

1 CAGE CLAMP® S Rail-Mounted Terminal Blocks 2000 to 2016 Series

50

Simply push-in



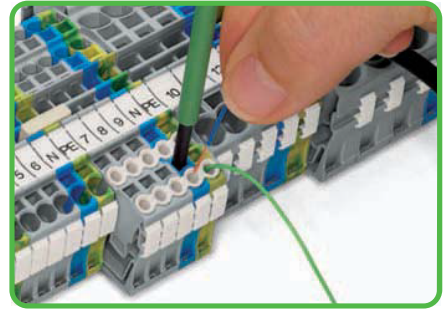
Directly insert solid and ferruled conductors.

Conductor termination



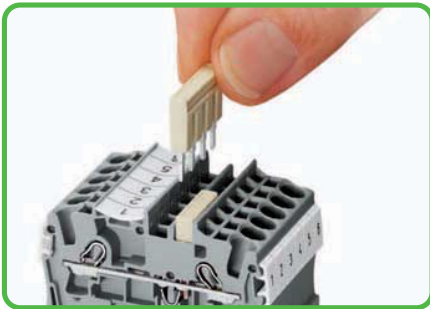
Terminating fine-stranded conductors using an operating tool.

Insulation stop



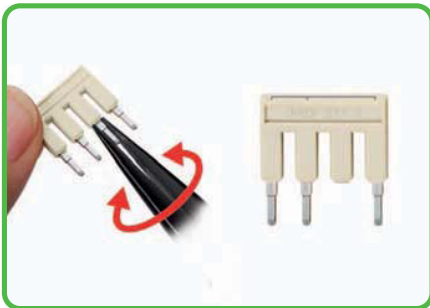
Conductor termination - Insulation stop.

Simply jumpered



Insert push-in type jumper bar and push down firmly until it hits the backstop.

Customizable push-in type jumper bars



Breaking off jumper contacts (up to 4 mm²/AWG 12)

Customizable push-in type jumper bars

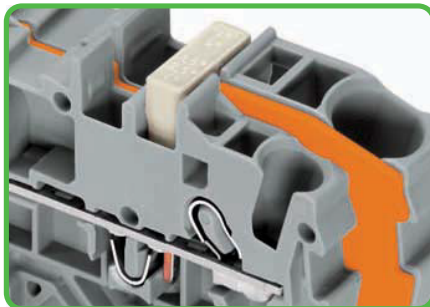


Marking with a felt-tip pen.

CAGE CLAMP®S for all conductor types

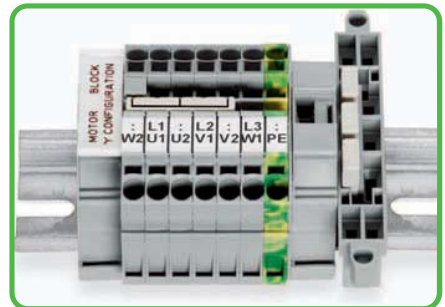


Commoning with step-down jumpers



Commoning with step-down jumpers.

Star point jumpers

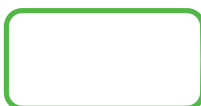


Star point jumpers designed for 'Y' configuration

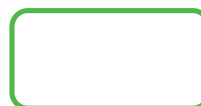


CAGE CLAMP®S clamps the following copper conductors:*

solid



stranded



fine-stranded, also with tinned single strands

* For aluminum conductors, see notes in Section 14.

- Description and Handling -

Simply smaller



Up to 30% more compact. Advantage: More wiring space or smaller switch cabinets/junction boxes.

TOPJOB®S connectors

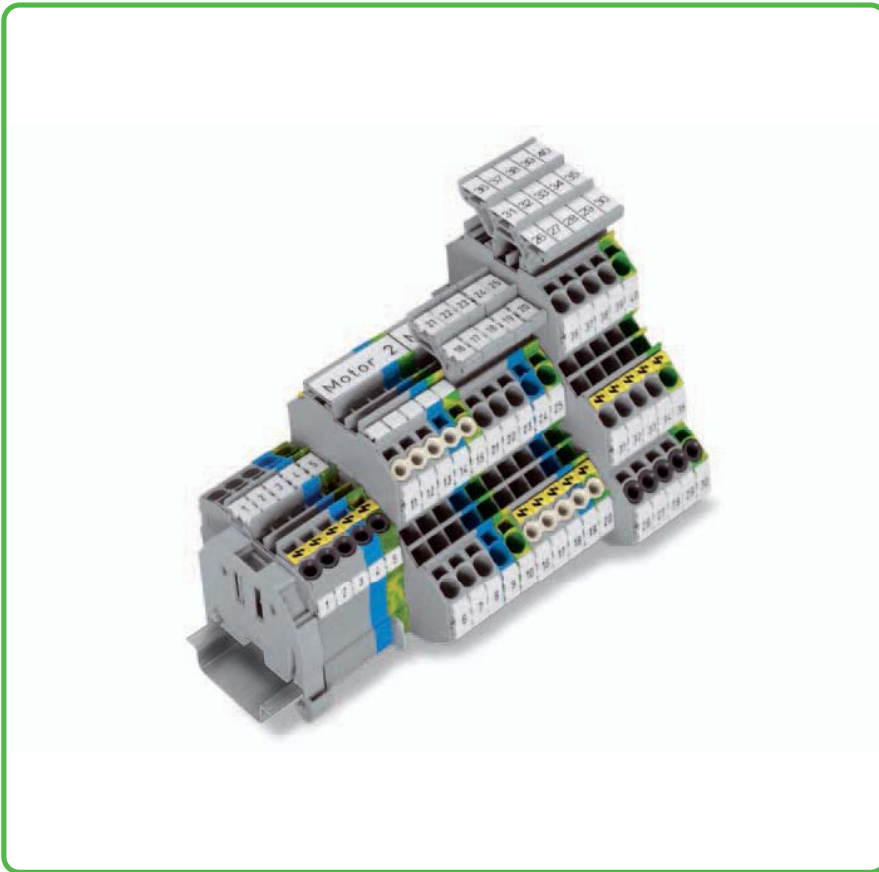


The 2001, 2002 and 2004 Series terminal blocks are equipped with a test socket for 2 mm Ø or 2.3 mm Ø test plugs.

Testing tap



Testing tap suited for 2001 to 2016 Series terminal blocks. Tool-free connections for individual test wires up to 2.5 mm²/AWG 12.



Test plug adapter



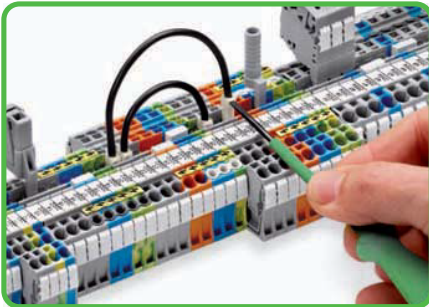
The test plug adapter for 4 mm Ø plugs is suited for 2001 to 2016 Series terminal blocks.

Simply marked



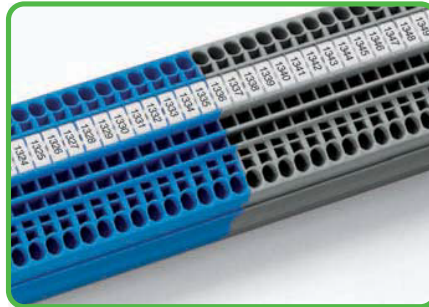
Marker strips for center marking

Wire jumpers



Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

Marking



WMB InLine
WMB markers on roll

Marking



TOPJOB®S group marker carrier, snap-on type for jumper slot



fine-stranded,
tip-bonded



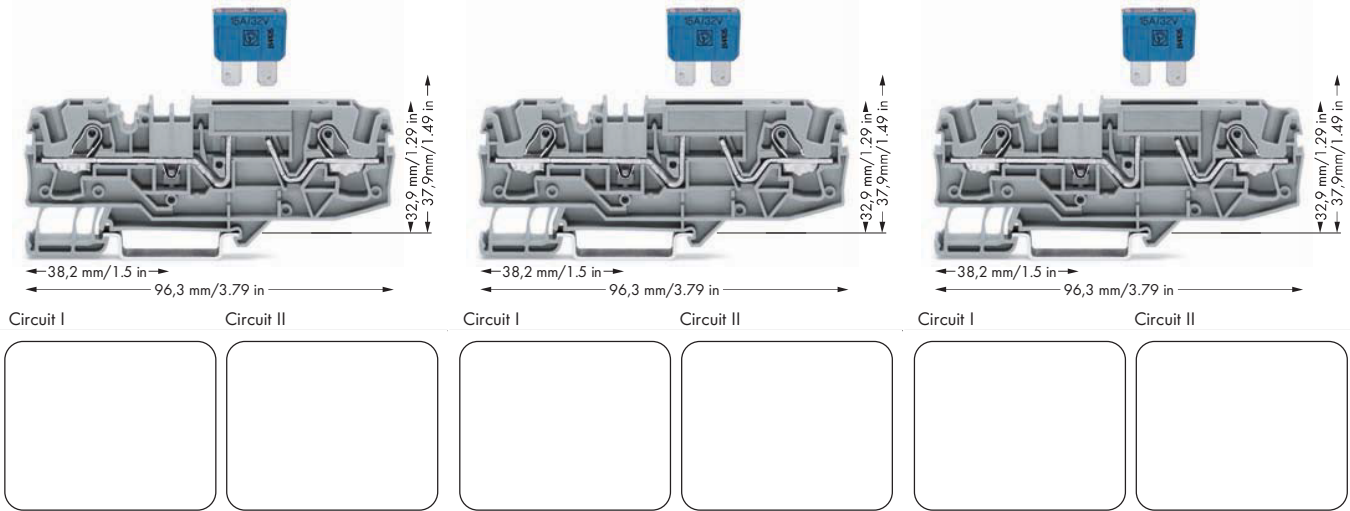
fine-stranded,
with ferrule,
(gastight crimped)



fine-stranded,
with pin terminal
(gastight crimped)

**Fuse Terminal Blocks for Mini-Automotive Blade-Style Fuses 6 (10) mm²
2006 Series**

<p>0.5 - 6 (10) mm² ① AWG 20 - 8 500 V/8 kV/3 ② I_N 25 A (30 A) ③</p> <p>Terminal block width 7.5 mm / 0.295 in 13 - 15 mm / 0.55 in ④</p>	<p>0.5 - 6 (10) mm² ① AWG 20 - 8 500 V/8 kV/3 ② I_N 25 A (30 A) ③</p> <p>Terminal block width 7.5 mm / 0.295 in 13 - 15 mm / 0.55 in ④</p>	<p>0.5 - 6 (10) mm² ① AWG 20 - 8 500 V/8 kV/3 ② I_N 25 A (30 A) ③</p> <p>Terminal block width 7.5 mm / 0.295 in 13 - 15 mm / 0.55 in ④</p>
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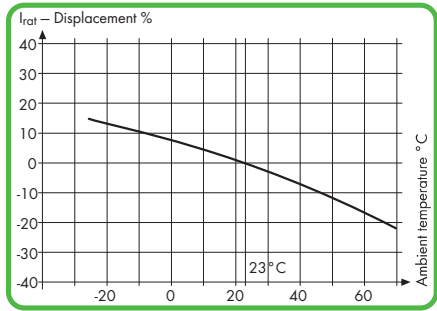
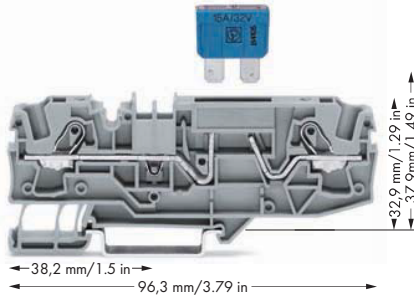
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses, 12V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		2-conductor fuse terminal block for mini-automotive blade-style fuses, 24V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		2-conductor fuse terminal block for mini-automotive blade-style fuses, 48V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.	
<input type="radio"/> Circuit I 2006-1681/1000-429 25 <input type="radio"/> Circuit II 2006-1681/1000-449 25		<input type="radio"/> Circuit I 2006-1681/1000-413 25 <input type="radio"/> Circuit II 2006-1681/1000-434 25		<input type="radio"/> Circuit I 2006-1681/1000-414 25 <input type="radio"/> Circuit II 2006-1681/1000-435 25	
Other terminal blocks with the same profile:					
Through	2006-1601				Page 108

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips
(see Section 13)

<p>End and intermediate plate, 1 mm thick</p> <p>orange 2006-1692 100 (4x25) gray 2006-1691 100 (4x25)</p>	<p>Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks yellow 2006-115 100 (4x25)</p>
<p>Push-in type jumper bar, insulated, I_N 41 A, light gray</p> <p>2-way 2006-402 50 (2x25) 3-way 2006-403 50 (2x25) 4-way 2006-404 50 (2x25) 5-way 2006-405 50 (2x25)</p>	<p>WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain 793-5501 5</p>
<p>Push-in type jumper bar, insulated, I_N 41 A, light gray</p> <p>from 1 to 3 2006-433 50 (2x25) from 1 to 4 2006-434 50 (2x25) from 1 to 5 2006-435 50 (2x25)</p>	<p>Marking strip, plain, 11 mm wide, 50 m roll white 2009-110 1</p>
	<p>Double-deck marker carrier, pivoting gray 2002-121 50 (2x25)</p>

0.5 - 6 (10) mm² ① AWG 20 - 8
 500 V/8 kV/3 ②
 I_N 25 A (30 A) ③
 Terminal block width 7.5 mm / 0.295 in
 13 - 15 mm / 0.55 in ④



- ① Conductor sizes: 0.5 mm² - 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² - 10 mm² "s" and 1.5 mm² - 6 mm² "insulated ferrule, 12 mm"
- ② 500 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ③ LED power consumption: 4.8 mA
- ④ Strip length, see packaging or instructions.

Item No.	Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses, with test point, without blown fuse indication	
Nominal voltage and current are given by the fuse. Blade-style fuses, please note touchproof protection for 42V and higher.	
gray	2006-1681 25

Blade-style fuses (not offered by WAGO)

Excess-current circuit-breaker, thermal (not offered by WAGO)

Recommended excess-current circuit-breakers from ETA

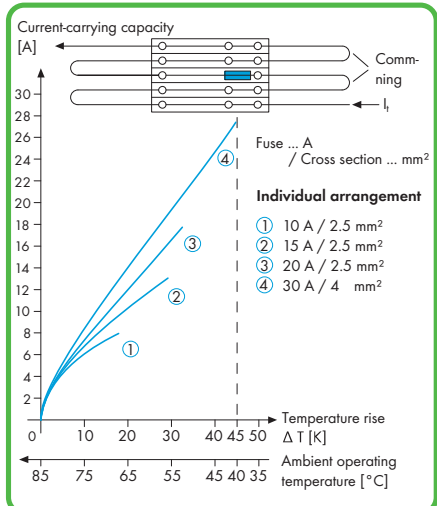


Diagram: Individual arrangement
 The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23°C).
 Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges may be used as protection (break-off point) if they are properly selected and used according to manufacturer specifications.

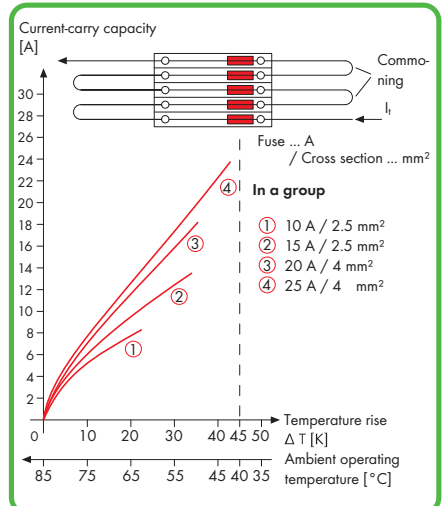


Diagram: Block arrangement
Information from the mini-automotive blade-type fuse manufacturers

Derating T _{amb} / °C	%	F _T
- 25	14	0.877
- 20	13	0.885
- 15	12	0.893
- 10	11	0.901
- 5	10	0.909
0	9	0.917
5	8	0.926
10	6	0.943
15	4	0.962
20	2	0.980
23	0	1.000
30	- 2	1.020
35	- 4	1.042
40	- 6	1.064
45	- 8	1.087
50	- 10	1.111
55	- 13	1.149
60	- 16	1.190
65	- 19	1.235
70	- 22	1.282

Regarding product safety, it is in generally necessary to test fuse cartridges under normal conditions and operational failures within your application.