SPECIAL TERMINALS

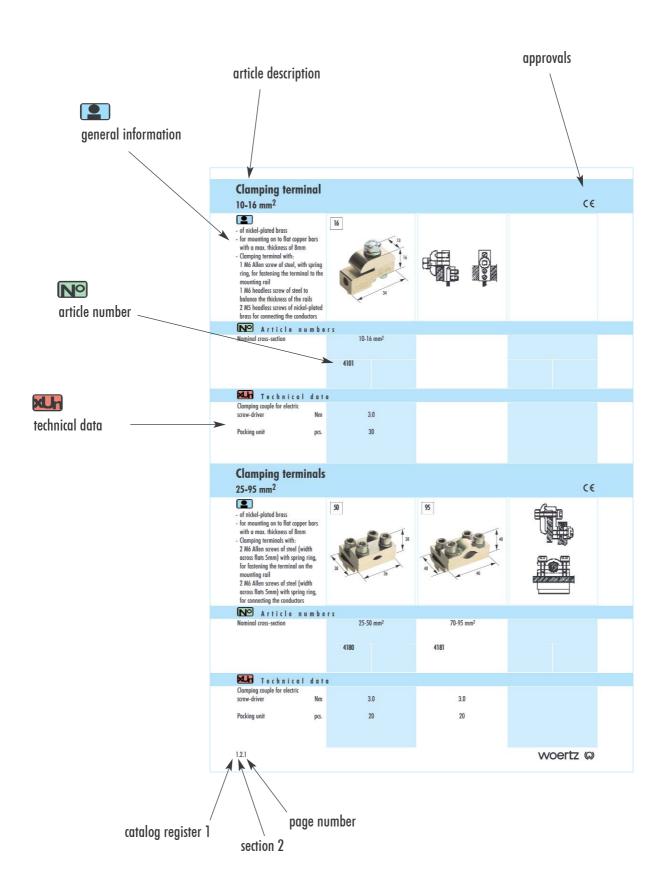




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Structure of the catalog



Introduction	pages 1.2.4 + 1.2.5
KINKS	
Special terminals	pages 1.2.6 to 1.2.11
Clamping terminals 10-95mm ²	
Branching disks 1.5mm ² + 2.5mm ²	
Terminal block 4mm ²	
Terminal strips $1 \text{mm}^2 + 1.5 \text{mm}^2 \dots$	
Terminals with blind hole $1.5 \text{mm}^2 + 2.5 \text{mm}^2 \dots$	
Screwless terminals for rapid connection 1.5mm ² Bare earthing terminals 2.5-35mm ²	

Introduction

Company profile

The Woertz company was founded in 1928; our head office is in Muttenz near Basle, Switzerland.

We are a family business with about 220 employees known as a quality manufacturer of circuitry accessories, installation systems and electronic control systems.

Our goals are:

- security,
- user-friendliness,
- and easy handling of our products.

We are certified according to ISO 9001 and ISO 14001.

Our range of products includes:

- terminals, junction boxes, grounding products, surge protection devices, anchor channels and anchoring studs
- flat cable installation systems
- floor ducts, double floor systems, under-window ducts
- electronic modules and interfaces.

The circuitry accessories and the electronic control systems are produced in our headquarters in Muttenz, the duct and double floor systems in the branch located in Hölstein.

Muttenz head office



Hofackerstrasse 47, CH-4132 Muttenz, Switzerland Tel. ++41 (0)61 / 466 33 33 Fax ++41 (0)61 / 461 96 06

Hölstein branch



Bärenmattenstrasse 3, CH - 4434 Hölstein, Switzerland Tel. ++ 41 (0)61 / 956 56 56 Fax ++ 41 (0)61 / 956 56 70

1.2.4



The Swiss Association for Quality and Management Systems

SQS herewith certifies that the company named below has a management system which meets the requirements of the normative bases specified below and issues the company

Woertz AG CH-4132 Muttenz 1

Certified area

Whole Company, location Muttenz and Hölstein

Field of activity

Electrical accessories, Installation systems

on the basis of the audit result the

SQS Certificate ISO 9001:2000 / ISO 14001:1996

CH-3052 Zollikofen, 25 June 2002 This SQS Certificate is valid up to and including 24 June 2005 Scope numbers 19, 14 Registration number 10501-06

Managing Director SQS

President SQS

T. Zahner

Prof. Dr. H. D. Seghezzi



- IWNet -

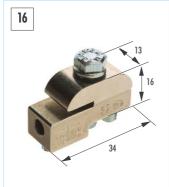
The SQS certificate ISO 9001 was issued to us 1987 for the first time and renewed regularly. ISO 14001 since 1996.

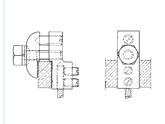
Clamping terminal

10-16 mm²



- of nickel-plated brass
- for mounting on to flat copper bars with a max. thickness of 8mm
- Clamping terminal with:
- 1 M6 Allen screw of steel, with spring ring, for fastening the terminal to the mounting rail
- 1 M6 headless screw of steel to balance the thickness of the rails 2 M5 headless screws of nickel-plated brass for connecting the conductors





Article numbers

Nominal cross-section 10-16 mm²

Technical

Clamping couple for electric screw-driver

Nm

data

3.0

4101

Packing unit pcs. 30

Clamping terminals

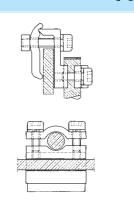
25-95 mm²



- of nickel-plated brass
- for mounting on to flat copper bars with a max. thickness of 8mm
- Clamping terminals with: 2 M6 Allen screws of steel (width across flats 5mm) with spring ring, for fastening the terminal on the mounting rail
- 2 M6 Allen screws of steel (width across flats 5mm) with spring ring, for connecting the conductors







CE

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NO Article numbers

Nominal cross-section 25-50 mm² 70-95 mm² 4180 4181 Technical data



Clamping couple for electric screw-driver	Nm	3.0	3.0
Packing unit	pcs.	20	20

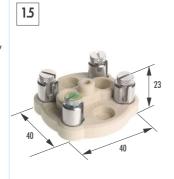
Branching disks

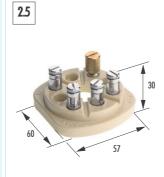
 $1.5 + 2.5 \, \text{mm}^2$





- of steatite
- clamping units of nickel-plated brass, for through conductors
- The earthing terminals are protected against working loose.





Ratings	500V/10A of unglazed steatite	500V/16A of glazed steatite terminals with spread-protection ring	
3P + PE 4P + PE 5P + PE	2544/1 2545/1 2546/1	2505 2506	

lechnical	dat	a	
Fastening holes	\varnothing mm	4	6
Distance between holes Ld	mm	16	35
Clamping couple for electric			
screw-driver	Nm	1.5	1.6
Packing unit	pcs.	50	20
		20 (at 2544/1)	

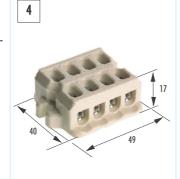
Terminal block

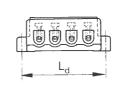
4 mm²





- insulating body of ceramics
- with 4 connecting terminals of nickelplated brass, each with 2 clamping screws per connection point





ATTICL	e ii o iii b e i 3	
Ratings		500V/20A
3P+PE	5	5611

Technical data

Connecting capacity	\varnothing mm	3.2
Clamping screws		M3.5
Fixing holes	mm	4.5
Distance between holes Ld	mm	42.5
Clamping couple for electric		
screw-driver	Nm	0.8
Packing unit	pcs.	20

Terminal strip

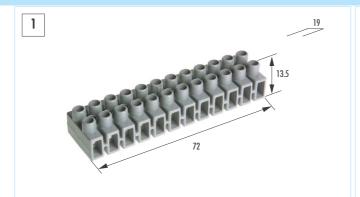
1 mm^2







- for bilateral connection
- insulating body of polyamide 66, halogen-free, grey
- with clamping units
- metal parts of nickel-plated brass
- captive clamping screws





Article numbers

Ratings	1 mm ² 400V/6A	
12-pole	5615	



Technical data

Connecting capacity	mm	2 x 2.6
Clamping screws		M2.5
Fixing holes	\varnothing mm	2.5
Distance between holes Ld	mm	6
Clamping couple for electric		
screw-driver	Nm	0.4
Packing unit	pcs.	50





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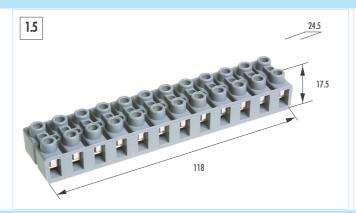
of plastic, white with special marking on request

Terminal strip

1.5 mm²



- for bilateral connection
- insulating body of polyamide 66, halogen-free, grey
- with clamping units
- metal parts of nickel-plated brass
- captive clamping screws





Article numbers

	MITTE	11 0 111 0 6	1 3	
Ratings			1.5	mm ²
			500V	//10A
12-part			5616GR	

Accessories

Marking knobs 5617



of plastic, white with special marking on request

Technical data

	uui	u .
Connecting capacity	mm	2.75 x 3.25
Clamping screws		M3.5
Fixing holes	\varnothing mm	3.5
Distance between holes Ld	mm	10
Clamping couple for electric		
screw-driver	Nm	0.8
Packing unit	pcs.	25

Terminals with blind hole



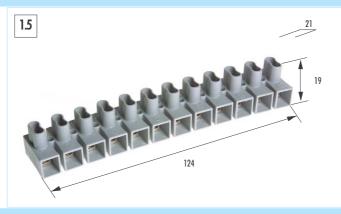




1.5 mm²



- for unilateral connection
- insulating body of polyamide 66, halogen-free, grey
- clamping units and screws of nickelplated brass
- finger-safe connections
- 12-part, can be cut with a knife
- For use in lighting fittings, appliances and junction boxes. For mobile and fixed installations





No

Article numbers

Ratings 1.5 mm² 500V/17.5A 5621



Connecting capacity	mm	4 x 4.5
Clamping screws		M4
Strip insulation	mm	18
Fixing holes	\varnothing mm	3
Distance between holes Ld	mm	10.5
Clamping couple for electric		
screw-driver		0.8
Packing unit	pcs.	25

Terminals with blind hole







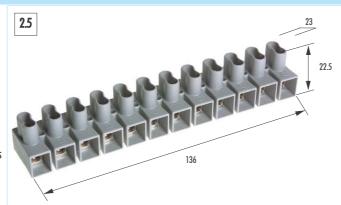








- insulating body of polyamide 66, halogen-free, grey
- two clamping screws per pole
- clamping units and screws of nickelplated brass
- finger-safe connections
- 12-part, can be cut with a knife
- For use in lighting fittings, appliances and junction boxes. For mobile and fixed installations





2.5 mm²

No

Article numbers

Ratings 2.5 mm² 500V/24A 5622

XUn Technical data

Connecting capacity	mm	5 x 6
Clamping screws		M5
Strip insulation	mm	20
Fixing holes	\varnothing mm	3
Distance between holes Ld	mm	11.5
Clamping couple for electric		
screw-driver	Nm	1.3
Packing unit	pcs.	25

Screwless terminals for rapid connection

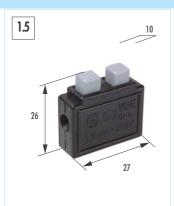
1.5 mm²

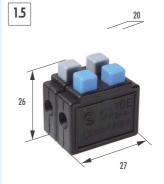






- insulating body of noryl, black
- clamping units and pressure studs of nickel-plated brass
- springs of stainless steel
- for laboratories and test setups





Article numbers

Ratings	1.5 250V 1- _F	1.5 mm² 250V/10A 2-pole		
manual operation on both sides	5331		5332	

Technical data

Connecting capacity	\varnothing mm	2.8	2.8
Strip insulation	mm	10	10
Pressure of spring	kg	3.4	3.4
Packing unit	pcs.	100	50

Screwless terminals for rapid connection

1.5 mm²

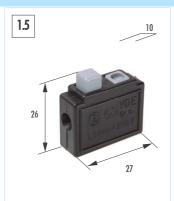




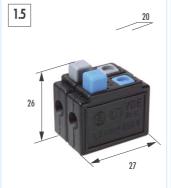




- insulating body of noryl, black
- clamping units and pressure studs of nickel-plated brass
- springs of stainless steel
- for laboratories and test setups



1.5 mm²



1.5 mm²

No Article numbers

	250V/10A 1-pole		250V/10A 2-pole		
manual operation on one side, tool needed on the other side	5333		5334		
Technical data					
Connecting capacity \varnothing mm		.8		2.8	
Strip insulation mm	1	0		10	
Pressure of spring kg	3	.4		3.4	
Packing unit pcs.	10	00		50	

Bare earthing terminals for screw mounting



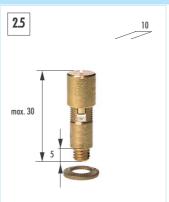


2.5-6 mm², low cost version

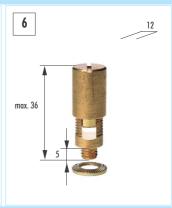




- of brass - for through conductors
- jacket with sprung pressure bolt, protected against working loose
- threaded bolt with washer for screwing into housing
- also approved for Ex







Article numbers

ATTICLE II O III D O	1.5			
Ratings	0-2.5 mm ² 500V	0-2.5 mm ² 500V	0-6 mm ² 500V	
	2849/5	2849/7	2850	

Technical data

		u .		
Threaded bolt		M6	M6	M6
Length of threaded bolt	mm	5	7	5
Connecting capacity	mm^2	2 x 2.5	2 x 2.5	2 x 6
Thread of jacket		M8 x 0.75	M8 x 0.75	M10 x 1
Clamping couple for electric				
screw-driver	Nm	2.0	2.0	3.5
Packing unit	pcs.	100	100	100

Bare earthing terminals for screw mounting









- of brass
- for through conductors
- jacket with sprung pressure bolt, protected against working loose
- threaded bolt with washer for screwing into housing
- also approved for Ex









Article numbers

Ratings	0-4 mm² 500V	0.5-6 mm² 500V	2.5-16 mm ² 500V	6-35 mm² 500V
	2860	2861	2863	2864

Technical data

		-			
Threaded bolt		M6	M6	M8	M8
Length of threaded bolt	mm	7	7	8	8
Connecting capacity	mm^2	2 x 4	2 x 6	2 x 16	2 x 35
Thread of jacket		M8 x 0.75	M9 x 0.75	M12 x 1	M16 x 1
Clamping couple for electric					
screw-driver	Nm	2.5	3.5	4.5	6
Packing unit	pcs.	100	50	50	50