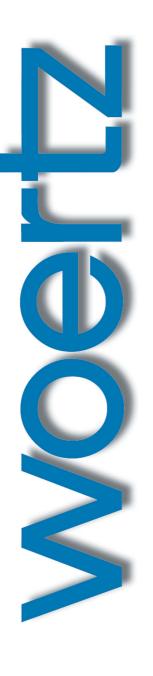
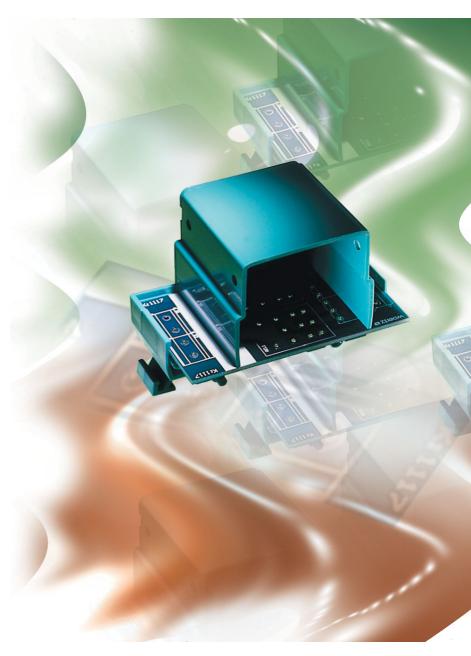
MODULAR BASES FOR PCB







MOUNTING RAILS

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Modular bases for printed circuit boards, Mounting rails

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Modular bases for printed circuit boards, Mounting rails

Introduction / Key to the dimensions

Our range of electronics includes products which can be used as control, monitoring, conversion or connection units in the manufacturing of control panels, in the machine-building and also in the automation techniques. The electronic modules and terminals are manufactured under continuous quality control and almost all modules are available as standards in stock.

Plastic base elements are used to support the printed circuits.

MPS (modular PCB socket)

The modular bases for printed circuit boards MPS are composed of various elements such as end pieces, partitions, foot parts and housings. All these elements can be plugged-in together. The length of the base element can be adjusted to the length of the printed circuit board by combining the different elements.

The base elements can be clipped on standard mounting rails (DIN).

There are 2 different types of modular bases for printed circuit boards MPS:

MPS 43 for 43 mm-wide printed circuit boards

MPS 80 for 80 mm-wide printed circuit boards

Circuit boards can be protected against accidental contact by means of green or transparent covers. The green covers match the base elements and the terminals for printed circuit boards. The transparent covers are suitable for monitoring LED's or other components. To ensure an easy and quick identification of the different modules and connections, marking can be performed on the covers thanks to our marking service. Diagrams, references or operating instructions may be printed on the covers.

Flexibility and quick execution of the projects are our main priorities. Our technical support is therefore ready to help you in the development and/or manufacturing of your products.

Key to the dimensions:



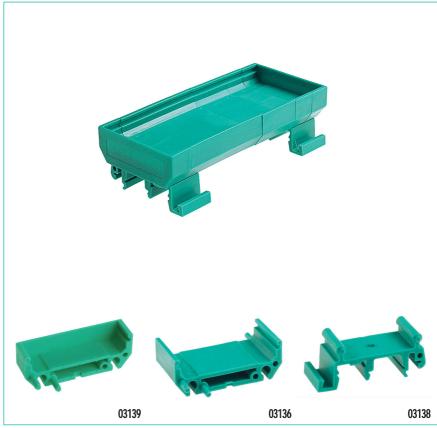
Width W Height H (always measured from the mounting rail)



Length L (corresponds to the measure alongside the mounting rail)



Of polyamide 66, turquoise green. With rib for receiving the printed circuit board. The printed board always has to be 2 mm shorter than the housing (2 x end pieces + any number of partitions).



End piece without foot part

11.25 mm

Partitions

22.5 mm 45 mm

Foot parts

Adapted to rails DIN 15, DIN 32 and DIN 35 (Type 3401).

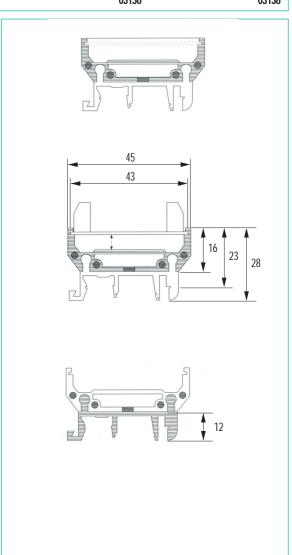
17 mm-wide foot part

The foot parts are always inserted between two MPS 43 base elements but have no effect on the whole length of the housing.

03139

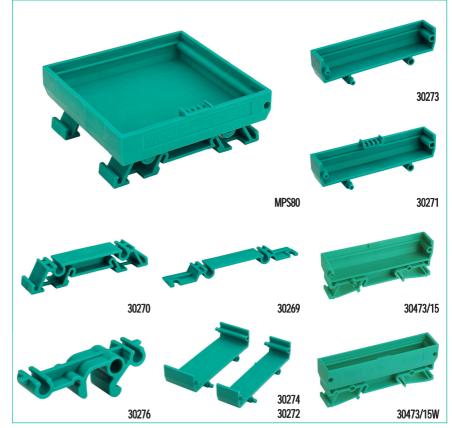
03136 03137

03138





Of polyamide 66, turquoise green. With rib for receiving the printed circuit board. The printed board always has to be 3 mm shorter than the housing (2 x end pieces + any number of partitions).



End pieces without foot part

10 mm 15 mm 15 mm, with marking possibility

Corresponding foot part

For clipping on to mounting rails: acc. to EN 60715 TH 35-7.5 / EN 60715 TH 35-15 and EN 60715 G32

For screw mounting

End pieces with foot part to EN 60715 TH 35-7.5 / EN 60715 TH 35-15

10 mm 11.5 mm 15 mm

Partitions

20 mm 30 mm 80 mm

Complete miniature housing with foot part to EN 60715 TH 35-7.5 / EN 60715 TH 35-15

10 mm 11.5 mm 15 mm 30273/10 30273 30271

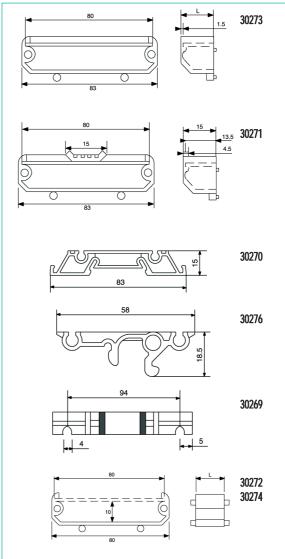
> 30270 30276

30269

30473/10 30473/11 30473/15

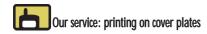
30272 30274 30472

30473/10W 30473/11W 30473/15W

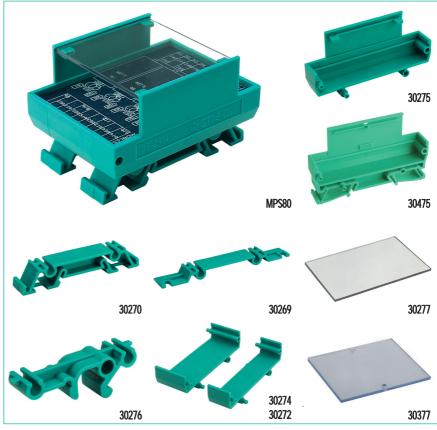




Of polyamide 66, turquoise green. With rib for receiving the printed circuit board. The rib at the top of the wall is meant for the cover or a second printed circuit board. The printed board always has to be 3 mm shorter than the housing (2 x end pieces + any number of partitions).



On request, the cover plates may be printed (comment, instructions, diagram...).



End pieces without foot part for unbored covers

10 mm 15 mm

Corresponding foot parts

For clipping on to mounting rails: acc. to EN 60715 TH 35-7.5 / EN 60715 TH 35-15 and EN 60715 G32

For screw mounting

End piece with foot part for EN 60715 TH 35-7.5 / EN 60715 TH 35-15 and bored cover plates

15 mm

Partitions

20 mm 30 mm 80 mm

Cover plates

They always have to be 3 mm shorter than the whole housing (2 x end pieces + any number of partitions).

XX = length in mm: 17, 22, 27, 37, 42, 47, 52, 57, 62, 67, 72, 77, 82, 87, 92, 97. Further dimensions on request.

transparent, unbored transparent, bored (for 30475) white, unbored white, bored (for 30475)

30275/10	
30275	

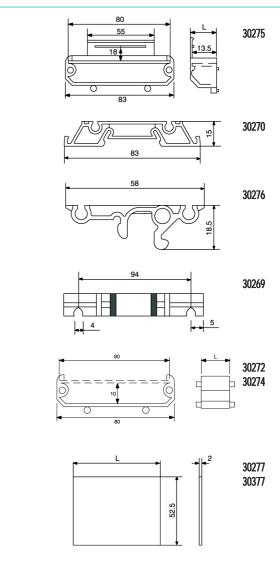
30270 30276

30269

30475

30272 30274 30472

30277/XX 30377/XX 30277/XXWE 30377/XXWE



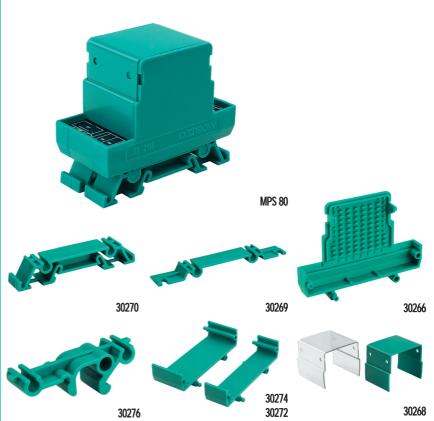


Of polyamide 66, turquoise green. With rib for receiving the printed circuit board. The printed board always has to be 3 mm shorter than the housing (2 x end pieces + any number of partitions). Grid on the side parts for holding several horizontal or vertical printed circuit boards.



Our service: printing on cover plates

On request, the cover plates may be printed (comment, instructions, diagram...).



End piece without foot part

10mm

Corresponding foot part

For clipping on to mounting rails acc. to EN 60715 TH 35-7.5 / EN 60715 TH 35-15 and EN 60715 G32

For screw mounting

Partitions

20mm 30mm 80mm

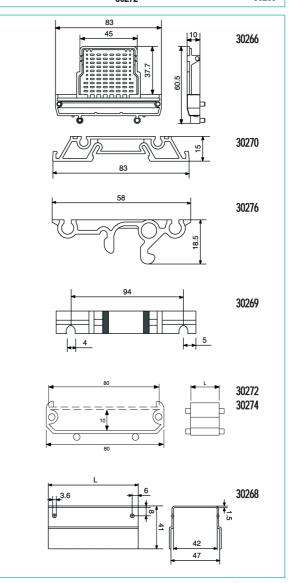
Cover

It always has to be 3 mm shorter than the whole housing (2 x end pieces + any number of intermediate pieces)

XX = Length in mm: 16, 36, 46, 56, 66, 76, 86, 96, 106, 116, 126, 136, 146, 156, 166, 176, 186, 196

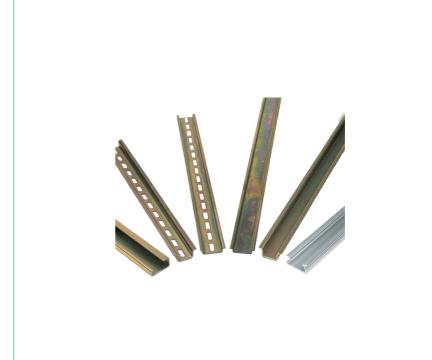
Green







- Of galvanized steel
- Made in lengths of 2 m



Mounting rails according to EN 60715 TH 35-7.5 / -15:

Available in slotted / non-slotted versions, in two different dimensions

Weight 0.325 resp. 0.320 kg/m.

Corresponds to the thermal resistance to short circuits of a 16 mm² copper conductor

non-slotted

slotted

Weight 0.925 bzw. 0.890 kg/m.

Corresponds to the thermal resistance to short circuits of a 50 mm² copper conductor

non-slotted

slotted

Combined rails

Outer flanks according to EN 60715 TH 35-7.5 / -15, inner flanks to rail C-30, made in lengths of 3 m

80291/3M 168 000 537

