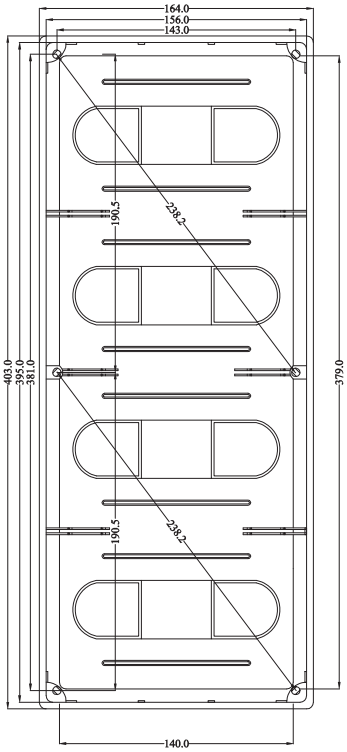



350C6

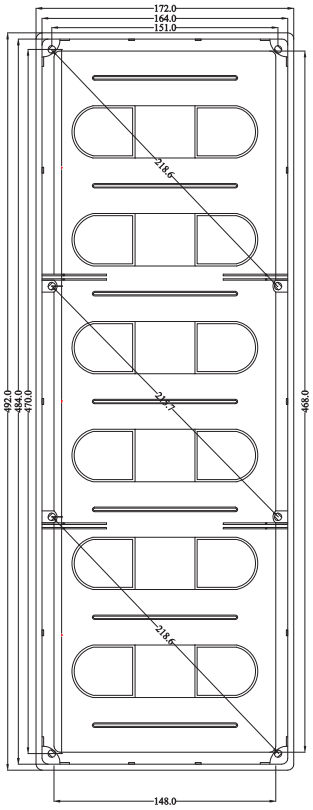



350C7



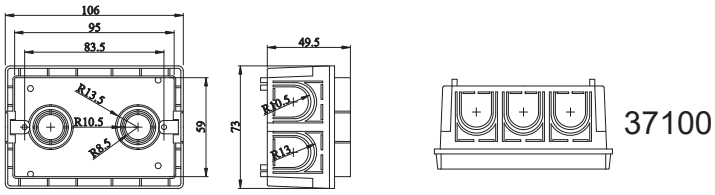

350C8



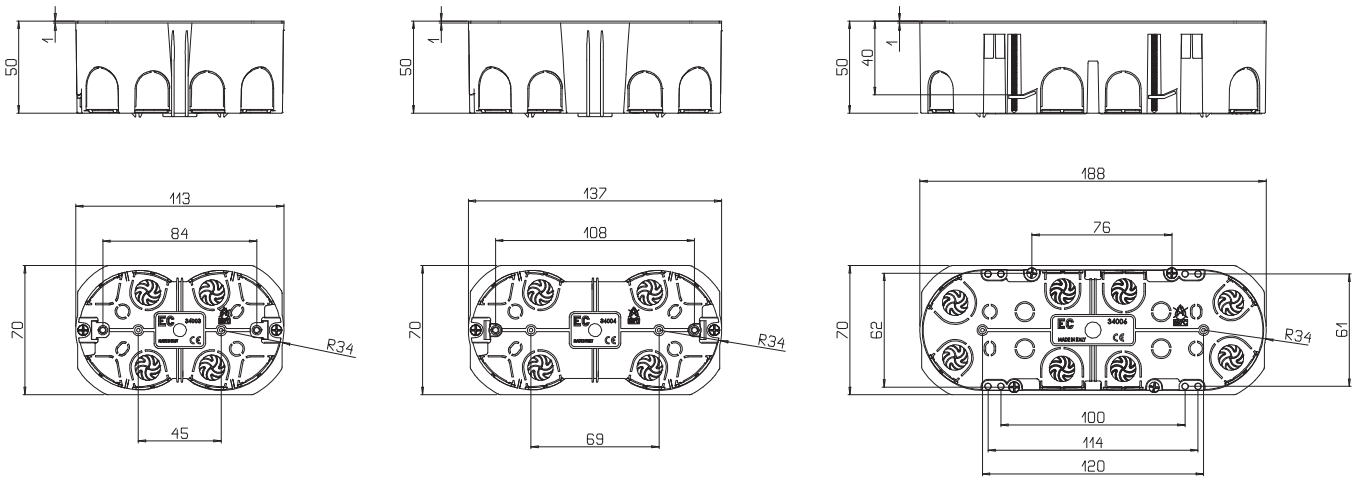

350C9

## Junction boxes Series 370

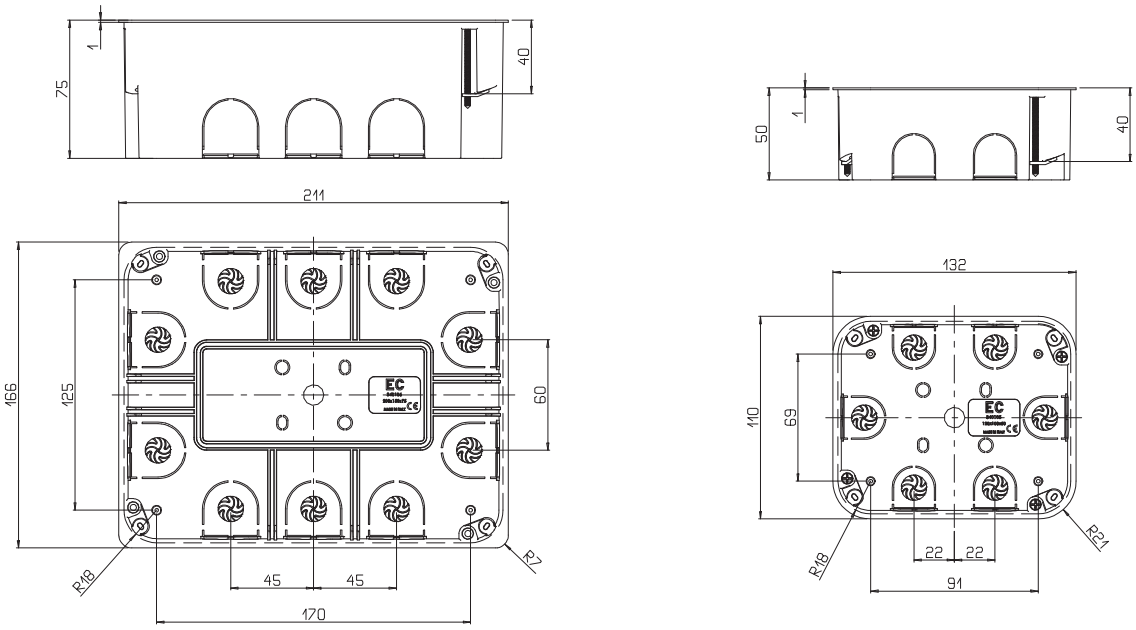
dimensions in mm



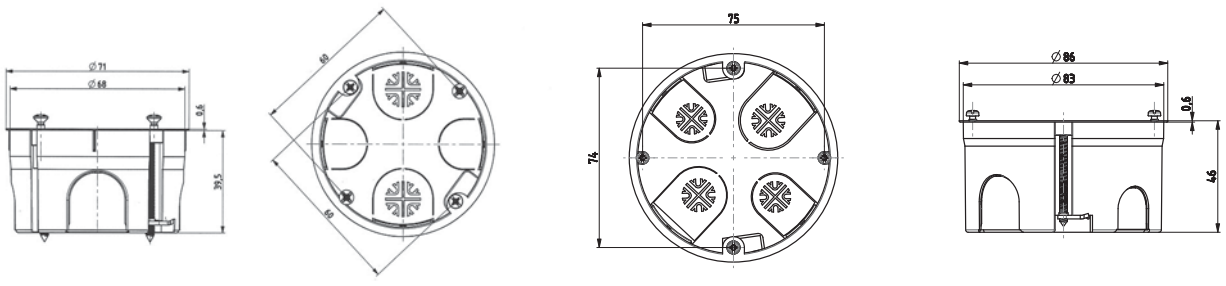

## Dry lining installation boxes series 340




**EC34003** **EC34004** **EC34006**




**EC340106** **EC340105**

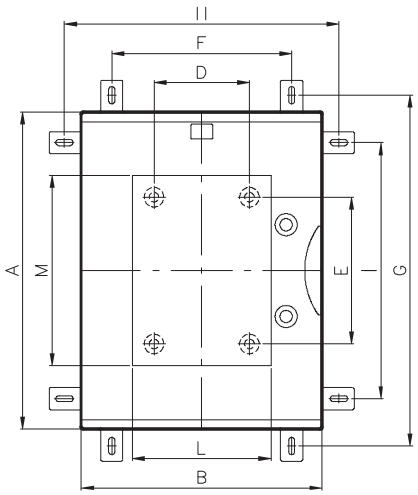



**EC34040** **EC34045**

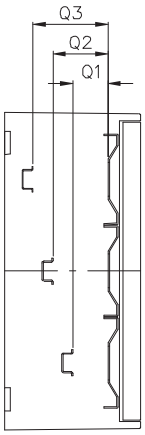
## Polyester Boards Series 625

dimensions in mm

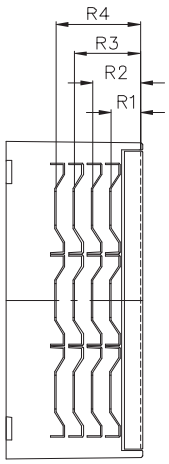
Dimensions and fixings



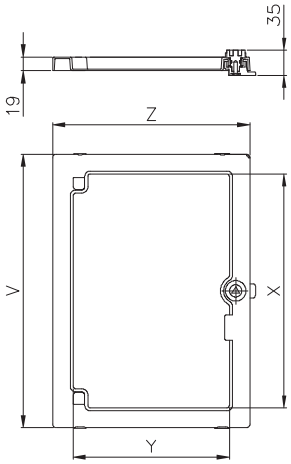

DIN bar - window panel




door - window panel




Counterdoor

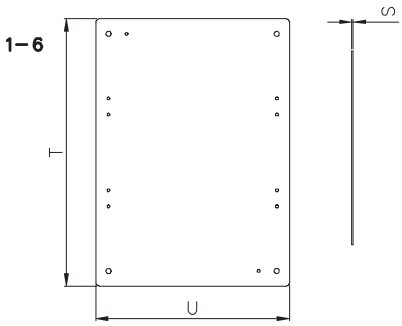



| DIM. | MOD. | A | B | C | D | E | F | G | H | I | L | M | W1 | W2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I° | --- | 307 | 271 | 171 | 93 | 135 | 188 | 353 | 317 | 224 | 103 | 165 | --- | 36 | |
| II° | 36 (3x12) | 432 | 328 | 186 | 130 | 260 | 245 | 478 | 374 | 349 | 160 | 290 | 36 | 62 | |
| III° | 54 (3x18) | 507 | 436 | 216 | 238 | 335 | 353 | 553 | 482 | 424 | 268 | 365 | 74 | 112 | |
| IV° | 72 (4x18) | 657 | 436 | 216 | 238 | 485 | 353 | 703 | 482 | 574 | 268 | 515 | 82 | 124 | |
| V° | 96 (4x24) | 657 | 546 | 266 | 348 | 485 | 463 | 703 | 592 | 574 | 378 | 515 | 94 | 134 | |
| VI° | 140(5x28) | 807 | 620 | 322 | 410 | 620 | 537 | 853 | 666 | 724 | 452 | 656 | 138 | 218 | |

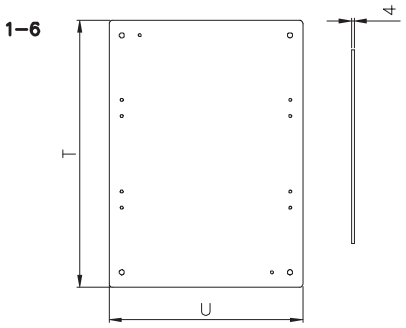
**W1: Power loss W with DIN rail and modular window at 48 mm high.**

**W2: Power loss W with back plate at 15 mm high.**

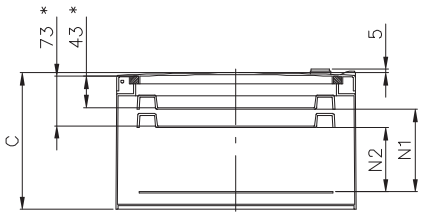
Metal back plate



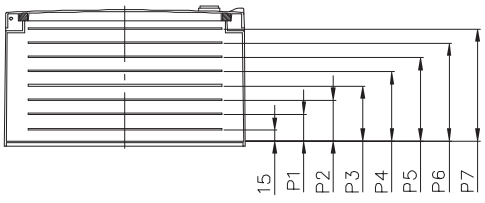

Insulating back plate




Distance between door, counterdoor and plate




Distance between plate and bottom with adjustable supports (optional)



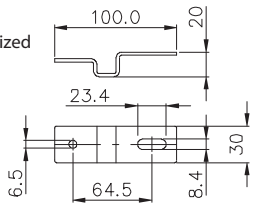

*** Reduce by 9 mm with transparent door.**

| M | S | T | U | V | Z | X | Y |
|---|---|---|---|---|---|---|---|
| I° | 1.5 | 239 | 207 | --- | --- | --- | --- |
| II° | 1.5 | 364 | 264 | 373 | 267 | 318 | 210 |
| III° | 1.5 | 439 | 372 | 447 | 377 | 392 | 320 |
| IV° | 1.5 | 589 | 372 | 597 | 377 | 542 | 320 |
| V° | 1.5 | 589 | 482 | 597 | 487 | 542 | 430 |
| VI° | 2.0 | 739 | 556 | 747 | 561 | 692 | 504 |

| DIM. | MOD. | N1 | N2 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | Q1 | Q2 | Q3 | R1 | R2 | R3 | R4 | R5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I° | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| II° | 36 (3x12) | 112 | 82 | 43 | 68 | --- | --- | --- | --- | --- | 48 | 75 | --- | 30 | 55 | --- | --- | --- |
| III° | 54 (3x18) | 142 | 112 | 43 | 68 | 93 | --- | --- | --- | --- | 48 | 75 | 102 | 30 | 55 | 80 | --- | --- |
| IV° | 72 (4x18) | 142 | 112 | 43 | 68 | 93 | --- | --- | --- | --- | 48 | 75 | 102 | 30 | 55 | 80 | --- | --- |
| V° | 96 (4x24) | 192 | 162 | 43 | 68 | 93 | 118 | 143 | --- | --- | 48 | 75 | 102 | 30 | 55 | 80 | 105 | --- |
| VI° | 140(5x28) | 248 | 218 | 43 | 68 | 93 | 118 | 143 | 168 | 193 | 48 | 75 | 102 | 30 | 55 | 80 | 105 | 130 |

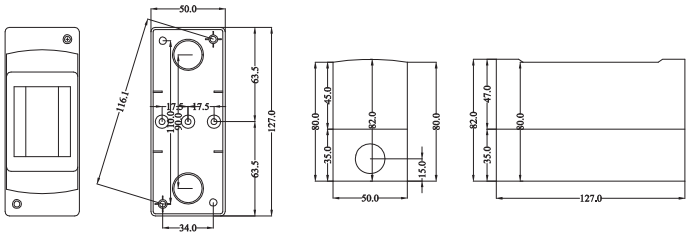
1st. dimension: distance blank door - bottom plate = 142 mm - distance transparent door - bottom plate = 133 mm.

Stainless steel / galvanized

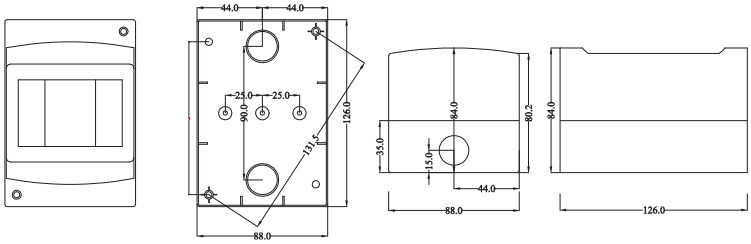


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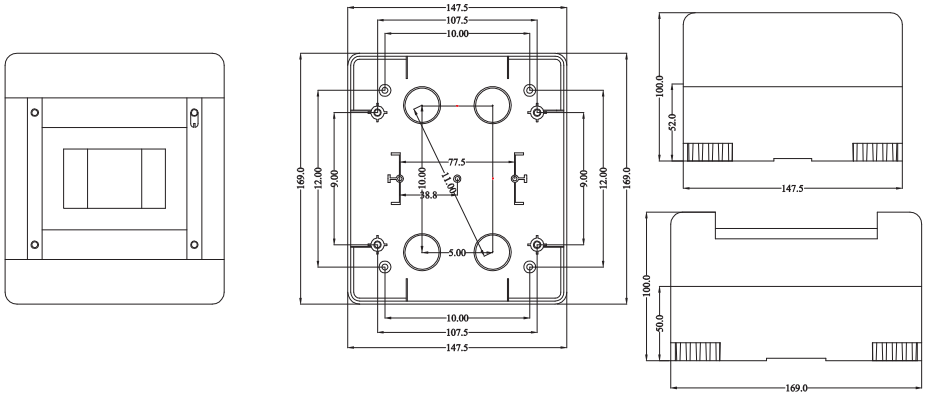
dimensions in mm



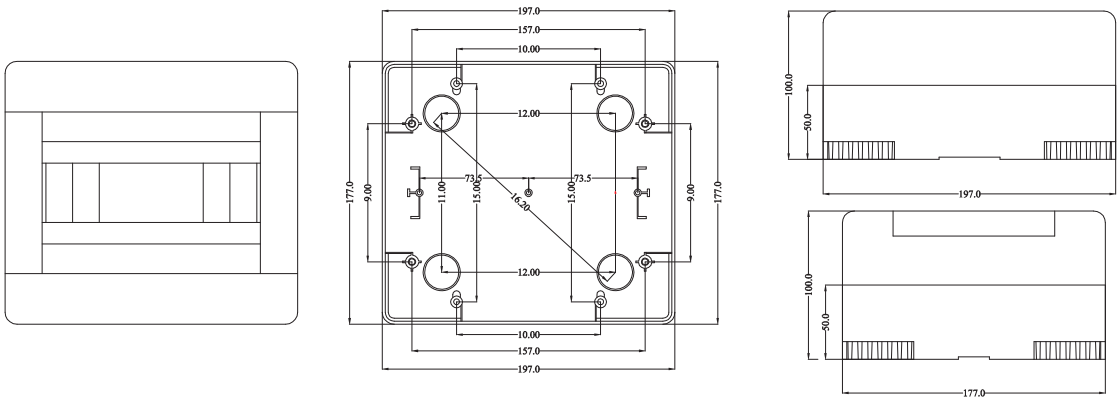

600/610 02




600/610 03



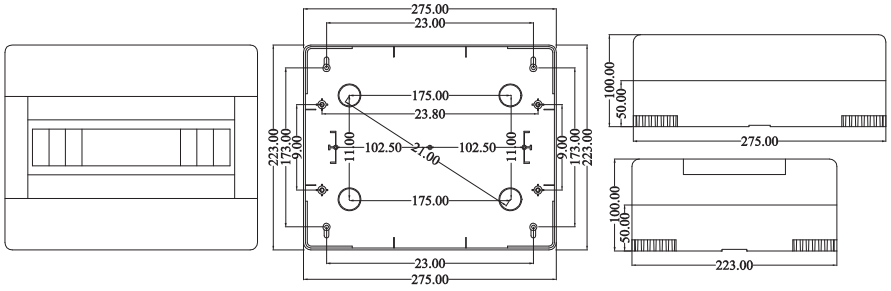

600/610 04



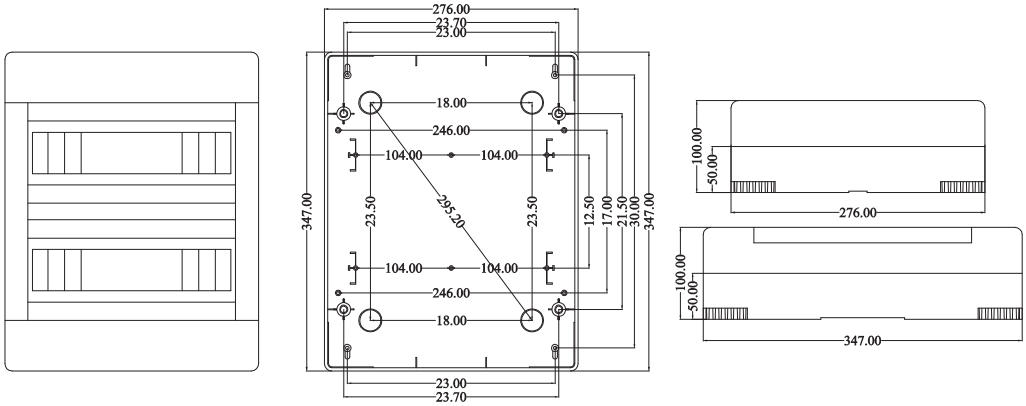

600/610 08

## Modular enclosures Series 600/610

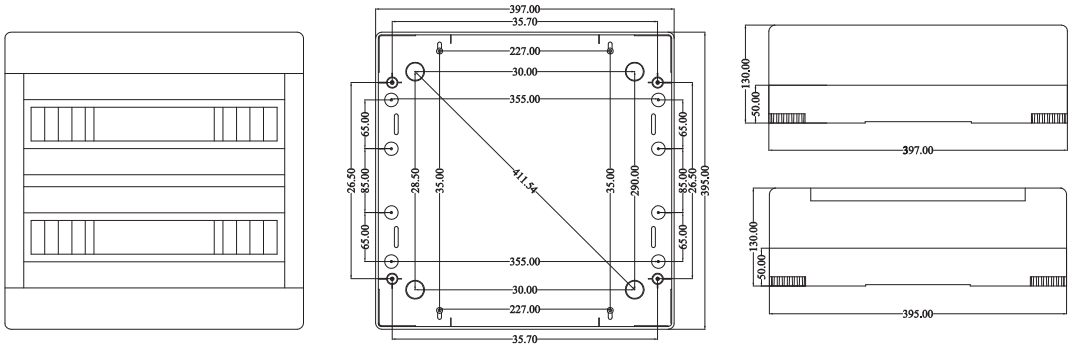
dimensions in mm



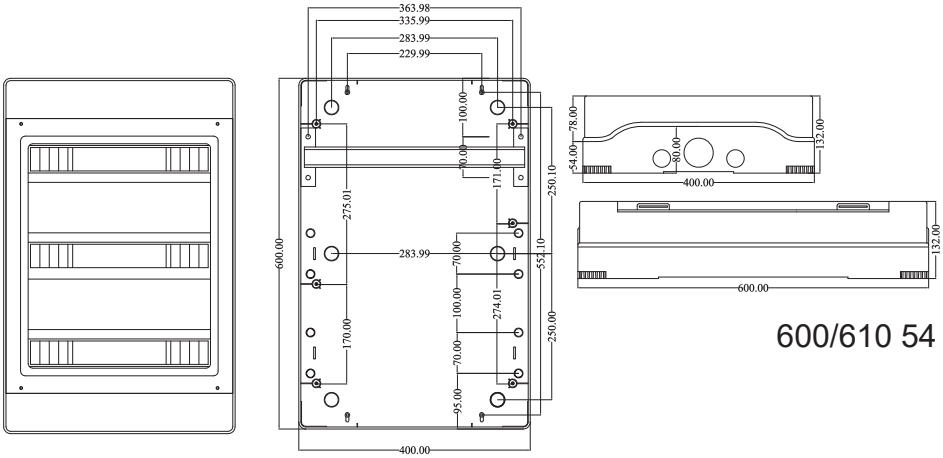

600/610 12




600/610 24



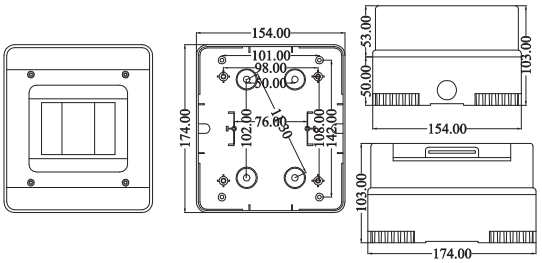

600/610 36



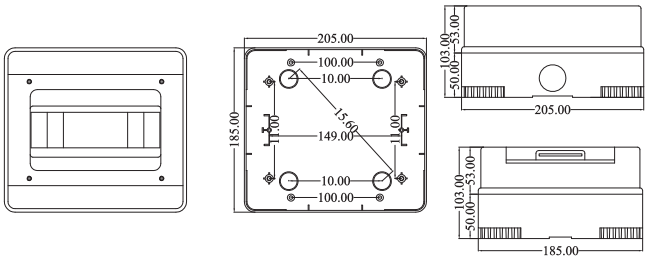

600/610 54

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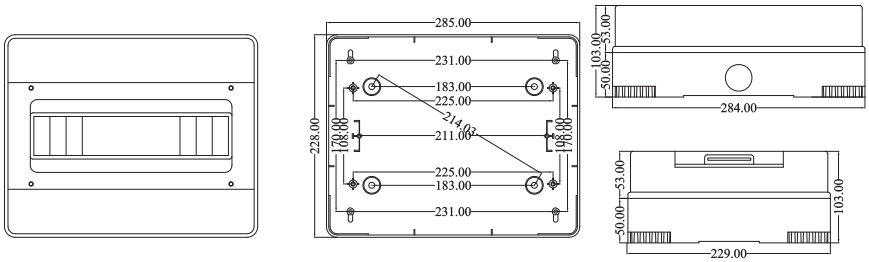
dimensions in mm



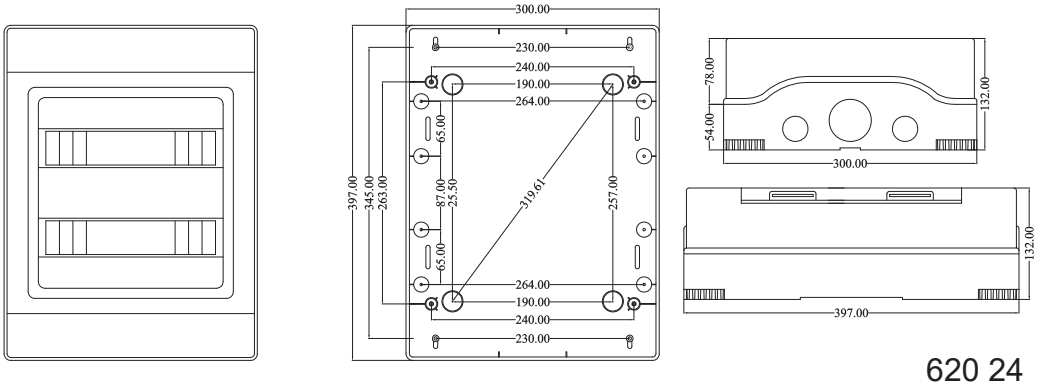

620 04/640 04




620 08/640 08



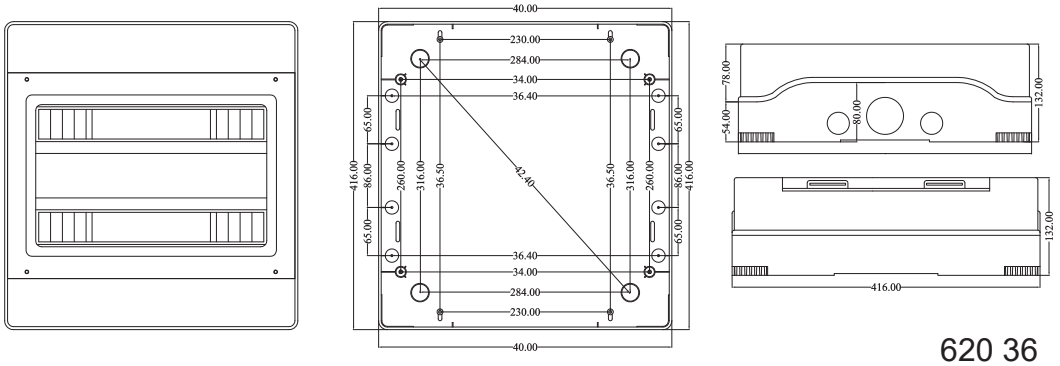

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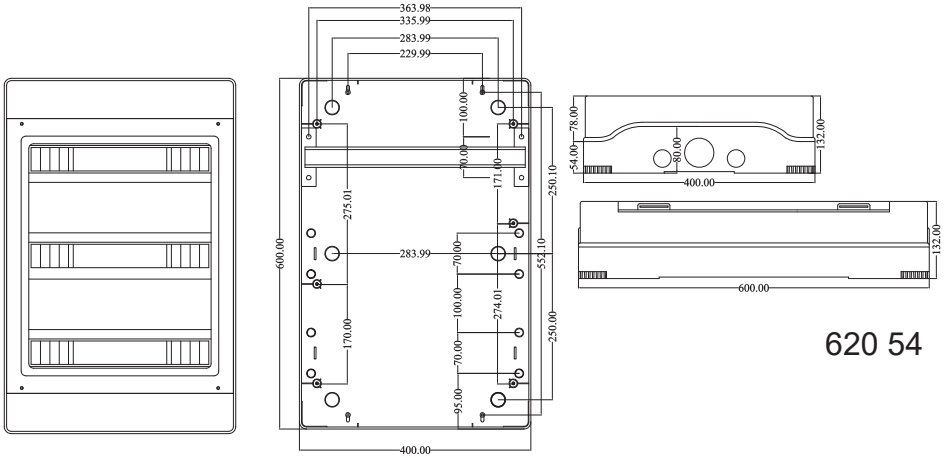

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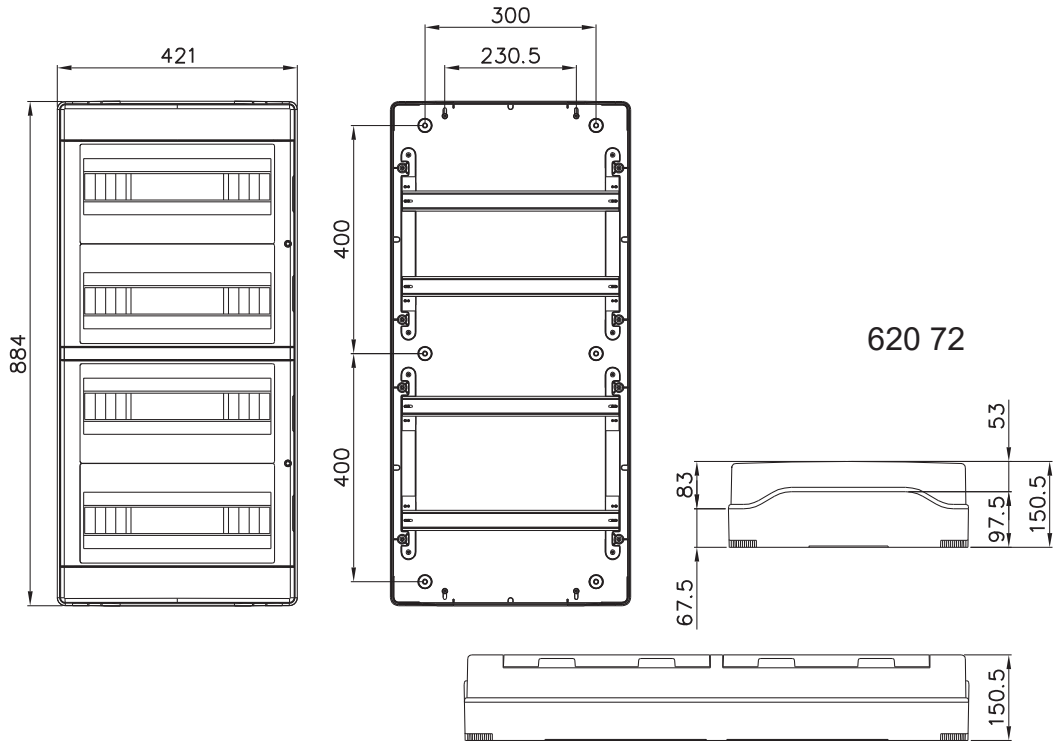
dimensions in mm




620 36



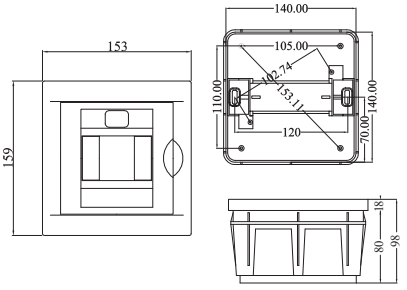

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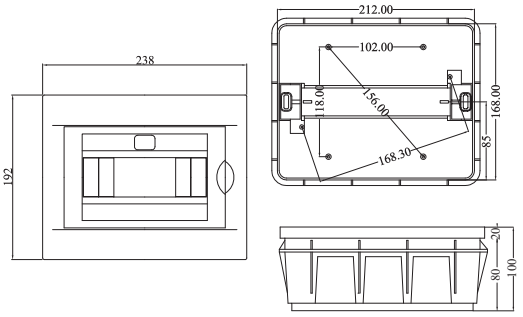

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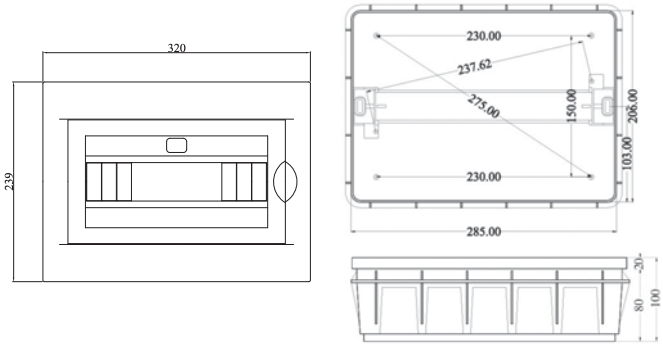
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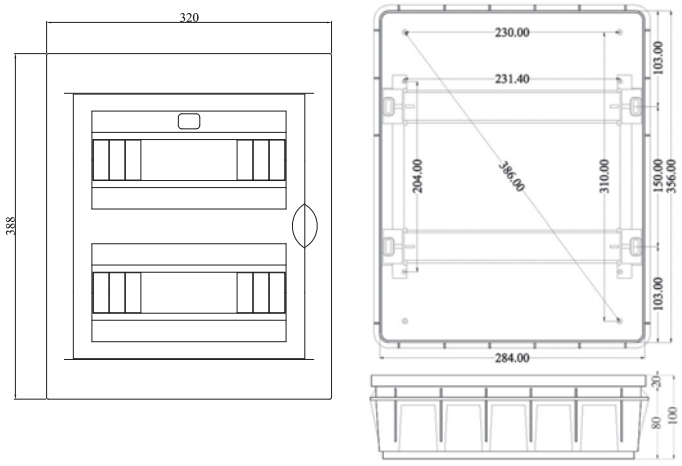

630 04




630 08
635 08B



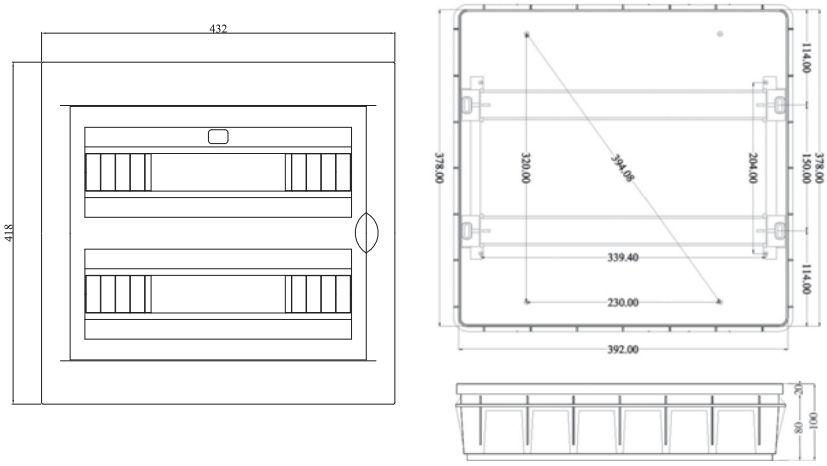

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635 12B



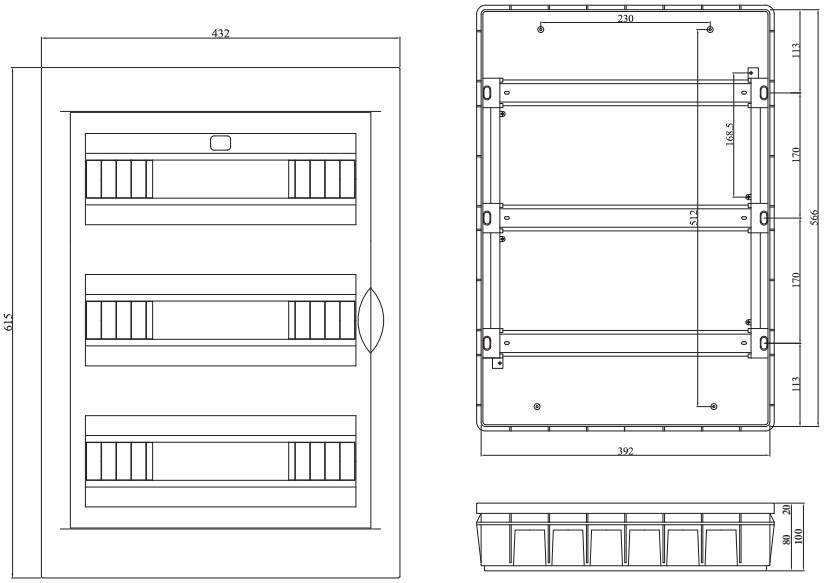

630 24
635 24B

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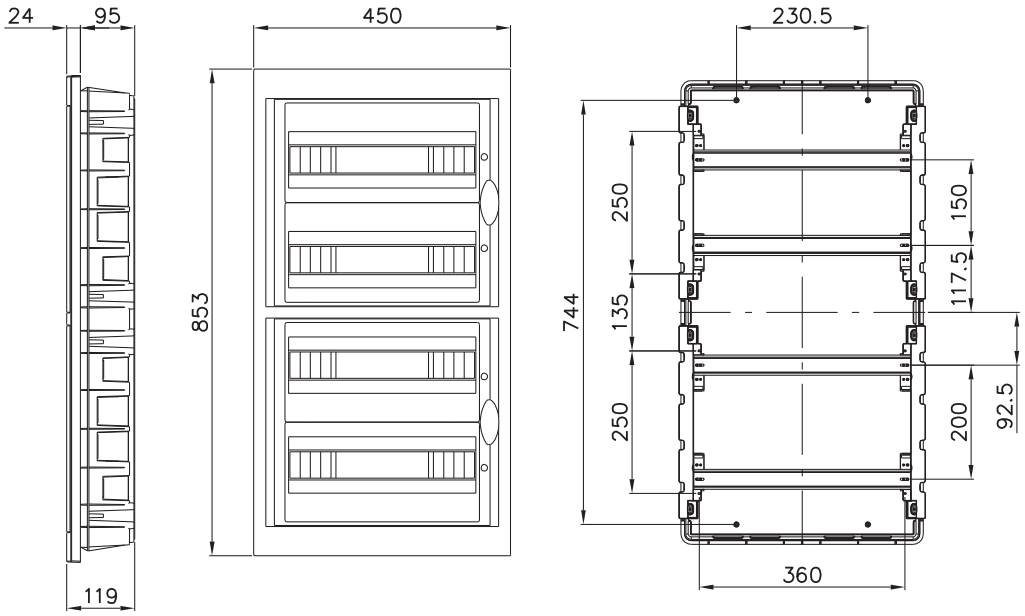
dimensions in mm




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| EC 37185 | 312 | 8032636760951 | 50/600 | PCE | |
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| EC 400C4 | 283 | 8032636761040 | 1/90 | PCE | A |
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| EC 400C6A | 289 | 8032636761118 | 1/25 | PCE | A |
| EC 400C7 | 283 | 8032636761125 | 1/14 | PCE | A |
| EC 400C7A | 289 | 8032636761132 | 1/14 | PCE | A |
| EC 400C8 | 283 | 8032636761149 | 1/6 | PCE | A |
| EC 400C8A | 289 | 8032636761156 | 1/6 | PCE | A |
| EC 400C9 | 283 | 8032636761163 | 1/4 | PCE | A |
| EC 400C9A | 289 | 8032636761170 | 1/4 | PCE | A |
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| EC 406C4A | 295 | 8033576778327 | 1/60 | PCE | |
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| EC 410C6 | 284 | 8032636761422 | 1/24 | PCE | A |
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| EC 410C7 | 284 | 8032636761446 | 1/16 | PCE | A |
| EC 410C7A | 290 | 8032636761453 | 1/16 | PCE | A |
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| EC 416C4A | 295 | 8033576778365 | 1/80 | PCE | |
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| EC 420C5 | 285 | 8032636761521 | 1/42 | PCE | A |

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| EC 450P9 | 296 | 8032636761682 | 1/10 | PCE | |
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| EC 485C3 | 298 | 8033954874238 | 1/16 | PCE | |
| EC 485C4 | 298 | 8033954874245 | 1/18 | PCE | |
| EC 485C5 | 298 | 8033954874252 | 1/8 | PCE | |
| EC 485C6 | 298 | 8033954874269 | 1/2 | PCE | |
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| EC 50021 | 363 | 8032636761965 | 50/300 | PCE | |
| EC 50029 | 363 | 8032636761972 | 25/150 | PCE | |
| EC 50036 | 363 | 8032636761989 | 15/90 | PCE | |
| EC 50042 | 363 | 8032636761996 | 10/60 | PCE | |
| EC 50048 | 363 | 8032636762009 | 5/30 | PCE | |
| EC 51007 | 363 | 8032636762061 | 50/200/1200 | PCE | |
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| EC 6024EQ | 250 | 8032636762757 | 1/5 | PCE | |
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| EC 62018E | 258 | 8053676578511 | 1 | PCE | A |
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| EC 62024E | 258 | 8053676572281 | 1 | PCE | A |
| EC 62036 | 258 | 8032636763143 | 1 | PCE | A |

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| EC 6212EQ | 259 | 8032636763112 | 1/8 | PCE | |
| EC 6224EQ | 259 | 8032636763136 | 1/4 | PCE | |
| EC 6236EQ | 259 | 8032636763150 | 1/4 | PCE | |
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| EC 8102025 | 357 | 8032636764324 | 100/5000 | PCE | |
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| EC 8102948 | 357 | 8032636764409 | 100/4000 | PCE | |
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| EC 84036 | 356 | 8032636764584 | 100/5000 | PCE | |
| EC 84048 | 356 | 8032636764591 | 100/5000 | PCE | |
| EC 85048 | 357 | 8032636764607 | 100/5000 | PCE | |

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| EC 85090 | 357 | 8032636764614 | 100/5000 | PCE | |
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| EC 8701025 | 356 | 8032636764645 | 100/5000 | PCE | |
| EC 8702025 | 356 | 8032636764652 | 100/5000 | PCE | |
| EC 88085 | 357 | 8032636764669 | 100/5000 | PCE | |
| EC 890010 | 367 | 8033576771885 | 10/900 | PCE | |
| EC 890011 | 367 | 8033576771892 | 10/500 | PCE | |
| EC 890012 | 367 | 8033576771908 | 10/400 | PCE | |
| EC 890013 | 367 | 8033576771915 | 10/250 | PCE | |
| EC 890014 | 367 | 8033576771922 | 10/200 | PCE | |
| EC 890015 | 367 | 8033576771939 | 10/100 | PCE | |
| EC 890016 | 367 | 8033576771946 | 5/450 | PCE | |
| EC 890017 | 367 | 8033576771953 | 5/240 | PCE | |
| EC 890020 | 367 | 8033576771960 | 1/40 | PCE | |
| EC 890021 | 367 | 8033576771977 | 1/150 | PCE | |
| EC 890050 | 250 | 8033576772066 | 10/340 | PCE | |
| EC 890051 | 250 | 8033576772073 | 10/320 | PCE | |
| EC 890052 | 250 | 8033576772080 | 10/240 | PCE | |
| EC 890053 | 250 | 8033576772097 | 10/340 | PCE | |
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| EC 890055 | 250 | 8033576772110 | 10/240 | PCE | |
| EC 890056 | 250 | 8033576772127 | 10/340 | PCE | |
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| EC 990GFE18 | 106 | 8032793870364 | 30/3360 | LM | |
| EC 990GFE20 | 106 | 8032793870371 | 30/3360 | LM | |
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| EC A10040 | 114 | 8032636764690 | 28 | LM | A,D,E |
| EC A10060 | 114 | 8032636764706 | 20 | LM | A,D,E |
| EC A10080 | 114 | 8032636764713 | 24 | LM | A,D,E |
| EC A12040 | 114 | 8032636764720 | 24 | LM | A,D,E |
| EC A12060 | 114 | 8032636764737 | 20 | LM | A,D,E |
| EC A12080 | 114 | 8032636764744 | 16 | LM | A,D,E |
| EC A2525 | 114 | 8032636764751 | 100 | LM | A,D,E |
| EC A2540 | 114 | 8032636764768 | 100 | LM | A,D,E |
| EC A2560 | 114 | 8032636764775 | 70 | LM | A,D,E |
| EC A2580 | 114 | 8032636764782 | 56 | LM | A,D,E |
| EC A40100 | 114 | 8032636764799 | 32 | LM | A,D,E |
| EC A4025 | 114 | 8032636764805 | 80 | LM | A,D,E |
| EC A4040 | 114 | 8032636764812 | 70 | LM | A,D,E |
| EC A4060 | 114 | 8032636764829 | 56 | LM | A,D,E |
| EC A4080 | 114 | 8032636764836 | 40 | LM | A,D,E |
| EC A60100 | 114 | 8032636764843 | 24 | LM | A,D,E |
| EC A6040 | 114 | 8032636764850 | 50 | LM | A,D,E |
| EC A6060 | 114 | 8032636764867 | 32 | LM | A,D,E |
| EC A6080 | 114 | 8032636764874 | 36 | LM | A,D,E |
| EC A80100 | 114 | 8032636764881 | 24 | LM | A,D,E |
| EC A8040 | 114 | 8032636764898 | 40 | LM | A,D,E |
| EC A8060 | 114 | 8032636764904 | 28 | LM | A,D,E |
| EC A8080 | 114 | 8032636764911 | 30 | LM | A,D,E |
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| EC AC25 | 347 | 8032793871156 | 1 | PCE | |
| EC AC32 | 347 | 8032793871163 | 1 | PCE | |
| EC ADC | 120 | 8033576779201 | 1 | PCE | |
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| EC AE10060B | 75 | 8032636764935 | 10 | PCE | A,B |
| EC AE10080B | 76 | 8032636764942 | 10 | PCE | A,B |
| EC AE12040B | 77 | 8032636764959 | 10 | PCE | A,B |
| EC AE12060B | 78 | 8032636764966 | 10 | PCE | A,B |

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| EC AE15060B | 80 | 8032636764980 | 8 | PCE | A,B |
| EC AE1517B | 46 | 8032636764997 | 10/50 | PCE | A,B |
| EC AE20060B | 81 | 8032636765000 | 4 | PCE | A,B |
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| EC AE2210B | 43 | 8032636765031 | 10/50 | PCE | A,B |
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| EC AE4010B | 45 | 8032636765079 | 10/50 | PCE | A,B |
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| EC AE8080B | 73 | 8032636765161 | 10 | PCE | A,B |
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| EC AI20060B | 81 | 8032636765253 | 5 | PCE | A,B |
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| EC AP6040B | 69 | 8032636765628 | 10/50 | PCE | A,B |
| EC AP6060B | 70 | 8032636765635 | 10 | PCE | A,B |
| EC AP8040B | 71 | 8032636765642 | 10 | PCE | A,B |
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| EC BRS1 | 87 | 8053676577057 | 25 | PCE | |
| EC BRS2 | 87 | 8053676577064 | 50 | PCE | |
| EC BRTT11060B | 87 | 8053676577033 | 10 | PCE | |
| EC BRTT13065B | 87 | 8053676577040 | 10 | PCE | |
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| EC BS20 | 341 | 8032636765680 | 10/350 | PCE | A |
| EC BS25 | 341 | 8032636765697 | 10/200 | PCE | A |
| EC BS32 | 341 | 8032636765703 | 10/100 | PCE | A |
| EC BS40 | 341 | 8032636765710 | 5/80 | PCE | A |
| EC BS50 | 341 | 8032636765727 | 5/40 | PCE | A |
| EC C12 | 353 | 8032636765734 | 100/1400 | PCE | |
| EC C16 | 353 | 8032636765741 | 100/1000 | PCE | |
| EC C25 | 353 | 8032636765758 | 50/500 | PCE | |
| EC C50 | 353 | 8032636765765 | 50/250 | PCE | |
| EC CAP5012B | 52 | 8032636762955 | 50 | LM | |
| EC CAP5012G | 52 | 8032636762979 | 50 | LM | |
| EC CAP7517A | 52 | 8032636763037 | 50 | LM | |
| EC CAP7517B | 52 | 8032636765772 | 50 | LM | |
| EC CAP7517G | 52 | 8032636765789 | 50 | LM | |
| EC CF16 | 348 | 8032636765802 | 100/1500 | PCE | |
| EC CF20 | 348 | 8032636765819 | 100/1000 | PCE | |
| EC CF25 | 348 | 8032636765826 | 100/1000 | PCE | |
| EC CF32 | 348 | 8032636765833 | 50/800 | PCE | |
| EC CF40 | 348 | 8032636765840 | 50/400 | PCE | |
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| EC CFC25 | 352 | 8032636765888 | 100/800 | PCE | |
| EC CFC32 | 352 | 8032636765895 | 50/500 | PCE | |
| EC CFC40 | 352 | 8054382041382 | 50/400 | PCE | |
| EC CFC50 | 352 | 8054382041399 | 25/250 | PCE | |
| EC CFF1 | 353 | 8032636765901 | 100/1400 | PCE | |

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| EC CI16 | 347 | 8032636765925 | 100/400 | PCE | |
| EC CI20 | 347 | 8032636765932 | 100/300 | PCE | |
| EC CI25 | 347 | 8032636765949 | 100/200 | PCE | |
| EC CI32 | 347 | 8032636765956 | 50/150 | PCE | |
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| EC CO10060 | 66 | 8032636765987 | 5/25 | PCE | A,B,G |
| EC CO10080 | 66 | 8032636765994 | 5/25 | PCE | A,B,G |
| EC CO12040 | 66 | 8032636766007 | 5/25 | PCE | A,B,G |
| EC CO12060 | 66 | 8032636766014 | 5/25 | PCE | A,B,G |
| EC CO12080 | 66 | 8032636766021 | 5/25 | PCE | A,B,G |
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| EC CO40100 | 66 | 8032636766052 | 5/25 | PCE | A,B,G |
| EC CO4040 | 66 | 8032636766069 | 5/25 | PCE | A,B,G |
| EC CO4060 | 66 | 8032636766076 | 5/25 | PCE | A,B,G |
| EC CO4080 | 66 | 8032636766083 | 5/25 | PCE | A,B,G |
| EC CO60100 | 66 | 8032636766090 | 5/25 | PCE | A,B,G |
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| EC CO6080 | 66 | 8032636766120 | 5/25 | PCE | A,B,G |
| EC CO80100 | 66 | 8032636766137 | 5/25 | PCE | A,B,G |
| EC CO8040 | 66 | 8032636766144 | 5/25 | PCE | A,B,G |
| EC CO8060 | 66 | 8032636766151 | 5/25 | PCE | A,B,G |
| EC CO8080 | 66 | 8032636766168 | 5/25 | PCE | A,B,G |
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| EC CP100100G | 65 | 8032636760029 | 16 | LM | A |
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| EC CP10040G | 65 | 8032636760043 | 28 | LM | A |
| EC CP10060B | 65 | 8032636760050 | 20 | LM | A,B |
| EC CP10060G | 65 | 8032636760067 | 20 | LM | A |
| EC CP10080B | 65 | 8032636760074 | 24 | LM | A,B |
| EC CP10080G | 65 | 8032636760081 | 24 | LM | A |
| EC CP12040B | 65 | 8032636760098 | 24 | LM | A,B |
| EC CP12040G | 65 | 8032636760104 | 24 | LM | A |
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| EC CP12060G | 65 | 8032636760128 | 20 | LM | A |
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| EC CP2540G | 64 | 8032636760364 | 100 | LM | A |
| EC CP2560B | 64 | 8032636760371 | 70 | LM | A,B |
| EC CP2560G | 64 | 8032636760388 | 70 | LM | A |
| EC CP2580B | 64 | 8032636760395 | 56 | LM | A,B |
| EC CP2580G | 64 | 8032636760401 | 56 | LM | A |
| EC CP40100B | 64 | 8032636761187 | 32 | LM | A,B |
| EC CP40100G | 64 | 8032636761194 | 32 | LM | A |
| EC CP4040B | 64 | 8032636761286 | 70 | LM | A,B |
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| EC CP4060G | 64 | 8032636761330 | 56 | LM | A |
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| EC CP5050G | 64 | 8032636762054 | 24 | LM | A |
| EC CP60100B | 64 | 8032636762825 | 24 | LM | A,B |
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| EC CP6040B | 64 | 8032636762863 | 50 | LM | A,B |
| EC CP6040G | 64 | 8032636762870 | 50 | LM | A |
| EC CP6060B | 64 | 8032636762887 | 32 | LM | A,B |
| EC CP6060G | 64 | 8032636762894 | 32 | LM | A |
| EC CP6080B | 64 | 8032636762900 | 36 | LM | A,B |
| EC CP6080G | 64 | 8032636762917 | 36 | LM | A |
| EC CP7550B | 65 | 8033954871220 | 40 | LM | |
| EC CP7550G | 65 | 8033954871237 | 40 | LM | |
| EC CP80100B | 65 | 8032636764164 | 24 | LM | A,B |
| EC CP80100G | 65 | 8032636764171 | 24 | LM | A |
| EC CP8040B | 65 | 8032636764188 | 40 | LM | A,B |
| EC CP8040G | 65 | 8032636764195 | 40 | LM | A |
| EC CP8060B | 65 | 8032636764201 | 28 | LM | A,B |
| EC CP8060G | 65 | 8032636764218 | 28 | LM | A |
| EC CP8080B | 65 | 8032636764225 | 30 | LM | A,B |
| EC CP8080G | 65 | 8032636764232 | 30 | LM | A |
| EC CPB | 40 | 8032636766175 | 5/50 | PCE | A,B |
| EC CPH10040 | 83 | 8053676576470 | 28 | LM | |
| EC CPH10060 | 83 | 8053676576487 | 20 | LM | |
| EC CPH10080 | 83 | 8053676576494 | 24 | LM | |
| EC CPH12040 | 83 | 8053676576500 | 24 | LM | |
| EC CPH12060 | 83 | 8053676576517 | 20 | LM | |
| EC CPH12080 | 83 | 8053676576524 | 16 | LM | |
| EC CPH2540 | 83 | 8053676576357 | 100 | LM | |
| EC CPH2560 | 83 | 8053676576364 | 70 | LM | |
| EC CPH2580 | 83 | 8053676576371 | 56 | LM | |
| EC CPH4040 | 83 | 8053676576388 | 70 | LM | |
| EC CPH4060 | 83 | 8053676576395 | 56 | LM | |
| EC CPH4080 | 83 | 8053676576401 | 40 | LM | |
| EC CPH6040 | 83 | 8053676576418 | 50 | LM | |
| EC CPH6060 | 83 | 8053676576425 | 32 | LM | |
| EC CPH6080 | 83 | 8053676576432 | 36 | LM | |
| EC CPH8040 | 83 | 8053676576449 | 40 | LM | |
| EC CPH8060 | 83 | 8053676576456 | 28 | LM | |
| EC CPH8080 | 83 | 8053676576463 | 30 | LM | |
| EC CR100B | 66 | 8053676576784 | 60 | LM | |
| EC CR100G | 115 | 8033954873576 | 60 | LM | |
| EC CR100HG | 119 | 8033954876041 | 60 | LM | |
| EC CR120B | 66 | 8053676576791 | 80 | LM | |
| EC CR120G | 115 | 8033954873583 | 80 | LM | |
| EC CR120HG | 119 | 8033954876058 | 80 | LM | |
| EC CR150B | 66 | 8053676576807 | 60 | LM | |
| EC CR200B | 66 | 8053676576814 | 40 | LM | |
| EC CR25B | 66 | 8053676576746 | 100 | LM | |
| EC CR25G | 115 | 8033954873538 | 100 | LM | |
| EC CR25HG | 119 | 8033954876003 | 100 | LM | |
| EC CR40B | 66 | 8053676576753 | 100 | LM | |
| EC CR40G | 115 | 8033954873545 | 100 | LM | |
| EC CR40HG | 119 | 8033954876010 | 100 | LM | |
| EC CR60B | 66 | 8053676576760 | 100 | LM | |
| EC CR60G | 115 | 8033954873552 | 100 | LM | |

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| EC CR60HG | 119 | 8033954876027 | 100 | LM | |
| EC CR80B | 66 | 8053676576777 | 100 | LM | |
| EC CR80G | 115 | 8033954873569 | 100 | LM | |
| EC CR80HG | 119 | 8033954876034 | 100 | LM | |
| EC CRS16 | 345 | 8032636766199 | 50/1000 | PCE | A,B |
| EC CRS16H | 348 | 8033576771625 | 50/1000 | PCE | |
| EC CRS20 | 345 | 8032636766205 | 50/600 | PCE | A,B |
| EC CRS20H | 348 | 8033576771632 | 50/600 | PCE | |
| EC CRS25 | 345 | 8032636766212 | 25/300 | PCE | A,B |
| EC CRS25H | 348 | 8033576771649 | 25/300 | PCE | |
| EC CRS32 | 345 | 8032636766229 | 100 | PCE | A,B |
| EC CRS32H | 348 | 8033576771656 | 100 | PCE | |
| EC CRS40 | 345 | 8032636766236 | 100 | PCE | A,B |
| EC CRS40H | 348 | 8033576771663 | 100 | PCE | |
| EC CRS50 | 345 | 8032636766243 | 50 | PCE | A,B |
| EC CRS50H | 348 | 8033576771670 | 50 | PCE | |
| EC CS16 | 341 | 8032636766267 | 10/200 | PCE | A |
| EC CS20 | 341 | 8032636766274 | 10/200 | PCE | A |
| EC CS25 | 341 | 8032636766281 | 10/100 | PCE | A |
| EC CS32 | 341 | 8032636766298 | 10/50 | PCE | A |
| EC CS40 | 341 | 8032636766304 | 5/20 | PCE | A |
| EC CS50 | 341 | 8032636766311 | 12 | PCE | A |
| EC CT16 | 353 | 8032636766328 | 100/1000 | PCE | |
| EC CT20 | 353 | 8032636766335 | 100/1000 | PCE | |
| EC CT25 | 353 | 8032636766342 | 100/800 | PCE | |
| EC CT32 | 353 | 8032636766359 | 50/400 | PCE | |
| EC CV16 | 345 | 8033576778495 | 20/300 | PCE | |
| EC CV20 | 345 | 8033576778501 | 20/200 | PCE | |
| EC CV25 | 345 | 8033576778518 | 20/120 | PCE | |
| EC CV32 | 345 | 8033954873743 | 10/80 | PCE | |
| EC CXS16 | 343 | 8032636766366 | 50/200 | PCE | |
| EC CXS20 | 343 | 8032636766373 | 50/200 | PCE | |
| EC CXS25 | 343 | 8032636766380 | 35/140 | PCE | |
| EC CXS32 | 343 | 8032636766397 | 20/80 | PCE | |
| EC CXS40 | 343 | 8032636766403 | 15/60 | PCE | |
| EC CXS50 | 343 | 8032636766410 | 10/40 | PCE | |
| EC CXT16 | 343 | 8032636766427 | 50/200 | PCE | |
| EC CXT20 | 343 | 8032636766434 | 50/200 | PCE | |
| EC CXT25 | 343 | 8032636766441 | 35/140 | PCE | |
| EC CXT32 | 343 | 8032636766458 | 20/80 | PCE | |
| EC CXT40 | 343 | 8032636766465 | 10/40 | PCE | |
| EC CXT50 | 343 | 8032636766472 | 10/40 | PCE | |
| EC GC | 352 | 8032636766489 | 400 | PCE | |
| EC GFE08 | 331 | 8032636766496 | 30/2070 | LM | D |
| EC GFE08N | 331 | 8032793873044 | 30/2070 | LM | D |
| EC GFE10 | 331 | 8032636766519 | 30/1800 | LM | D |
| EC GFE10N | 331 | 8032793873051 | 30/1800 | LM | D |
| EC GFE12 | 331 | 8032636766533 | 30/1800 | LM | A,D |
| EC GFE12N | 331 | 8032793873068 | 30/1800 | LM | D |
| EC GFE14 | 331 | 8032636766557 | 30/1440 | LM | D |
| EC GFE14N | 331 | 8032793873280 | 30/1440 | LM | D |
| EC GFE16 | 331 | 8032636766571 | 30/1080 | LM | A,D |
| EC GFE16N | 331 | 8032793873297 | 30/1080 | LM | D |
| EC GFE20 | 331 | 8032636766595 | 30/1080 | LM | A,D |
| EC GFE20N | 331 | 8032793873303 | 30/1080 | LM | D |
| EC GFE22 | 331 | 8032636766618 | 30/720 | LM | D |
| EC GFE22N | 331 | 8032793873310 | 30/720 | LM | D |
| EC GFE25 | 331 | 8032636766632 | 30/600 | LM | A,D |
| EC GFE25N | 331 | 8032793873327 | 30/600 | LM | D |
| EC GFE28 | 331 | 8032636766656 | 30/480 | LM | D |
| EC GFE28N | 331 | 8032793873334 | 30/480 | LM | D |
| EC GFE32 | 331 | 8032636766670 | 30/480 | LM | A,D |
| EC GFE32N | 331 | 8032793873341 | 30/480 | LM | D |
| EC GFE35 | 331 | 8032636766694 | 30/480 | LM | D |
| EC GFE35N | 331 | 8032793873358 | 30/480 | LM | D |
| EC GFE40 | 331 | 8032636766717 | 30/360 | LM | A,D |
| EC GFE40N | 331 | 8032793873365 | 30/360 | LM | D |
| EC GFE50 | 331 | 8032636766731 | 30/180 | LM | A,D |
| EC GFE50N | 331 | 8032793873372 | 30/80 | LM | D |
| EC GFE60 | 331 | 8032636766755 | 30/120 | LM | D |
| EC GFE60N | 331 | 8032793873389 | 30/120 | LM | D |
| EC GFLEX16 | 349 | 8032636766779 | 100/2000 | PCE | B |
| EC GFLEX20 | 349 | 8032636766786 | 100/1200 | PCE | B,F |
| EC GFLEX25 | 349 | 8032636766793 | 100/700 | PCE | B,F |
| EC GFLEX32 | 349 | 8032636766809 | 50/400 | PCE | B,F |
| EC GFLEX40 | 349 | 8032636766816 | 300 | PCE | |
| EC GFLEX50 | 349 | 8032636766823 | 150 | PCE | |
| EC GI16 | 346 | 8032636766830 | 100/2000 | PCE | |
| EC GI20 | 346 | 8032636766847 | 100/1200 | PCE | |
| EC GI25 | 346 | 8032636766854 | 100/700 | PCE | |
| EC GI32 | 346 | 8032636766861 | 400 | PCE | |
| EC GI40 | 346 | 8032636766878 | 200 | PCE | |
| EC GI50 | 346 | 8032636766885 | 100 | PCE | |
| EC GS16 | 342 | 8032636766946 | 10/350 | PCE | |
| EC GS20 | 342 | 8032636766953 | 10/350 | PCE | |
| EC GS25 | 342 | 8032636766960 | 10/200 | PCE | |
| EC GS32 | 342 | 8032636766977 | 10/100 | PCE | |
| EC GS40 | 342 | 8032636766984 | 5/100 | PCE | |
| EC GS50 | 342 | 8032636766991 | 5/40 | PCE | |
| EC GSU16 | 346 | 8032636767004 | 100/1200 | PCE | A,B |
| EC GSU16H | 348 | 8033576771687 | 100/1200 | PCE | |
| EC GSU20 | 346 | 8032636767011 | 100/800 | PCE | A,B |
| EC GSU20H | 348 | 8033576771694 | 100/800 | PCE | |
| EC GSU25 | 346 | 8032636767028 | 50/500 | PCE | A,B |
| EC GSU25H | 348 | 8033576771700 | 50/500 | PCE | |
| EC GSU32 | 346 | 8032636767035 | 25/250 | PCE | A,B |
| EC GSU32H | 348 | 8033576771717 | 25/250 | PCE | |
| EC GSU40 | 346 | 8032636767042 | 25/150 | PCE | A,B |
| EC GSU40H | 348 | 8033576771724 | 25/150 | PCE | |
| EC GSU50 | 346 | 8032636767059 | 25/100 | PCE | A,B |
| EC GSU50H | 348 | 8033576771731 | 25/100 | PCE | |
| EC GT10BW50 | 354 | 8033576777801 | 50/6000 | PCE | |
| EC GT10GW50 | 354 | 8033954870681 | 50/6000 | PCE | |
| EC GT13BW50 | 354 | 8033576777818 | 50/5000 | PCE | |
| EC GT13GW50 | 354 | 8033954870698 | 50/5000 | PCE | |
| EC GT16BW50 | 354 | 8032793878308 | 50/4000 | PCE | |
| EC GT16GW50 | 354 | 8032793878872 | 50/4000 | PCE | |
| EC GT19BW50 | 354 | 8032793878315 | 50/3000 | PCE | |
| EC GT19GW50 | 354 | 8032793878889 | 50/3000 | PCE | |
| EC GT25BW50 | 354 | 8032793878322 | 50/1600 | PCE | |
| EC GT25GW50 | 354 | 8032793878896 | 50/1600 | PCE | |
| EC GT4BW50 | 354 | 8033576777962 | 50/20000 | PCE | |
| EC GT4GW50 | 354 | 8033954870650 | 50/20000 | PCE | |
| EC GT6BW50 | 354 | 8033576777788 | 50/12000 | PCE | |
| EC GT6GW50 | 354 | 8033954870667 | 50/12000 | PCE | |

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| EC GT7BW50 | 354 | 8032793872276 | 50/12000 | PCE | |
| EC GT7GW50 | 354 | 8032793872283 | 50/12000 | PCE | |
| EC GT8BW50 | 354 | 8033576777795 | 50/10000 | PCE | |
| EC GT8GW50 | 354 | 8033954870674 | 50/10000 | PCE | |
| EC GU10040B | 74 | 8032636767264 | 20 | PCE | A,B |
| EC GU10060B | 75 | 8032636767271 | 20 | PCE | A,B |
| EC GU10080B | 76 | 8032636767288 | 20 | PCE | A,B |
| EC GU12040B | 77 | 8032636767295 | 20 | PCE | A,B |
| EC GU12060B | 78 | 8032636767301 | 10 | PCE | A,B |
| EC GU12080B | 79 | 8032636767318 | 10 | PCE | A,B |
| EC GU15060B | 80 | 8032636767325 | 10 | PCE | A,B |
| EC GU1517B | 46 | 8032636767332 | 10/50 | PCE | A,B |
| EC GU20060B | 81 | 8032636767349 | 10 | PCE | A,B |
| EC GU20080B | 82 | 8032636767356 | 10 | PCE | A,B |
| EC GU2010B | 42 | 8032636767363 | 10/50 | PCE | A,B |
| EC GU2210B | 43 | 8032636767370 | 10/50 | PCE | A,B |
| EC GU2213B | 40 | 8053676578801 | 10/50 | PCE | A,B |
| EC GU2517B | 47 | 8032636767387 | 10/50 | PCE | A,B |
| EC GU2525B | 50 | 8032636767394 | 10/50 | PCE | A,B |
| EC GU3010B | 44 | 8032636767400 | 10/50 | PCE | A,B |
| EC GU3213B | 41 | 8053676578818 | 10/50 | PCE | A,B |
| EC GU4010B | 45 | 8032636767417 | 10/50 | PCE | A,B |
| EC GU4017B | 48 | 8032636767424 | 10/50 | PCE | A,B |
| EC GU4025B | 51 | 8032636767431 | 10/50 | PCE | A,B |
| EC GU4040B | 68 | 8032636767448 | 10/50 | PCE | A,B |
| EC GU6017B | 49 | 8032636767455 | 10/50 | PCE | A,B |
| EC GU6040B | 69 | 8032636767462 | 10/50 | PCE | A,B |
| EC GU6060B | 70 | 8032636767479 | 20 | PCE | A,B |
| EC GU8040B | 71 | 8032636767486 | 20 | PCE | A,B |
| EC GU8060B | 72 | 8032636767493 | 20 | PCE | A,B |
| EC GU8080B | 73 | 8032636767509 | 20 | PCE | A,B |
| EC GX10 | 350 | 8032636767516 | 25/500 | PCE | D |
| EC GX10-9 | 351 | 8032636767523 | 25/500 | PCE | |
| EC GX10-9N | 351 | 8032636767530 | 25/500 | PCE | |
| EC GX10M | 350 | 8033576770123 | 25/500 | PCE | |
| EC GX10MN | 350 | 8033954876065 | 25/500 | PCE | |
| EC GX10N | 350 | 8032636767547 | 25/500 | PCE | D |
| EC GX12 | 350 | 8032636767554 | 25/500 | PCE | A,D |
| EC GX12-11 | 351 | 8032636767561 | 25/500 | PCE | |
| EC GX12-11N | 351 | 8032636767578 | 25/500 | PCE | |
| EC GX12-13 | 351 | 8032636767585 | 25/500 | PCE | |
| EC GX12-13N | 351 | 8032636767592 | 25/500 | PCE | |
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| EC GX14-13 | 351 | 8032636767622 | 25/400 | PCE | |
| EC GX14-13N | 351 | 8032636767639 | 25/400 | PCE | |
| EC GX14N | 350 | 8032636767646 | 25/400 | PCE | D |
| EC GX16 | 350 | 8032636767653 | 25/350 | PCE | A,D |
| EC GX16-11 | 351 | 8032636767660 | 25/350 | PCE | |
| EC GX16-11N | 351 | 8032636767677 | 25/350 | PCE | |
| EC GX16-13 | 351 | 8032636767684 | 25/350 | PCE | |
| EC GX16-13N | 351 | 8032636767691 | 25/350 | PCE | |
| EC GX16-16 | 351 | 8032636767707 | 25/350 | PCE | |
| EC GX16-16N | 351 | 8032636767714 | 25/350 | PCE | |
| EC GX16M | 350 | 8032793874539 | 25/350 | PCE | |
| EC GX16MN | 350 | 8033954876089 | 25/350 | PCE | |
| EC GX16N | 350 | 8032636767721 | 25/350 | PCE | D |
| EC GX20 | 350 | 8032636767738 | 25/250 | PCE | A,D |
| EC GX20-21 | 351 | 8032636767745 | 25/250 | PCE | |
| EC GX20-21N | 351 | 8032636767752 | 25/250 | PCE | |
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| EC GX22 | 350 | 8032636767776 | 25/250 | PCE | D |
| EC GX22-21 | 351 | 8032636767783 | 25/250 | PCE | |
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| EC GX22N | 350 | 8032636767806 | 25/250 | PCE | D |
| EC GX25 | 350 | 8032636767813 | 10/150 | PCE | A,D |
| EC GX25-29 | 351 | 8032636767820 | 10/150 | PCE | |
| EC GX25-29N | 351 | 8032636767837 | 10/150 | PCE | |
| EC GX25M | 350 | 8032793874553 | 10/150 | PCE | |
| EC GX25MN | 350 | 8033954876102 | 10/150 | PCE | |
| EC GX25N | 350 | 8032636767844 | 10/150 | PCE | D |
| EC GX28 | 350 | 8032636767851 | 10/120 | PCE | D |
| EC GX28-29 | 351 | 8032636767868 | 10/120 | PCE | |
| EC GX28-29N | 351 | 8032636767875 | 10/120 | PCE | |
| EC GX28N | 350 | 8032636767882 | 10/120 | PCE | |
| EC GX32 | 350 | 8032636767899 | 10/90 | PCE | A,D |
| EC GX32-36 | 351 | 8032636767905 | 10/90 | PCE | |
| EC GX32-36N | 351 | 8032636767912 | 10/90 | PCE | |
| EC GX32M | 350 | 8032793874560 | 10/90 | PCE | |
| EC GX32MN | 350 | 8033954876119 | 10/90 | PCE | |
| EC GX32N | 350 | 8032636767929 | 10/90 | PCE | |
| EC GX35 | 350 | 8032636767936 | 10/70 | PCE | D |
| EC GX35-36 | 351 | 8032636767943 | 10/70 | PCE | |
| EC GX35-36N | 351 | 8032636767950 | 10/70 | PCE | |
| EC GX35N | 350 | 8032636767967 | 10/70 | PCE | |
| EC GX40 | 350 | 8032636767974 | 10/60 | PCE | A,D |
| EC GX40M | 350 | 8032793874577 | 10/60 | PCE | |
| EC GX40MN | 350 | 8033954876126 | 10/60 | PCE | |
| EC GX40N | 350 | 8032636767981 | 10/60 | PCE | |
| EC GX50 | 350 | 8032636767998 | 10/50 | PCE | A,D |
| EC GX50M | 350 | 8032793874584 | 10/50 | PCE | |
| EC GX50MN | 350 | 8033954876133 | 10/50 | PCE | |
| EC GX50N | 350 | 8032636768001 | 10/50 | PCE | |
| EC ICTA16 | 329 | 8033576779355 | 100/7000 | LM | B |
| EC ICTA163G15R | 330 | | 100/2800 | LM | |
| EC ICTA163G15U | 330 | | 100/2800 | LM | |
| EC ICTA163G25R | 330 | | 100/2800 | LM | |
| EC ICTA163G25U | 330 | | 100/2800 | LM | |
| EC ICTA164G15R | 330 | | 100/2800 | LM | |
| EC ICTA164G15U | 330 | | 100/2800 | LM | |
| EC ICTA165G15R | 330 | | 100/2800 | LM | |
| EC ICTA165G15U | 330 | | 100/2800 | LM | |
| EC ICTA165G25U | 330 | | 100/2800 | LM | |
| EC ICTA16HF | 329 | 8053676576531 | 100/7000 | LM | G |
| EC ICTA16HFT | 329 | 8053676576593 | 100/7000 | LM | G |
| EC ICTA16K | 329 | 8053676576685 | 100/7000 | LM | |
| EC ICTA16KT | 329 | 8054382042082 | 100/7000 | LM | |
| EC ICTA16T | 329 | 8033954874542 | 100/7000 | LM | B |
| EC ICTA20 | 329 | 8033576779362 | 100/5000 | LM | B |
| EC ICTA205G25R | 330 | | 100/2400 | LM | |
| EC ICTA205G25U | 330 | | 100/2400 | LM | |

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| EC ICTA20HF | 329 | 8053676576548 | 100/5000 | LM | G |
| EC ICTA20HFT | 329 | 8053676576609 | 100/5000 | LM | G |
| EC ICTA20K | 329 | 8053676576692 | 100/5000 | LM | F |
| EC ICTA20KT | 329 | 8054382042099 | 100/5000 | LM | F |
| EC ICTA20T | 329 | 8033954874559 | 100/5000 | LM | B |
| EC ICTA25 | 329 | 8033576779379 | 100/3600 | LM | B |
| EC ICTA25HF | 329 | 8053676576555 | 100/3600 | LM | G |
| EC ICTA25HFT | 329 | 8053676576616 | 100/3600 | LM | G |
| EC ICTA25K | 329 | 8053676576708 | 100/3600 | LM | F |
| EC ICTA25KT | 329 | 8054382042105 | 100/3600 | LM | F |
| EC ICTA25T | 329 | 8033954874566 | 100/3600 | LM | B |
| EC ICTA32 | 329 | 8033576779386 | 50/1800 | LM | B |
| EC ICTA32HF | 329 | 8053676576562 | 50/1800 | LM | G |
| EC ICTA32HFT | 329 | 8053676576623 | 50/1800 | LM | G |
| EC ICTA32K | 329 | 8053676576715 | 50/1800 | LM | F |
| EC ICTA32KT | 329 | 8054382042112 | 50/1800 | LM | F |
| EC ICTA32T | 329 | 8033954874573 | 50/1800 | LM | B |
| EC ICTA40 | 329 | 8033576779393 | 25/1000 | LM | |
| EC ICTA40HF | 329 | 8053676576579 | 25/1000 | LM | G |
| EC ICTA40HFT | 329 | 8053676576630 | 25/1000 | LM | G |
| EC ICTA40K | 329 | 8053676576722 | 25/1000 | LM | |
| EC ICTA40KT | 329 | 8054382042129 | 25/1000 | LM | |
| EC ICTA40T | 329 | 8033954874580 | 25/1000 | LM | |
| EC ICTA50 | 329 | 8033954874610 | 25/800 | LM | |
| EC ICTA50HF | 329 | 8053676576586 | 25/800 | LM | G |
| EC ICTA50HFT | 329 | 8053676576647 | 25/800 | LM | G |
| EC ICTA50K | 329 | 8053676576739 | 25/800 | LM | |
| EC ICTA50KT | 329 | 8054382042136 | 25/800 | LM | |
| EC ICTA50T | 329 | 8033954874597 | 25/800 | LM | |
| EC K22101 | 220 | 8033576775470 | 1/10 | PCE | |
| EC K22102 | 220 | 8033576775487 | 1/10 | PCE | |
| EC K22103 | 220 | 8033576775494 | 1/10 | PCE | |
| EC K22104 | 220 | 8033954879042 | 1/4 | PCE | |
| EC K22105 | 220 | 8033954879059 | 1/2 | PCE | |
| EC K22106 | 220 | 8053676570263 | 1/2 | PCE | |
| EC K22310 | 221 | 8033954870537 | 1 | PCE | |
| EC K22311 | 221 | 8033954870544 | 1 | PCE | |
| EC K22422 | 221 | 8053676570324 | 1 | PCE | |
| EC K22426 | 221 | 8053676570331 | 1 | PCE | |
| EC K33601 | 213 | 8054382041146 | 100 | PCE | A |
| EC K33602 | 213 | 8054382041184 | 100 | PCE | A |
| EC K33603 | 213 | 8054382041160 | 50 | PCE | A |
| EC K33604 | 213 | 8054382041207 | 50 | PCE | A |
| EC K33605 | 214 | 8054382041269 | 100 | PCE | |
| EC K33606 | 214 | 8054382041283 | 50 | PCE | |
| EC K33607 | 214 | 8054382041306 | 100 | PCE | |
| EC K33608 | 214 | 8054382041320 | 50 | PCE | |
| EC K33609 | 215 | 8054382041344 | 100 | PCE | |
| EC K33610 | 215 | 8054382041368 | 50 | PCE | |
| EC K33611 | 213 | 8054382041153 | 100 | PCE | A |
| EC K33612 | 213 | 8054382041191 | 100 | PCE | A |
| EC K33613 | 213 | 8054382041177 | 50 | PCE | A |
| EC K33614 | 213 | 8054382041214 | 50 | PCE | A |
| EC K33615 | 214 | 8054382041276 | 100 | PCE | |
| EC K33616 | 214 | 8054382041290 | 50 | PCE | |
| EC K33617 | 214 | 8054382041313 | 100 | PCE | |
| EC K33618 | 214 | 8054382041337 | 50 | PCE | |
| EC K33619 | 215 | 8054382041351 | 100 | PCE | |
| EC K33620 | 215 | 8054382041375 | 50 | PCE | |
| EC KIT100A | 75 | 8032636768018 | 1/10 | PCE | A |
| EC KIT100B | 75 | 8032636768025 | 1/10 | PCE | A |
| EC KIT100C | 75 | 8032636768032 | 1/10 | PCE | A |
| EC KIT120A | 78 | 8032636768049 | 1/10 | PCE | A |
| EC KIT120B | 78 | 8032636768056 | 1/10 | PCE | A |
| EC KIT120C | 78 | 8032636768063 | 1/10 | PCE | A |
| EC KIT150A | 80 | 8032636768070 | 1/5 | PCE | A |
| EC KIT150B | 80 | 8032636768087 | 1/5 | PCE | A |
| EC KIT150C | 80 | 8032636768094 | 1/5 | PCE | A |
| EC KIT80B | 72 | 8032636768100 | 1/10 | PCE | A |
| EC L4000LD | 261 | 8033576777405 | 50 | PCE | |
| EC L4000LN | 261 | 8033576772370 | 50 | PCE | |
| EC L4608 | 173 | 8053676574896 | 40 | PCE | |
| EC MA1010 | 38 | 8032636768148 | 200 | LM | |
| EC MA1010M | 38 | 8033954878779 | 200 | LM | |
| EC MA125125 | 38 | 8032636768155 | 150 | LM | |
| EC MA125125M | 38 | 8033954870421 | 150 | LM | |
| EC MA12575 | 38 | 8032636768162 | 200 | LM | |
| EC MA12575M | 38 | 8033954870438 | 200 | LM | |
| EC MA1510 | 38 | 8032636768179 | 150 | LM | |
| EC MA1510M | 38 | 8033954870445 | 150 | LM | |
| EC MA2010 | 38 | 8032636768186 | 100 | LM | |
| EC MA2010M | 38 | 8033954870452 | 100 | LM | |
| EC MA2075 | 38 | 8032636768193 | 150 | LM | |
| EC MA2075M | 38 | 8033954870469 | 150 | LM | |
| EC MC1515B | 35 | 8033576779119 | 100 | LM | |
| EC MC1515G | 35 | 8053676571017 | 100 | LM | |
| EC MC1515M | 35 | 8053676571390 | 100 | LM | |
| EC MC1517AB | 37 | 8032636760173 | 80 | LM | A |
| EC MC1517B | 34 | 8032636760180 | 100 | LM | A,B |
| EC MC1517G | 34 | 8032636760197 | 100 | LM | A |
| EC MC1517M | 34 | 8053676575152 | 100 | LM | A |
| EC MC1818B | 35 | 8053676571505 | 100 | LM | |
| EC MC1818G | 35 | 8053676571031 | 100 | LM | |
| EC MC1818M | 35 | 8053676575169 | 100 | LM | |
| EC MC2010AB | 37 | 8032636760241 | 100 | LM | A |
| EC MC2010AG | 37 | 8053676571048 | 100 | LM | A |
| EC MC2010AM | 37 | 8053676575176 | 100 | LM | |
| EC MC2010B | 34 | 8032636760258 | 100 | LM | A,B |
| EC MC2010G | 34 | 8032636760265 | 100 | LM | A |
| EC MC2010M | 34 | 8053676575183 | 100 | LM | A |
| EC MC2020B | 35 | 8033576779126 | 90 | LM | |
| EC MC2020G | 35 | 8053676571055 | 90 | LM | |
| EC MC2020M | 35 | 8053676575190 | 90 | LM | |
| EC MC2210-1B | 34 | 8032793872948 | 100 | LM | A,B |
| EC MC2210-1G | 34 | 8053676571062 | 100 | LM | A |
| EC MC2210-1M | 34 | 8053676575206 | 100 | LM | A |
| EC MC2210B | 34 | 8032636760272 | 100 | LM | A,B |
| EC MC2210G | 34 | 8032636760289 | 100 | LM | A |
| EC MC2210M | 34 | 8053676575213 | 100 | LM | A |
| EC MC2213-1B | 36 | 8053676578726 | 100 | LM | B |
| EC MC2213-1B | 36 | 8053676578733 | 80 | LM | B |
| EC MC2517AB | 37 | 8032636760296 | 60 | LM | A |
| EC MC2517AG | 37 | 8053676571079 | 80 | LM | A |
| EC MC2517AG | 37 | 8053676571079 | 60 | LM | A |
| EC MC2517AM | 37 | 8053676575220 | 80 | LM | |

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| EC MC2517AM | 37 | 8053676575220 | 60 | LM | |
| EC MC2517B | 34 | 8032636760302 | 80 | LM | A,B |
| EC MC2517G | 34 | 8032636760319 | 80 | LM | A |
| EC MC2517M | 34 | 8053676575237 | 80 | LM | A |
| EC MC2525AB | 37 | 8032636760326 | 80 | LM | A |
| EC MC2525AG | 37 | 8053676571086 | 80 | LM | A |
| EC MC2525AM | 37 | 8053676575244 | 80 | LM | |
| EC MC2525B | 34 | 8032636760333 | 100 | LM | A,B |
| EC MC2525G | 34 | 8032636760340 | 100 | LM | A |
| EC MC2525M | 34 | 8053676575251 | 100 | LM | A |
| EC MC3010-1B | 34 | 8032793872955 | 80 | LM | A,B |
| EC MC3010-1G | 34 | 8053676571093 | 80 | LM | A |
| EC MC3010-1M | 34 | 8053676575268 | 80 | LM | A |
| EC MC3010AB | 37 | 8032636760463 | 80 | LM | A |
| EC MC3010AG | 37 | 8053676571109 | 80 | LM | A |
| EC MC3010AM | 37 | 8053676575275 | 80 | LM | |
| EC MC3010B | 34 | 8032636760470 | 80 | LM | A,B |
| EC MC3010G | 34 | 8032636760487 | 80 | LM | A |
| EC MC3010M | 34 | 8053676575282 | 80 | LM | A |
| EC MC3015B | 35 | 8033576779133 | 80 | LM | |
| EC MC3015G | 35 | 8053676571116 | 80 | LM | |
| EC MC3015M | 35 | 8053676575299 | 80 | LM | |
| EC MC3030B | 35 | 8033576779140 | 80 | LM | |
| EC MC3030G | 35 | 8053676571123 | 80 | LM | |
| EC MC3030M | 35 | 8053676575305 | 80 | LM | |
| EC MC4010B | 34 | 8032636761200 | 60 | LM | A,B |
| EC MC4010G | 34 | 8032636761217 | 60 | LM | A |
| EC MC4010M | 34 | 8053676575312 | 60 | LM | A |
| EC MC4017-1B | 34 | 8032793872962 | 50 | LM | A,B |
| EC MC4017-1G | 34 | 8053676571130 | 50 | LM | A |
| EC MC4017-1M | 34 | 8053676575329 | 50 | LM | A |
| EC MC4017AB | 37 | 8032636761248 | 80 | LM | A |
| EC MC4017AG | 37 | 8053676571147 | 80 | LM | A |
| EC MC4017AM | 37 | 8053676575336 | 80 | LM | |
| EC MC4017B | 34 | 8032636761224 | 50 | LM | A,B |
| EC MC4017G | 34 | 8032636761231 | 50 | LM | A |
| EC MC4017M | 34 | 8053676575343 | 50 | LM | A |
| EC MC4025AB | 37 | 8032636761255 | 60 | LM | A |
| EC MC4025AG | 37 | 8053676571154 | 60 | LM | A |
| EC MC4025AM | 37 | 8053676575350 | 60 | LM | |
| EC MC4025B | 34 | 8032636761262 | 80 | LM | A,B |
| EC MC4025G | 34 | 8032636761279 | 80 | LM | A |
| EC MC4025M | 34 | 8053676575367 | 80 | LM | A |
| EC MC5020-1B | 34 | 8032636762030 | 60 | LM | A,B |
| EC MC5020-1G | 34 | 8053676571161 | 60 | LM | A |
| EC MC5020-1M | 34 | 8053676575374 | 60 | LM | A |
| EC MC5020-2B | 34 | 8032636762047 | 60 | LM | A,B |
| EC MC5020-2G | 34 | 8053676571376 | 60 | LM | A |
| EC MC5020-2M | 34 | 8053676575381 | 60 | LM | A |
| EC MC5020B | 34 | 8032636762016 | 60 | LM | A,B |
| EC MC5020G | 34 | 8053676571383 | 60 | LM | A |
| EC MC5020M | 34 | 8053676575398 | 60 | LM | A |
| EC MC6017B | 34 | 8032636762849 | 70 | LM | A,B |
| EC MC6017G | 34 | 8032636762856 | 70 | LM | A |
| EC MC6017M | 34 | 8053676575404 | 70 | LM | A |
| EC MS16 | 341 | 8032636768209 | 10/350 | PCE | A |
| EC MS20 | 341 | 8032636768216 | 10/200 | PCE | A |
| EC MS25 | 341 | 8032636768223 | 10/200 | PCE | A |
| EC MS32 | 341 | 8032636768230 | 10/100 | PCE | A |
| EC MS40 | 341 | 8032636768247 | 5/80 | PCE | A |
| EC MS50 | 341 | 8032636768254 | 5/40 | PCE | A |
| EC P03 | 122 | 8032636768261 | 25/500 | LM | |
| EC P04 | 122 | 8032636768278 | 25/500 | LM | |
| EC P06 | 122 | 8032636768285 | 25/300 | LM | |
| EC P08 | 122 | 8032636768292 | 25/200 | LM | |
| EC P1.5 | 122 | 8032636768308 | 25/500 | LM | |
| EC P10 | 122 | 8032636768315 | 25/150 | LM | |
| EC P12 | 122 | 8032636768322 | 25/120 | LM | |
| EC P14 | 122 | 8032636768339 | 25/100 | LM | |
| EC P5050 | 121 | 8032636768346 | 24 | LM | |
| EC P7550 | 121 | 8033954871244 | 40 | LM | |
| EC PA03 | 122 | 8032636768353 | 25/500 | LM | |
| EC PA04 | 122 | 8032636768360 | 25/500 | LM | |
| EC PA06 | 122 | 8032636768377 | 25/300 | LM | |
| EC PA08 | 122 | 8032636768384 | 25/200 | LM | |
| EC PA1.5 | 122 | 8032636768391 | 25/500 | LM | |
| EC PA10 | 122 | 8032636768407 | 25/150 | LM | |
| EC PA12 | 122 | 8032636768414 | 25/120 | LM | |
| EC PA14 | 122 | 8032636768421 | 25/100 | LM | |
| EC PN03 | 122 | 8032636768438 | 25/500 | LM | |
| EC PN04 | 122 | 8032636768445 | 25/500 | LM | |
| EC PN06 | 122 | 8032636768452 | 25/300 | LM | |
| EC PN08 | 122 | 8032636768469 | 25/200 | LM | |
| EC PN1.5 | 122 | 8032636768476 | 25/500 | LM | |
| EC PN10 | 122 | 8032636768483 | 25/150 | LM | |
| EC PN12 | 122 | 8032636768490 | 25/120 | LM | |
| EC PN14 | 122 | 8032636768506 | 25/100 | LM | |
| EC POZ.20 | 349 | 8032793870920 | 1 | PCE | |
| EC POZ.25 | 349 | 8032793870913 | 1 | PCE | |
| EC POZ.30 | 349 | 8032793870937 | 1 | PCE | |
| EC POZ.40 | 349 | 8032793870944 | 1 | PCE | |
| EC RM16-23 | 346 | 8054382041528 | 10/400 | PCE | |
| EC RM20-23 | 346 | 8054382041535 | 10/400 | PCE | |
| EC RM20-29 | 346 | 8054382041542 | 10/350 | PCE | |
| EC RM25-29 | 346 | 8054382041559 | 10/300 | PCE | |
| EC RM32-37 | 346 | 8054382041566 | 10/200 | PCE | |
| EC RM40-37 | 346 | 8054382041573 | 5/100 | PCE | |
| EC RM50-48 | 346 | 8054382041580 | 5/70 | PCE | |
| EC RS16 | 342 | 8032636768537 | 10/200 | PCE | |
| EC RS20 | 342 | 8032636768544 | 10/200 | PCE | |
| EC RS25 | 342 | 8032636768551 | 10/160 | PCE | |
| EC RS32 | 342 | 8032636768568 | 10/80 | PCE | |
| EC RS40 | 342 | 8032636768575 | 5/60 | PCE | |
| EC RS50 | 342 | 8032636768582 | 5/40 | PCE | |
| EC S100100 | 116 | 8032636768599 | 16 | LM | A,D,E |
| EC S10040 | 116 | 8032636768605 | 28 | LM | A,D,E |
| EC S10060 | 116 | 8032636768612 | 20 | LM | A,D,E |
| EC S10080 | 116 | 8032636768629 | 24 | LM | A,D,E |
| EC S12040 | 116 | 8032636768636 | 24 | LM | A,D,E |
| EC S12060 | 116 | 8032636768643 | 20 | LM | A,D,E |
| EC S12080 | 116 | 8032636768650 | 16 | LM | A,D,E |
| EC S2525 | 116 | 8032636768667 | 100 | LM | A,D,E |
| EC S2540 | 116 | 8032636768674 | 100 | LM | A,D,E |
| EC S2560 | 116 | 8032636768681 | 70 | LM | A,D,E |
| EC S2580 | 116 | 8032636768698 | 56 | LM | A,D,E |

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| EC S3-05 | 355 | 8032636768704 | 340 | PCE | |
| EC S3-10 | 355 | 8032636768711 | 180 | PCE | |
| EC S3-15 | 355 | 8032636768728 | 120 | PCE | |
| EC S3-20 | 355 | 8032636768735 | 90 | PCE | |
| EC S3-25 | 355 | 8032636768742 | 70 | PCE | |
| EC S3-30 | 355 | 8032636768759 | 60 | PCE | |
| EC S40100 | 116 | 8032636768827 | 32 | LM | A,D,E |
| EC S4025 | 116 | 8032636768834 | 80 | LM | A,D,E |
| EC S4040 | 116 | 8032636768841 | 70 | LM | A,D,E |
| EC S4-05 | 355 | 8032636768766 | 200 | PCE | |
| EC S4060 | 116 | 8032636768858 | 56 | LM | A,D,E |
| EC S4080 | 116 | 8032636768865 | 40 | LM | A,D,E |
| EC S4-10 | 355 | 8032636768773 | 100 | PCE | |
| EC S4-15 | 355 | 8032636768780 | 60 | PCE | |
| EC S4-20 | 355 | 8032636768797 | 50 | PCE | |
| EC S4-25 | 355 | 8032636768803 | 40 | PCE | |
| EC S4-30 | 355 | 8032636768810 | 36 | PCE | |
| EC S60100 | 116 | 8032636768872 | 24 | LM | A,D,E |
| EC S6040 | 116 | 8032636768889 | 50 | LM | A,D,E |
| EC S6060 | 116 | 8032636768896 | 32 | LM | A,D,E |
| EC S6080 | 116 | 8032636768902 | 36 | LM | A,D,E |
| EC S80100 | 116 | 8032636768919 | 24 | LM | A,D,E |
| EC S8040 | 116 | 8032636768926 | 40 | LM | A,D,E |
| EC S8060 | 116 | 8032636768933 | 28 | LM | A,D,E |
| EC S8080 | 116 | 8032636768940 | 30 | LM | A,D,E |
| EC SESB | 65 | 8032636768957 | 50 | LM | A,B |
| EC SESG | 65 | 8032636768964 | 50 | LM | A,D,E |
| EC SH10040 | 118 | 8032793873969 | 28 | LM | G |
| EC SH10060 | 118 | 8032793873976 | 20 | LM | G |
| EC SH10080 | 118 | 8032793873983 | 24 | LM | G |
| EC SH12040 | 118 | 8032793873990 | 24 | LM | G |
| EC SH12060 | 118 | 8032793874003 | 20 | LM | G |
| EC SH12080 | 118 | 8032793874010 | 16 | LM | G |
| EC SH2540 | 118 | 8032793873839 | 100 | LM | G |
| EC SH2560 | 118 | 8032793873846 | 70 | LM | G |
| EC SH2580 | 118 | 8032793873853 | 56 | LM | G |
| EC SH4040 | 118 | 8032793874027 | 70 | LM | G |
| EC SH4060 | 118 | 8032793873877 | 56 | LM | G |
| EC SH4080 | 118 | 8032793873884 | 40 | LM | G |
| EC SH6040 | 118 | 8032793873907 | 50 | LM | G |
| EC SH6060 | 118 | 8032793873914 | 32 | LM | G |
| EC SH6080 | 118 | 8032793873921 | 36 | LM | G |
| EC SH8040 | 118 | 8032793873938 | 40 | LM | G |
| EC SH8060 | 118 | 8032793873945 | 28 | LM | G |
| EC SH8080 | 118 | 8032793873952 | 30 | LM | G |
| EC SM0 | 40 | 8032636768995 | 30 | PCE | |
| EC SM1 | 40 | 8032636768971 | 30 | PCE | |
| EC SM2 | 40 | 8032636768988 | 30 | PCE | |
| EC SPA2213B | 40 | 8053676578863 | 1/30 | PCE | B |
| EC SPA3213B | 41 | 8053676578870 | 1/30 | PCE | B |
| EC SPA45B | 43 | 8032793870500 | 1/30 | PCE | B |
| EC SPA60B | 40 | 8032636769008 | 1/25 | PCE | A |
| EC SPA70B | 40 | 8032636769022 | 1/50 | PCE | A,B |
| EC SPA80B | 40 | 8053676576869 | 1/35 | PCE | |
| EC SPA90B | 40 | 8053676576876 | 1/24 | PCE | |
| EC SSB1 | 40 | 8032636769046 | 1/25 | PCE | A |
| EC SSB2 | 68 | 8032636769053 | 1/5 | PCE | A |
| EC SSB3 | 73 | 8032636769060 | 1/4 | PCE | A |
| EC T1517B | 46 | 8032636769077 | 10/50 | PCE | A,B |
| EC T2010B | 42 | 8032636769084 | 10/50 | PCE | A,B |
| EC T2210B | 43 | 8032636769091 | 10/50 | PCE | A,B |
| EC T2213B | 40 | 8053676578849 | 10/50 | PCE | B |
| EC T2517B | 47 | 8032636769107 | 10/50 | PCE | A,B |
| EC T2525B | 50 | 8032636769114 | 10/50 | PCE | A,B |
| EC T3010B | 44 | 8032636769121 | 10/50 | PCE | A,B |
| EC T3213B | 41 | 8053676578856 | 10/50 | PCE | B |
| EC T4010B | 45 | 8032636769138 | 10/50 | PCE | A,B |
| EC T4017B | 48 | 8032636769145 | 10/50 | PCE | A,B |
| EC T4025B | 51 | 8032636769152 | 10/50 | PCE | A,B |
| EC T4040B | 68 | 8032636769169 | 10/50 | PCE | A,B |
| EC T6017B | 49 | 8032636769176 | 10/50 | PCE | A,B |
| EC T6040B | 69 | 8032636769183 | 10/50 | PCE | A,B |
| EC T6060B | 70 | 8032636769190 | 10 | PCE | A,B |
| EC TC10 | 354 | 8032636769206 | 100/1500 | PCE | |
| EC TC1216 | 326 | 8032793879121 | 100/6000 | LM | C |
| EC TC121610 | 326 | 8032793879244 | 288 | PCE | C |
| EC TC121625 | 326 | 8032793879213 | 165 | PCE | C |
| EC TC121650 | 326 | 8032793879138 | 50/4800 | LM | C |
| EC TC1216T | 326 | 8032793879275 | 100/6000 | LM | C |
| EC TC1220 | 326 | 8032793879145 | 100/4800 | LM | C |
| EC TC122010 | 326 | 8032793879251 | 216 | PCE | C |
| EC TC122025 | 326 | 8032793879220 | 121 | PCE | C |
| EC TC122050 | 326 | 8032793879152 | 50/3300 | LM | C |
| EC TC1220T | 326 | 8032793879282 | 100/4800 | LM | C |
| EC TC1225 | 326 | 8032793879169 | 50/2800 | LM | C |
| EC TC122510 | 326 | 8032793879268 | 154 | PCE | C |
| EC TC1225100 | 326 | 8032793879176 | 100/3600 | LM | C |
| EC TC122525 | 326 | 8032793879237 | 90 | PCE | C |
| EC TC1225T | 326 | 8032793879299 | 50/2800 | LM | C |
| EC TC1232 | 326 | 8032793879183 | 25/1600 | LM | C |
| EC TC123250 | 326 | 8033576770079 | 50/1800 | LM | C |
| EC TC1232T | 326 | 8032793879305 | 25/1600 | LM | C |
| EC TC1240 | 326 | 8032793879190 | 25/1000 | LM | C |
| EC TC1240T | 326 | 8032793879312 | 25/1000 | LM | C |
| EC TC1250 | 326 | 8032793879206 | 25/800 | LM | C |
| EC TC1250T | 326 | 8032793879329 | 25/800 | LM | C |
| EC TC1516 | 325 | 8032636766502 | 100/6000 | LM | A |
| EC TC151610 | 325 | 8032793876403 | 288 | PCE | A |
| EC TC151610T | 325 | 8032793976434 | 288 | PCE | A |
| EC TC151625 | 325 | 8032793876342 | 198 | PCE | A |
| EC TC151625T | 325 | 8032793876373 | 198 | PCE | A |
| EC TC151650 | 325 | 8032793876304 | 50/4800 | LM | A |
| EC TC151650T | 325 | 8032793876328 | 50/4800 | LM | A |
| EC TC1516B | 325 | 8032793872504 | 100/6000 | LM | |
| EC TC1516BL | 325 | 8032793872580 | 100/6000 | LM | |
| EC TC1516L | 325 | 8032793872740 | 100/6000 | LM | |
| EC TC1516M | 325 | 8032793872665 | 100/6000 | LM | |
| EC TC1516T | 325 | 8032636766748 | 100/6000 | LM | A |
| EC TC1516TB | 325 | 8032793872542 | 100/6000 | LM | |
| EC TC1516TBL | 325 | 8032793872627 | 100/6000 | LM | |
| EC TC1516TL | 325 | 8032793872788 | 100/6000 | LM | |
| EC TC1516TM | 325 | 8032793872702 | 100/6000 | LM | |
| EC TC1516TVE | 325 | 8032793872467 | 100/6000 | LM | |
| EC TC1516VE | 325 | 8032793872429 | 100/6000 | LM | |
| EC TC1520 | 325 | 8032636766526 | 100/5200 | LM | A |

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| EC TC152010T | 325 | 8032793876441 | 216 | PCE | A |
| EC TC152025 | 325 | 8032793876359 | 132 | PCE | A |
| EC TC152025T | 325 | 8032793876380 | 132 | PCE | A |
| EC TC152050 | 325 | 8032793876311 | 50/3300 | LM | A |
| EC TC152050T | 325 | 8032793876335 | 50/3300 | LM | A |
| EC TC1520B | 325 | 8032793872511 | 100/5200 | LM | |
| EC TC1520BL | 325 | 8032793872597 | 100/5200 | LM | |
| EC TC1520L | 325 | 8032793872757 | 100/5200 | LM | |
| EC TC1520M | 325 | 8032793872672 | 100/5200 | LM | |
| EC TC1520T | 325 | 8032636766762 | 100/5200 | LM | A |
| EC TC1520TB | 325 | 8032793872559 | 100/5200 | LM | |
| EC TC1520TBL | 325 | 8032793872634 | 100/5200 | LM | |
| EC TC1520TL | 325 | 8032793872795 | 100/5200 | LM | |
| EC TC1520TM | 325 | 8032793872719 | 100/5200 | LM | |
| EC TC1520TVE | 325 | 8032793872474 | 100/5200 | LM | |
| EC TC1520VE | 325 | 8032793872436 | 100/5200 | LM | |
| EC TC1525 | 325 | 8032636766540 | 50/3000 | LM | A |
| EC TC152510 | 325 | 8032793876427 | 165 | PCE | A |
| EC TC152510T | 325 | 8032793876458 | 165 | PCE | A |
| EC TC152525 | 325 | 8032793876366 | 99 | PCE | A |
| EC TC152525T | 325 | 8032793876397 | 99 | PCE | A |
| EC TC1525B | 325 | 8032793872528 | 50/3000 | LM | |
| EC TC1525BL | 325 | 8032793872603 | 50/3000 | LM | |
| EC TC1525L | 325 | 8032793872764 | 50/3000 | LM | |
| EC TC1525M | 325 | 8032793872689 | 50/3000 | LM | |
| EC TC1525T | 325 | 8032793872382 | 50/3000 | LM | A |
| EC TC1525TB | 325 | 8032793872566 | 50/3000 | LM | |
| EC TC1525TBL | 325 | 8032793872641 | 50/3000 | LM | |
| EC TC1525TL | 325 | 8032793872801 | 50/3000 | LM | |
| EC TC1525TM | 325 | 8032793872726 | 50/3000 | LM | |
| EC TC1525TVE | 325 | 8032793872481 | 50/3000 | LM | |
| EC TC1525VE | 325 | 8032793872443 | 50/3000 | LM | |
| EC TC1532 | 325 | 8032636766564 | 25/1600 | LM | A |
| EC TC1532B | 325 | 8032793872535 | 25/1600 | LM | |
| EC TC1532BL | 325 | 8032793872610 | 25/1600 | LM | |
| EC TC1532L | 325 | 8032793872771 | 25/1600 | LM | |
| EC TC1532M | 325 | 8032793872696 | 25/1600 | LM | |
| EC TC1532T | 325 | 8032793872399 | 25/1600 | LM | A |
| EC TC1532TB | 325 | 8032793872573 | 25/1600 | LM | |
| EC TC1532TBL | 325 | 8032793872658 | 25/1600 | LM | |
| EC TC1532TL | 325 | 8032793872818 | 25/1600 | LM | |
| EC TC1532TM | 325 | 8032793872733 | 25/1600 | LM | |
| EC TC1532TVE | 325 | 8032793872498 | 25/1600 | LM | |
| EC TC1532VE | 325 | 8032793872450 | 25/1600 | LM | |
| EC TC1540 | 325 | 8032636766588 | 25/1000 | LM | |
| EC TC1540T | 325 | 8032793872405 | 25/1000 | LM | |
| EC TC1550 | 325 | 8032636766601 | 25/800 | LM | |
| EC TC1550T | 325 | 8032793872412 | 25/800 | LM | |
| EC TC1816 | 327 | 8032793879336 | 100/6000 | LM | C |
| EC TC181610 | 327 | 8032793879459 | 288 | PCE | C |
| EC TC181625 | 327 | 8032793879428 | 165 | PCE | C |
| EC TC181650 | 327 | 8032793879343 | 50/4800 | LM | C |
| EC TC1820 | 327 | 8032793879350 | 100/4800 | LM | C |
| EC TC182010 | 327 | 8032793879466 | 216 | PCE | C |
| EC TC182025 | 327 | 8032793879435 | 121 | PCE | C |
| EC TC182050 | 327 | 8032793879367 | 50/3300 | LM | C |
| EC TC1825 | 327 | 8032793879374 | 50/2800 | LM | C |
| EC TC182510 | 327 | 8032793879473 | 154 | PCE | C |
| EC TC1825100 | 327 | 8032793879381 | 100/3600 | LM | C |
| EC TC182525 | 327 | 8032793879442 | 90 | PCE | C |
| EC TC1832 | 327 | 8032793879398 | 25/1600 | LM | C |
| EC TC183250 | 327 | 8033576770086 | 50/1800 | LM | C |
| EC TC1840 | 327 | 8032793879404 | 25/1000 | LM | C |
| EC TC1850 | 327 | 8032793879411 | 25/800 | LM | C |
| EC TC5 | 354 | 8032636769213 | 100/6000 | PCE | |
| EC TC6 | 354 | 8032636769220 | 100/5000 | PCE | |
| EC TC8 | 354 | 8032636769237 | 100/3000 | PCE | |
| EC TFLEX13 | 297 | 8032636769930 | 100/2000 | PCE | |
| EC TFLEX16 | 349 | 8032636769244 | 100/2000 | PCE | |
| EC TFLEX18 | 297 | 8032636769947 | 100/2000 | PCE | |
| EC TFLEX20 | 349 | 8032636769251 | 100/2000 | PCE | |
| EC TFLEX25 | 349 | 8032636769268 | 100/1500 | PCE | |
| EC TFLEX32 | 349 | 8032636769275 | 50/800 | PCE | |
| EC TFLEX40 | 349 | 8032636769282 | 50/500 | PCE | |
| EC TFLEX50 | 349 | 8032636769299 | 50/300 | PCE | |
| EC TG1216 | 323 | 8032793879480 | 102/3162 | LM | |
| EC TG1216-2 | 323 | 8032793879541 | 68/2108 | LM | |
| EC TG1216B | 323 | 8032793879602 | 102/3162 | LM | C |
| EC TG1216B-2 | 323 | 8032793879664 | 68/2108 | LM | C |
| EC TG1220 | 323 | 8032793879497 | 102/2040 | LM | |
| EC TG1220-2 | 323 | 8032793879558 | 68/1360 | LM | |
| EC TG1220B | 323 | 8032793879619 | 102/2040 | LM | C |
| EC TG1220B-2 | 323 | 8032793879671 | 68/1360 | LM | C |
| EC TG1225 | 323 | 8032793879503 | 60/1440 | LM | |
| EC TG1225-2 | 323 | 8032793879565 | 40/960 | LM | |
| EC TG1225B | 323 | 8032793879626 | 60/1440 | LM | C |
| EC TG1225B-2 | 323 | 8032793879688 | 40/960 | LM | C |
| EC TG1232 | 323 | 8032793879510 | 30/840 | LM | |
| EC TG1232-2 | 323 | 8032793879572 | 20/560 | LM | |
| EC TG1232B | 323 | 8032793879633 | 30/840 | LM | C |
| EC TG1232B-2 | 323 | 8032793879695 | 20/560 | LM | C |
| EC TG1240 | 323 | 8032793879527 | 30/540 | LM | |
| EC TG1240-2 | 323 | 8032793879589 | 20/360 | LM | |
| EC TG1240B | 323 | 8032793879640 | 30/540 | LM | C |
| EC TG1240B-2 | 323 | 8032793879701 | 20/360 | LM | C |
| EC TG1250 | 323 | 8032793879534 | 15/360 | LM | |
| EC TG1250-2 | 323 | 8032793879596 | 10/240 | LM | |
| EC TG1250B | 323 | 8032793879657 | 15/360 | LM | C |
| EC TG1250B-2 | 323 | 8032793879718 | 10/240 | LM | C |
| EC TG1516 | 322 | 8032636766625 | 102/3162 | LM | A,B |
| EC TG1516-2 | 322 | 8032793876168 | 68/2108 | LM | A,B |
| EC TG1516B | 322 | 8032793876960 | 75/3000 | LM | B |
| EC TG1516B-2 | 322 | 8032793879725 | 50/2000 | LM | B |
| EC TG1520 | 322 | 8032636766649 | 102/2040 | LM | A,B |
| EC TG1520-2 | 322 | 8032793876175 | 68/1360 | LM | A,B |
| EC TG1520B | 322 | 8032793876977 | 51/2040 | LM | B |
| EC TG1520B-2 | 322 | 8032793879732 | 34/1360 | LM | B |
| EC TG1525 | 322 | 8032636766663 | 60/1440 | LM | A,B |
| EC TG1525-2 | 322 | 8032793876182 | 40/960 | LM | A,B |
| EC TG1525B | 322 | 8032793876984 | 51/1428 | LM | B |
| EC TG1525B-2 | 322 | 8032793879749 | 34/952 | LM | B |
| EC TG1532 | 322 | 8032636766687 | 30/840 | LM | A,B |
| EC TG1532-2 | 322 | 8032793876199 | 20/560 | LM | A,B |
| EC TG1532B | 322 | 8032793876991 | 30/840 | LM | B |
| EC TG1532B-2 | 322 | 8032793879756 | 20/560 | LM | B |
| EC TG1540 | 322 | 8032636766700 | 30/540 | LM | A,B |
| EC TG1540-2 | 322 | 8032793876205 | 20/360 | LM | A,B |
| EC TG1540B | 322 | 8032793877004 | 21/420 | LM | B |
| EC TG1540B-2 | 322 | 8032793879763 | 14/280 | LM | B |
| EC TG1550 | 322 | 8032636766724 | 15/360 | LM | A,B |
| EC TG1550-2 | 322 | 8032793876212 | 10/240 | LM | A,B |
| EC TG1550B | 322 | 8032793877011 | 15/360 | LM | B |
| EC TG1550B-2 | 322 | 8032793879770 | 10/240 | LM | B |
| EC TG1563 | 322 | 8033576778426 | 180 | LM | |
| EC TG2016B | 324 | 8032793879787 | 102/3162 | LM | G |
| EC TG2020B | 324 | 8032793879794 | 102/2040 | LM | G |
| EC TG2025B | 324 | 8032793879800 | 60/1440 | LM | G |
| EC TG2032B | 324 | 8032793879817 | 30/840 | LM | G |
| EC TG2040B | 324 | 8032793879824 | 30/540 | LM | G |
| EC TG2050B | 324 | 8032793879831 | 15/360 | LM | G |
| EC TG2116 | 324 | 8032793879848 | 102/3162 | LM | |
| EC TG2120 | 324 | 8032793879855 | 102/2040 | LM | |
| EC TG2125 | 324 | 8032793879862 | 60/1440 | LM | |
| EC TG2132 | 324 | 8032793879879 | 30/840 | LM | |
| EC TG2140 | 324 | 8032793879886 | 30/540 | LM | |
| EC TG2150 | 324 | 8032793879893 | 15/360 | LM | |
| EC TI16 | 347 | 8032636769329 | 100/300 | PCE | |
| EC TI20 | 347 | 8032636769336 | 50/200 | PCE | |
| EC TI25 | 347 | 8032636769343 | 25/100 | PCE | |
| EC TI32 | 347 | 8032636769350 | 25/100 | PCE | |
| EC TP1216 | 328 | 8033954874429 | 100/7000 | LM | |
| EC TP1220 | 328 | 8033954874436 | 100/5000 | LM | |
| EC TP1225 | 328 | 8033954874443 | 50/3000 | LM | |
| EC TP1232 | 328 | 8033954874450 | 25/1600 | LM | |
| EC TP1240 | 328 | 8033954874467 | 25/1000 | LM | |
| EC TP1250 | 328 | 8033954874474 | 25/800 | LM | |
| EC TP1516 | 328 | 8033954874481 | 100/7000 | LM | |
| EC TP1520 | 328 | 8033954874498 | 100/5000 | LM | |
| EC TP1525 | 328 | 8033954874504 | 50/3000 | LM | |
| EC TP1532 | 328 | 8033954874511 | 25/1600 | LM | |
| EC TP1540 | 328 | 8033954874528 | 25/1000 | LM | |
| EC TP1550 | 328 | 8033954874535 | 25/800 | LM | |
| EC TP2016 | 328 | 8053676576296 | 100/7000 | LM | G |
| EC TP2020 | 328 | 8053676576302 | 100/5000 | LM | G |
| EC TP2025 | 328 | 8053676576319 | 50/3000 | LM | G |
| EC TP2032 | 328 | 8053676576326 | 25/1600 | LM | G |
| EC TP2040 | 328 | 8053676576333 | 25/1000 | LM | G |
| EC TP2050 | 328 | 8053676576340 | 25/800 | LM | G |
| EC TT10040B | 74 | 8032636769442 | 20 | PCE | A,B |
| EC TT10060B | 75 | 8032636769459 | 20 | PCE | A,B |
| EC TT10080B | 76 | 8032636769466 | 20 | PCE | A,B |
| EC TT12040B | 77 | 8032636769473 | 20 | PCE | A,B |
| EC TT12060B | 78 | 8032636769480 | 20 | PCE | A,B |
| EC TT12080B | 79 | 8032636769497 | 20 | PCE | A,B |
| EC TT15060B | 80 | 8032636769503 | 10 | PCE | A,B |
| EC TT1517B | 46 | 8032636769510 | 10/50 | PCE | A,B |
| EC TT20060B | 81 | 8032636769527 | 10 | PCE | A,B |
| EC TT20080B | 82 | 8032636769534 | 10 | PCE | A,B |
| EC TT2010B | 42 | 8032636769541 | 10/50 | PCE | A,B |
| EC TT2210B | 43 | 8032636769558 | 10/50 | PCE | A,B |
| EC TT2213B | 40 | 8053676578825 | 10/50 | PCE | B |
| EC TT2517B | 47 | 8032636769565 | 10/50 | PCE | A,B |
| EC TT2525B | 50 | 8032636769572 | 10/50 | PCE | A,B |
| EC TT3010B | 44 | 8032636769589 | 10/50 | PCE | A,B |
| EC TT3213B | 41 | 8053676578832 | 10/50 | PCE | B |
| EC TT4010B | 45 | 8032636769596 | 10/50 | PCE | A,B |
| EC TT4017B | 48 | 8032636769602 | 10/50 | PCE | A,B |
| EC TT4025B | 51 | 8032636769619 | 10/50 | PCE | A,B |
| EC TT4040B | 68 | 8032636769626 | 10/50 | PCE | A,B |
| EC TT6017B | 49 | 8032636769633 | 10/50 | PCE | A,B |
| EC TT6040B | 69 | 8032636769640 | 10/50 | PCE | A,B |
| EC TT6060B | 70 | 8032636769657 | 20 | PCE | A,B |
| EC TT8040B | 71 | 8032636769664 | 20 | PCE | A,B |
| EC TT8060B | 72 | 8032636769671 | 20 | PCE | A,B |
| EC TT8080B | 73 | 8032636769688 | 20 | PCE | A,B |

CATALOGUE 2019-20
1° EDITION

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