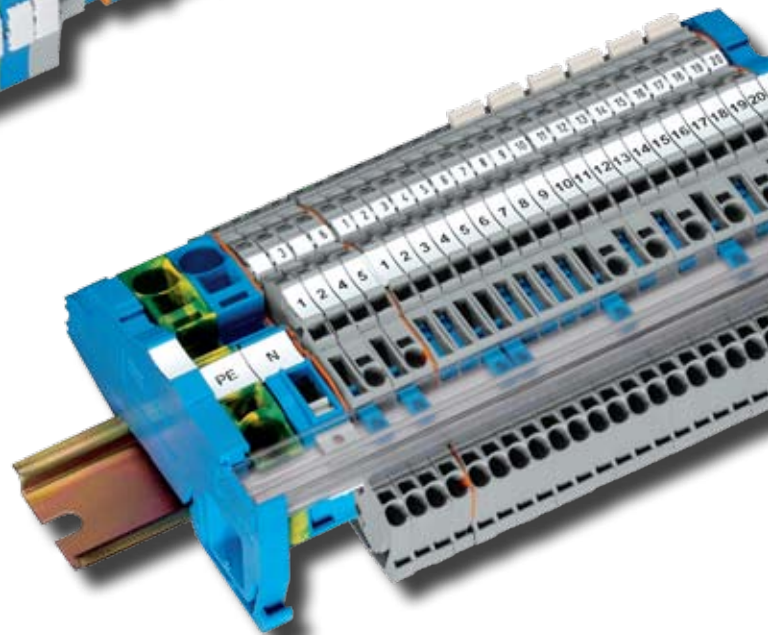
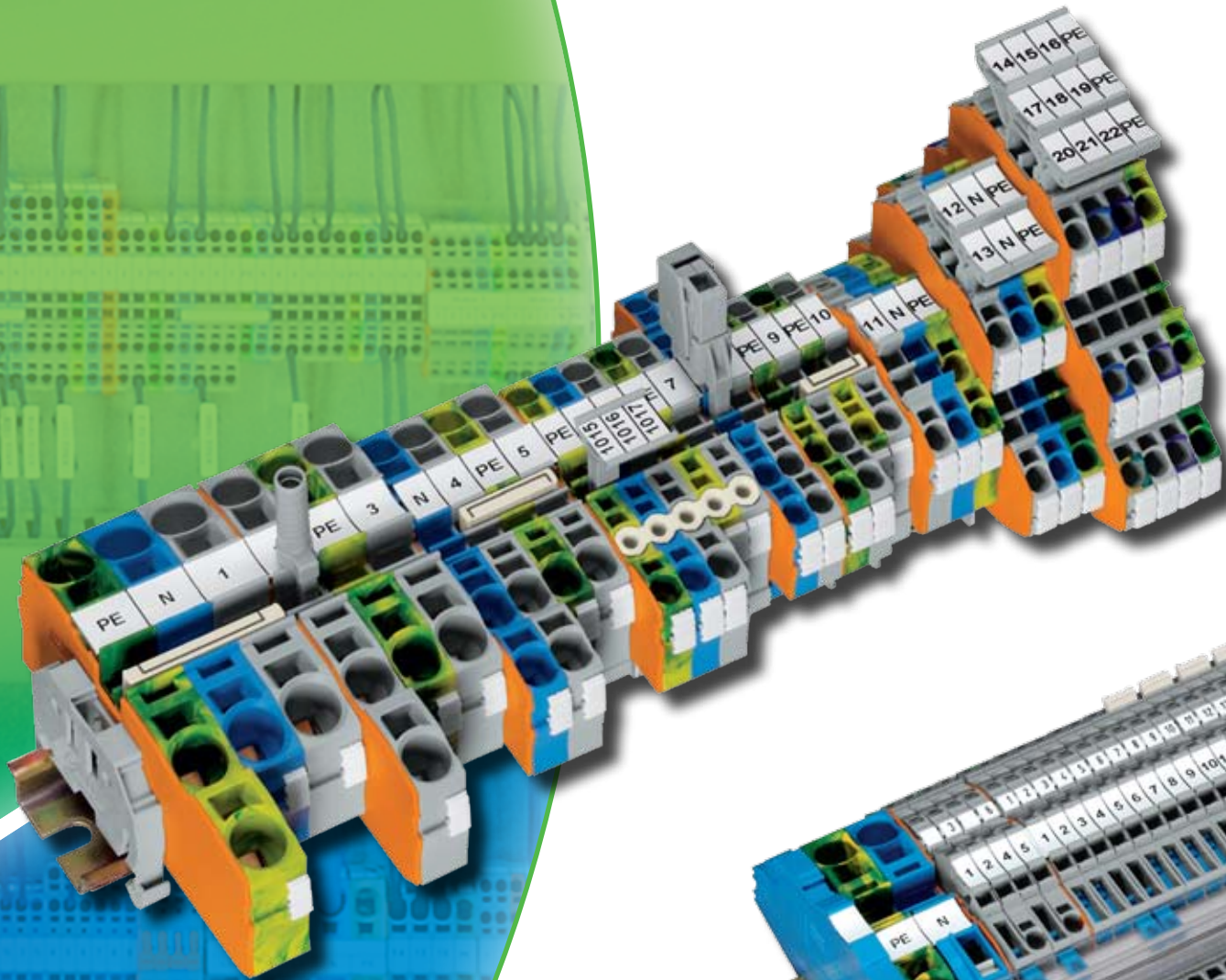


# TOPJOB®S

The new standard for rail-mounted terminal blocks



**WAGO**®  
INNOVATIVE CONNECTIONS



● **The** range of rail-mounted terminal blocks for a perfect electrical installation.

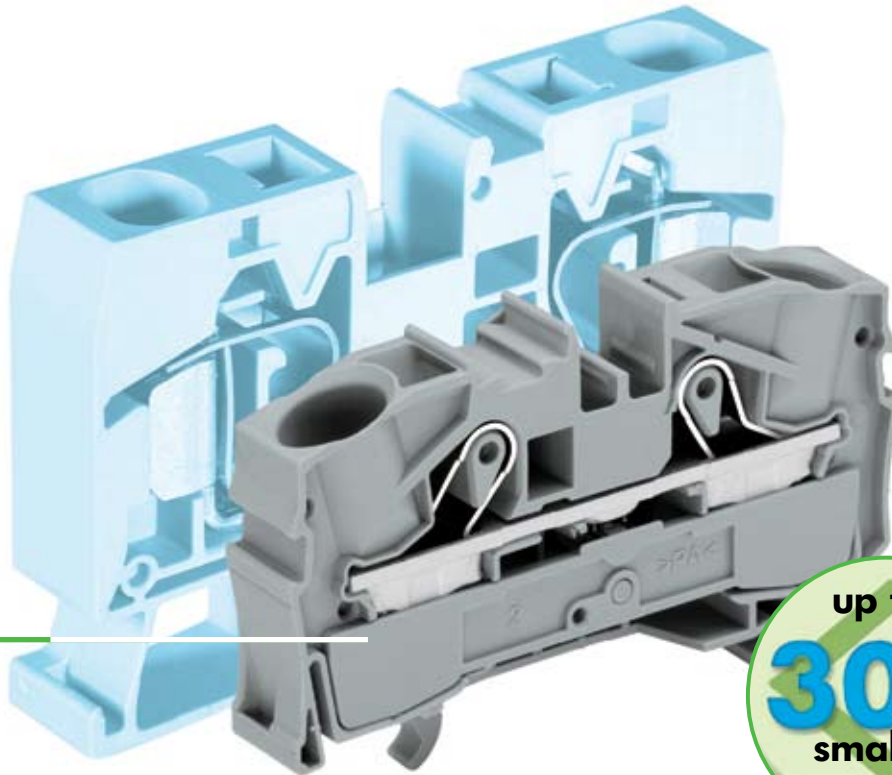
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# [Simply smaller]

- The new standard for rail-mounted terminal blocks



- TOPJOB® S DIN 35 rail-mounted terminal blocks with CAGE CLAMP® S technology are the smallest on the market resulting in a space saving of up to 30%.

The reduction of panel space, smaller enclosures and junction boxes are just some of the cost savings that can be realized.



# Simply push-in

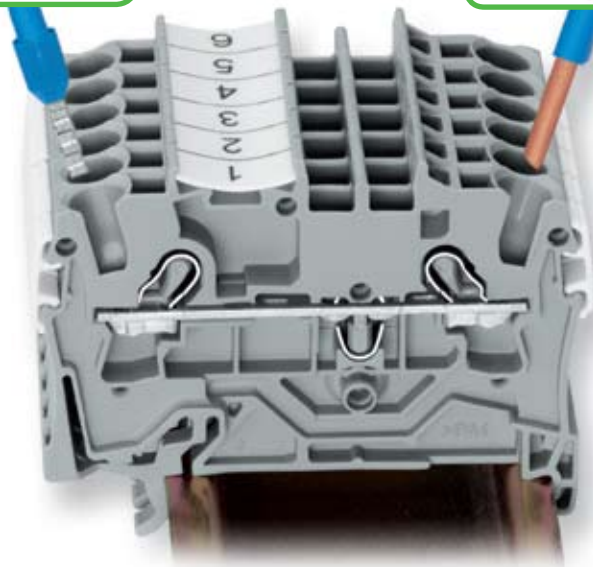
For solid conductors or fine-stranded conductors with ferrules



ferruled wires



solid wires



Stripped solid conductors, stranded conductors with ferrules, or ultrasonically “bonded” conductors are easily connected by simply pushing the wire into the wire entry – no tools.

For conductors rated 0.5 mm<sup>2</sup> (AWG 20) to 16 mm<sup>2</sup> (AWG 6) – **this is a significant time and cost saving!**

### Wire connection – Push-in connection

**Solid wires** ranging from at least two sizes below to one size above the rated cross section can be pushed in directly without tools.

**Stranded conductors with ferrules** ranging from at least two sizes below the rated cross section up to the rated cross section can also be easily inserted without using any tools.

### Wire connection using a screwdriver

Connecting stranded conductors without ferrules or small cross-sectional conductors that cannot be pushed in, is done similar to the original CAGE CLAMP®, using a screwdriver.

### The smart feature

To open the clamp, the screwdriver is inserted from the vertical and the conductor entry is less than 15 degrees resulting in easier wiring.

stranded wires



15°



### Wire removal

In all cases, the conductor is removed using a screw-driver, like the original CAGE CLAMP®.

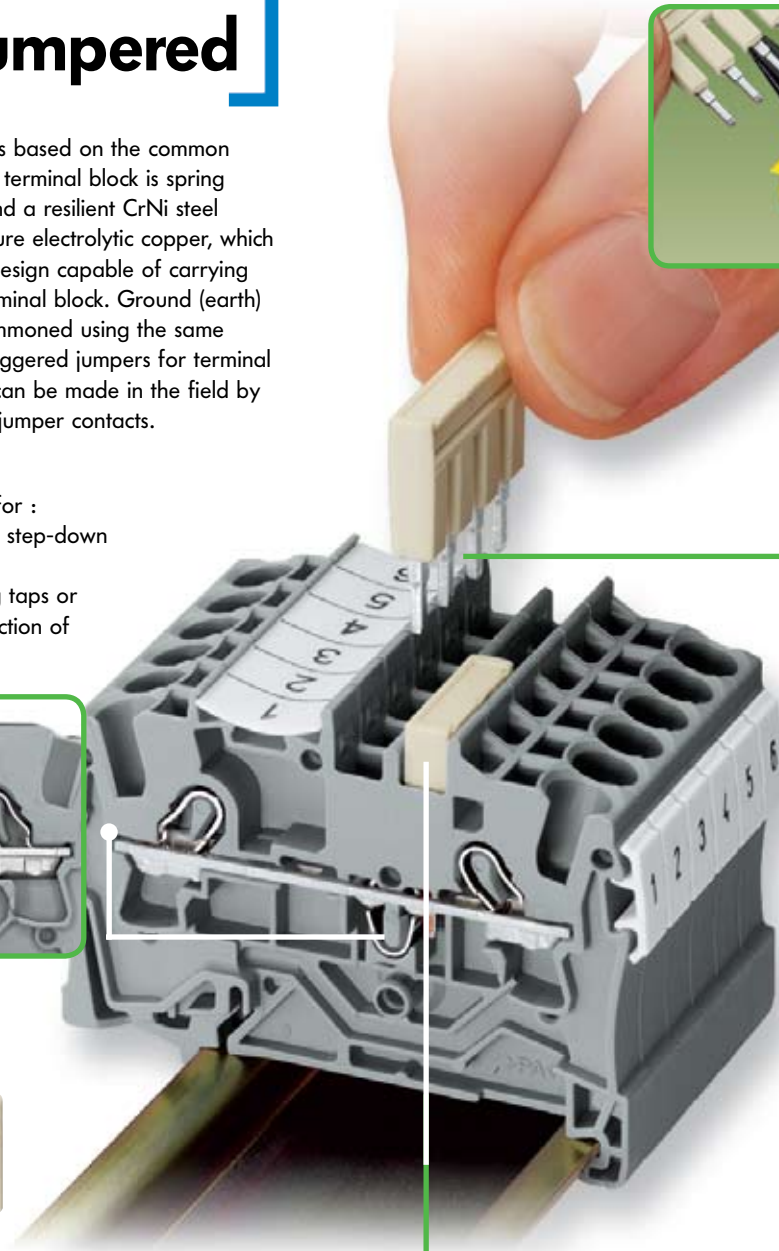
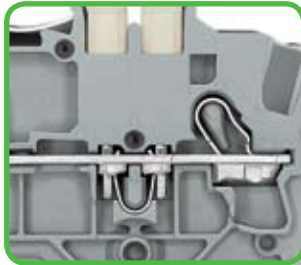
# Simply jumpered

The comb-style jumper system is based on the common plug and socket principle. Each terminal block is spring loaded with a double socket and a resilient CrNi steel spring. The jumper contact is pure electrolytic copper, which allows for an extremely small design capable of carrying the full-rated current of the terminal block. Ground (earth) terminal blocks can also be commoned using the same jumper system. Alternate or staggered jumpers for terminal blocks up to 4 mm<sup>2</sup> (AWG 12) can be made in the field by simply breaking and removing jumper contacts.

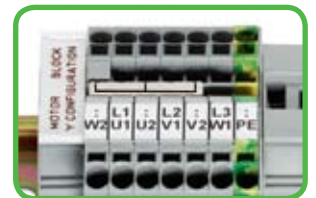
## The smart feature

Jumper slots can also be used for :

- push-in type jumper bars and step-down jumpers
- test plug adapters and testing taps or
- preharnessed plugs for connection of subassemblies



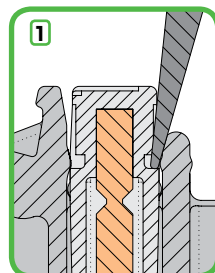
## Motor Wiring



## Removal of jumper

Insert the screwdriver blade between the jumper and the partition wall of the dual jumper slots and lift up the jumper.

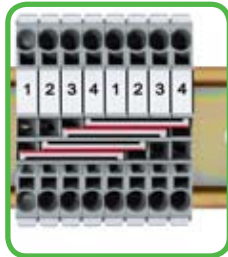
Using jumpers with maximum 5 contacts, place the screwdriver in the center of the jumper (see ill. 3). For more than 5-way jumpers, place the screwdriver alternating at both ends of the jumper.



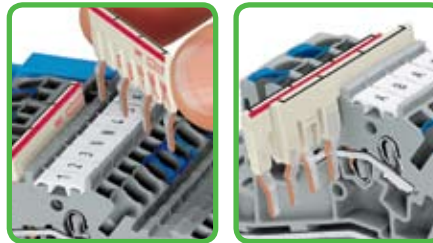
Combining the flexibility of the jumper system with a DIN rail mount holder for jumpers allows a single row of terminal blocks to be configured for "wye" or "delta" wiring of three phase motors.

# Simply commoned with staggered jumpers

Unique to WAGO, the TOPJOB®S staggered jumpers allows two jumpers to be used in each jumper slot of the 2002 Series TOPJOB®S rail-mounted terminal blocks and 2003 Series multilevel installation terminal blocks. This means that four different potentials can be commoned simultaneously using rail-mounted terminal blocks with dual jumper slots (Ex: L1, L2, L3, GND or s, +, -, shield).



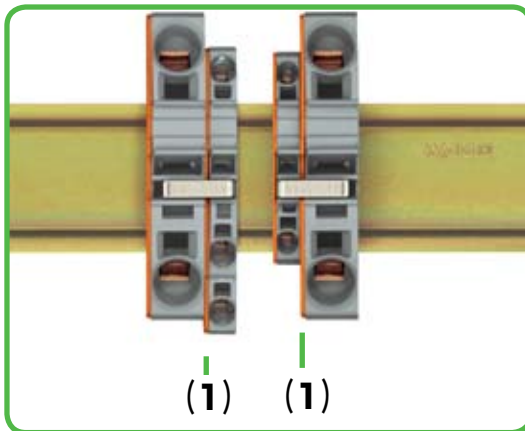
Insert the staggered jumpers so that the red lines of both jumpers are facing each other.



Custom staggered jumpers are created by breaking off individual jumper contacts. Make sure that only one contact lug is in contact with the terminal block.

# Simply jumpered

## with step-down jumpers



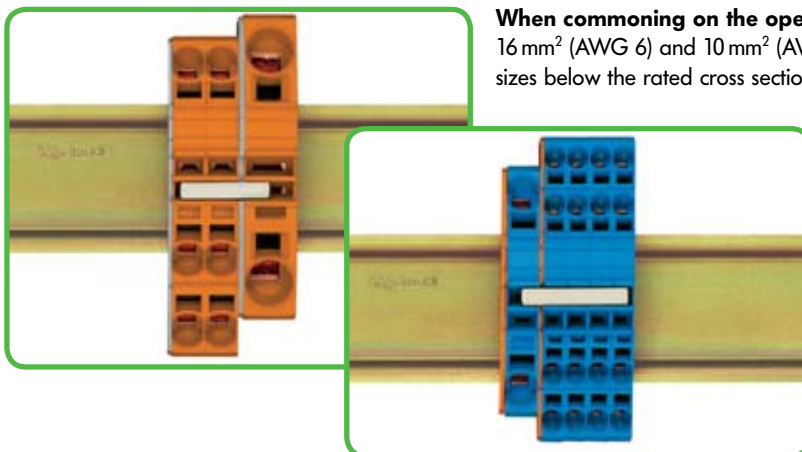
An end plate (1) must always be applied between the terminal blocks to be **commoned with step-down jumpers**.

### Note

The total current across all jumpered terminals cannot exceed the rating of the step-down jumper or push-in type jumper bar.

The step-down jumper 2016-499 is suitable for commoning 16 / 10 mm<sup>2</sup> (AWG 6 / 8) terminal blocks with 10 / 6 / 4 / 2.5 mm<sup>2</sup> (AWG 8 / 10 / 12 / 14) terminal blocks. The step-down jumper 2006-499 is suitable for commoning 6 / 4 mm<sup>2</sup> (AWG 10 / 12) terminal blocks with 4 / 2.5 / 1.5 mm<sup>2</sup> (AWG 12 / 14 / 16) terminal blocks.

## with push-in type jumperbars



**When commoning on the open side of the block using an end plate,** terminal blocks 16 mm<sup>2</sup> (AWG 6) and 10 mm<sup>2</sup> (AWG 8) can be commoned with terminal blocks rated two sizes below the rated cross section and terminal blocks 6 (AWG 10) / 4 (AWG 12) and 2.5 mm<sup>2</sup> (AWG 14) can be commoned with terminal blocks rated one size below the rated cross section. For example, terminal blocks 16 mm<sup>2</sup> (AWG 6) can be commoned with terminal blocks 6 mm<sup>2</sup> (AWG 10) (see ill.) or terminal blocks 10 mm<sup>2</sup> (AWG 8) with terminal blocks 4 mm<sup>2</sup> (AWG 12).

**When commoning on the back side of the block using an end plate,** terminal blocks can be commoned with terminal blocks rated two sizes below the rated cross section. For example, 16 mm<sup>2</sup> (AWG 6) terminal blocks can be commoned with terminal blocks 6 mm<sup>2</sup> (AWG 10) or terminal blocks 6 mm<sup>2</sup> (AWG 10) with terminal blocks 2.5 mm<sup>2</sup> (AWG 14) (see ill.).



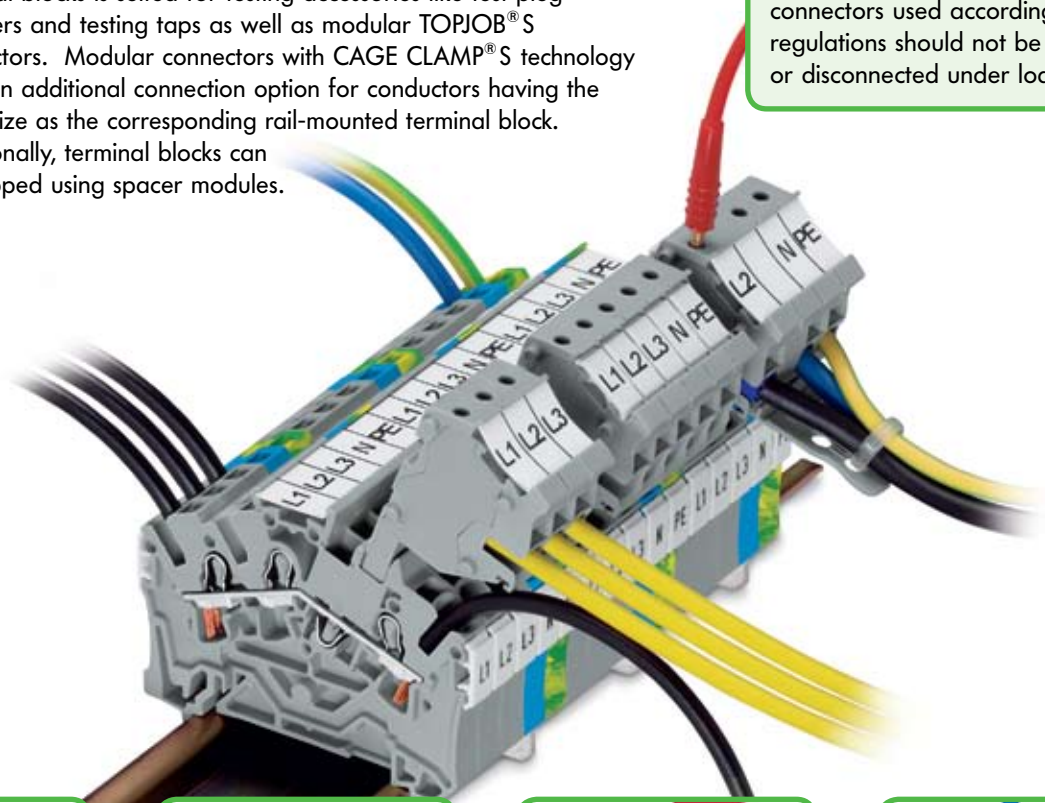
# Simply tested

## with jumper slot for connectors

### Modular TOPJOB® S connectors

The spring-loaded jumper system of the TOPJOB® S rail-mounted terminal blocks is suited for testing accessories like test plug adapters and testing taps as well as modular TOPJOB® S connectors. Modular connectors with CAGE CLAMP® S technology offer an additional connection option for conductors having the same size as the corresponding rail-mounted terminal block. Additionally, terminal blocks can be skipped using spacer modules.

**Note:** Disconnected connectors should not be live. Furthermore, connectors used according to the regulations should not be connected or disconnected under load.



### Modular connectors and connector strips

The modular connectors for the Series 2001, 2002 and 2004 are equipped with a  $\varnothing 2 \text{ mm}/0.079 \text{ in}$  or  $\varnothing 2.3 \text{ mm}/0.091 \text{ in}$  test socket. Additionally, 2 to 10-pole connector strips for the Series 2001 and 2002 as well as 2 to 5-pole connector strips for the Series 2004 are available.

### Testing tap

Testing tap suited for Series 2001 to 2016. Individual test wires up to  $2.5 \text{ mm}^2$  (AWG 14) can be connected without using any tools.

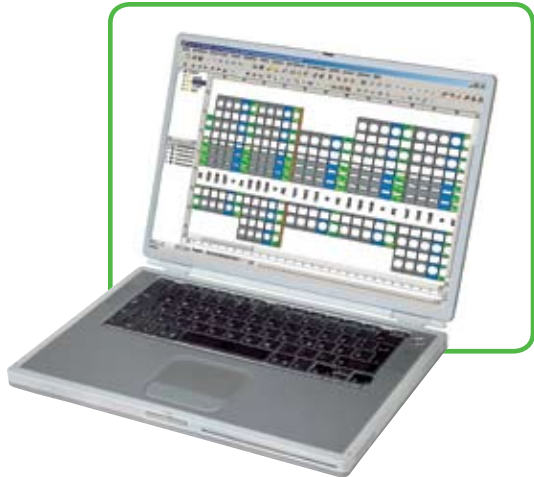
### Connectors

Connectors for Series 2001, 2002 and 2004 are equipped with a  $\varnothing 2 \text{ mm}/0.079 \text{ in}$  or  $\varnothing 2.3 \text{ mm}/0.091 \text{ in}$  test socket.



# Simply marked

- Finding the appropriate marking easily and quickly using WMB markers or continuous marker strips



## Designing ...

Custom rail assemblies and markings can be designed easily using the WAGO ProServe 5.1 software.

## Printing ...

A thermal transfer printer is used to print marker strips (Series 2009) or WMB markers on a continuous reel.



## Snapping ...

The marker strip is snapped into the center marker receptacle profile.



Combining marker strips and individual WMB markers.



Alternatively, miniature WSB markers can be printed using a plotter.



Three receptacles are available for WMB markers on continuous reel.

# TOPJOB<sup>®</sup>S



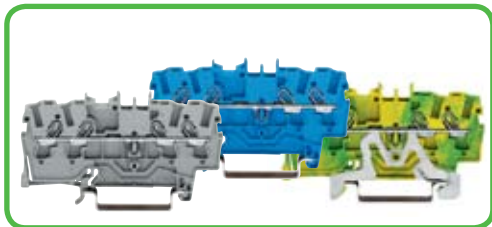
**3- and 4-conductor terminal blocks**  
AWG 12 / 4mm<sup>2</sup>



**2-conductor terminal blocks\***  
AWG 16 / 1.5mm<sup>2</sup>; AWG 14 / 2.5mm<sup>2</sup>;  
AWG 12 / 4mm<sup>2</sup>; AWG 10 / 6mm<sup>2</sup>;  
AWG 8 / 10mm<sup>2</sup>; AWG 6 / 16mm<sup>2</sup>; AWG 4 / 25mm<sup>2</sup>

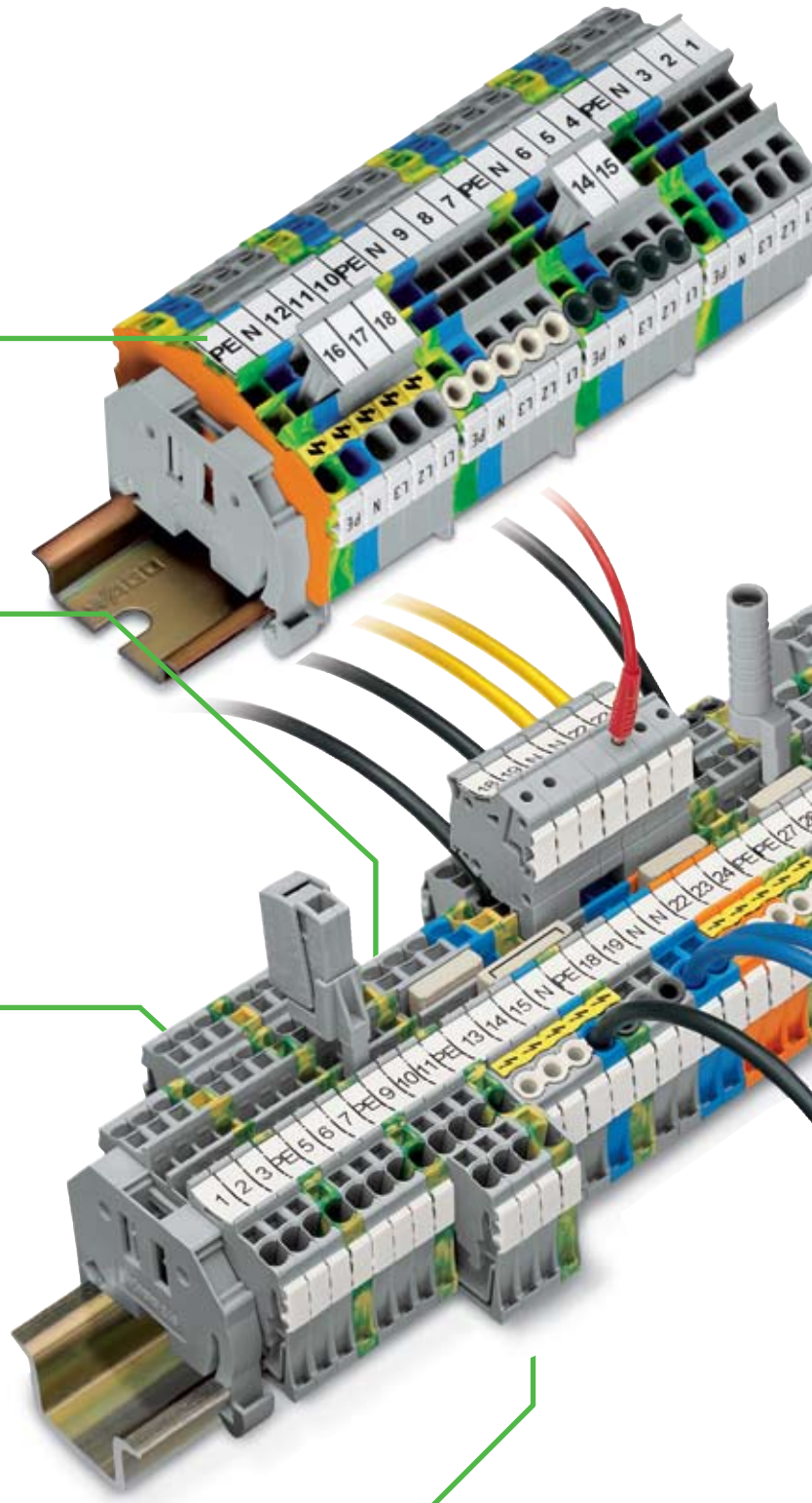


**3-conductor terminal blocks\***  
AWG 16 / 1.5mm<sup>2</sup>; AWG 14 / 2.5mm<sup>2</sup>;  
AWG 12 / 4mm<sup>2</sup>; AWG 10 / 6mm<sup>2</sup>;  
AWG 8 / 10mm<sup>2</sup>; AWG 6 / 16mm<sup>2</sup>; AWG 4 / 25mm<sup>2</sup>



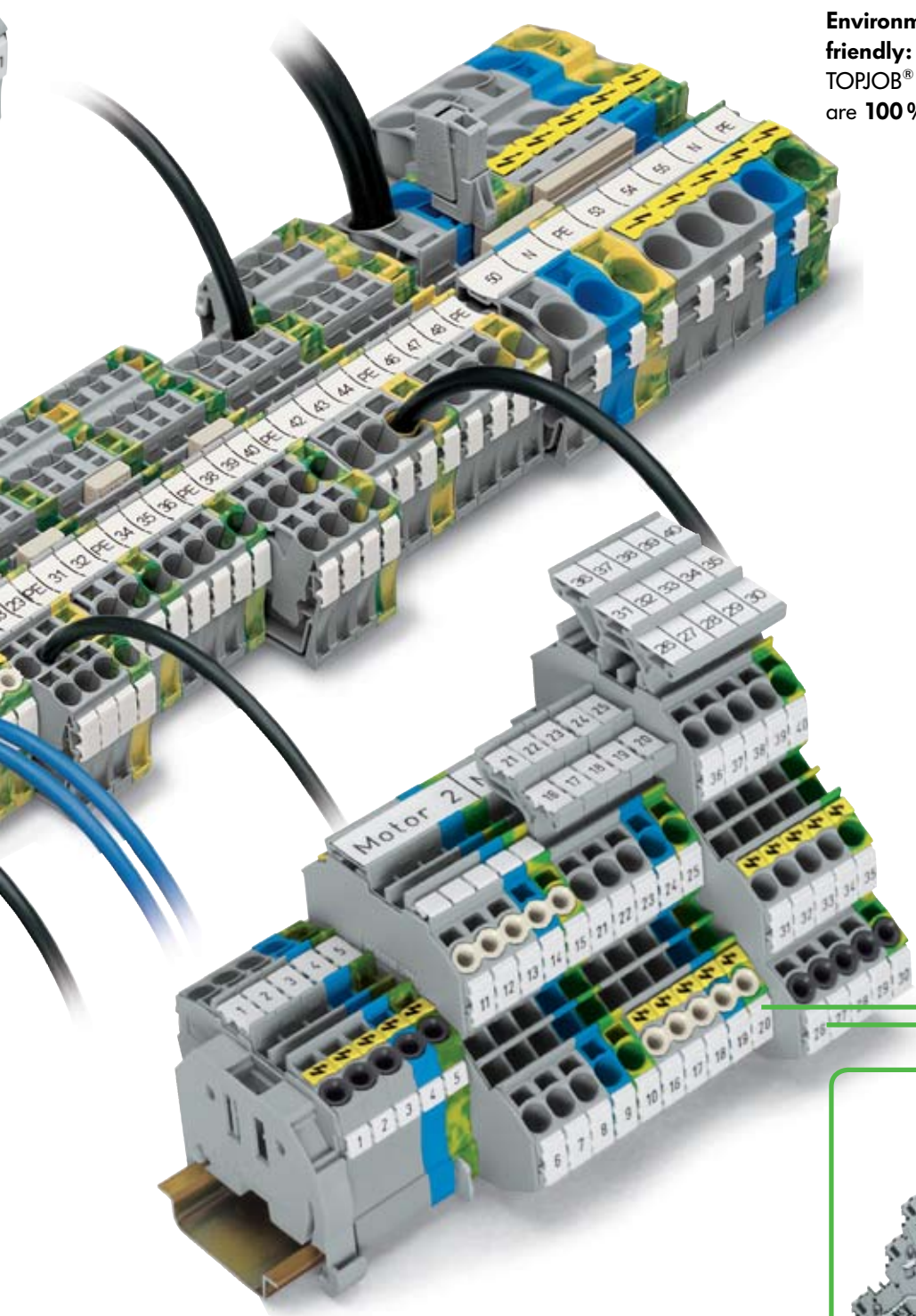
**4-conductor terminal blocks\***  
AWG 16 / 1.5mm<sup>2</sup>;  
AWG 14 / 2.5mm<sup>2</sup>;  
AWG 12 / 4mm<sup>2</sup>; AWG 10 / 6mm<sup>2</sup>

\*Additional colors available – contact factory



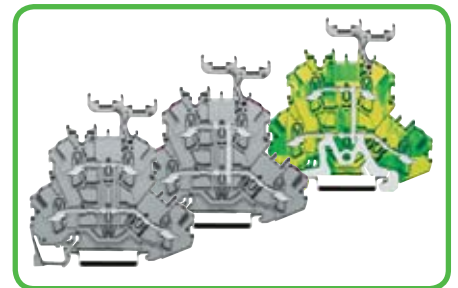
Series	2000	2001	2002	2004	2006	2010	2016
Rated cross section	16 AWG	14 AWG	12 AWG	10 AWG	8 AWG	6 AWG	4 AWG



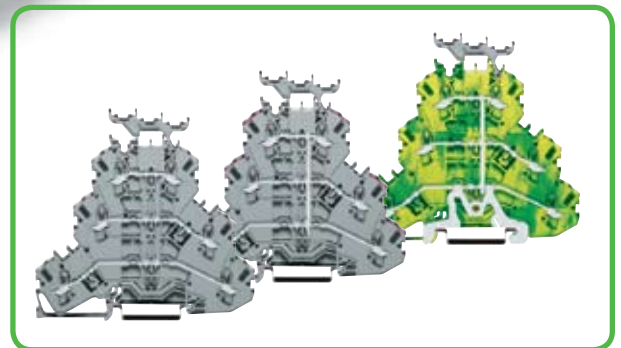


**Environmentally friendly:**  
 TOPJOB® S terminal blocks  
 are **100% lead-free!**

**SCCR**  
**100 kA**









**Double deck terminal blocks**




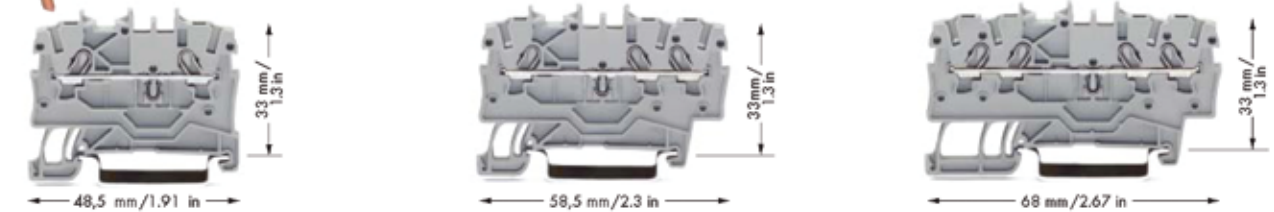
**Triple deck terminal blocks**













Series	2002
Rated cross section	12 AWG

# TOPJOB® Rail-Mounted Terminal Blocks 1.0 (1.5) mm<sup>2</sup>/AWG 16 Series 2000










<b>0.14–1.0(1.5) mm<sup>2</sup> ①</b>   AWG 24 – 16 800 V/6 kV/3   600 V, 10 A  I <sub>N</sub> 13.5 A (18 A)   600 V, 10 A @ Terminal block width 3.5 mm / 0.137 in  9 – 11 mm / 0.39 in	<b>0.14 – 1.0( 1.5) mm<sup>2</sup> ①</b>   AWG 24 – 16 800 V/6 kV/3   600 V, 10 A  I <sub>N</sub> 13.5 A (18 A)   600 V, 10 A @ Terminal block width 3.5 mm / 0.137 in  9 – 11 mm / 0.39 in	<b>0.14 – 1.0( 1.5) mm<sup>2</sup> ①</b>   AWG 24 – 16 800 V/6 kV/3   600 V, 10 A  I <sub>N</sub> 13.5 A (18 A)   600 V, 10 A @ Terminal block width 3.5 mm / 0.137 in  9 – 11 mm / 0.39 in
--	---	---

① can be connected: 0.14 mm<sup>2</sup> – 1.5 mm<sup>2</sup> "s+f-st"; can be pushed in directly: 0.5 mm<sup>2</sup> – 1.5 mm<sup>2</sup> "s" and 0.5 mm<sup>2</sup> – 1 mm<sup>2</sup> "insulated ferrule, 10 mm/0.393 in" 



Item no.	Pack-unit pcs	Item no.	Pack-unit pcs	Item no.	Pack-unit pcs			
<b>2-conductor through terminal blocks</b>			<b>3-conductor through terminal blocks,</b>			<b>4-conductor through terminal blocks,</b>		
gray	<b>2000-1201</b> 	100	gray	<b>2000-1301</b> 	100	gray	<b>2000-1401</b> 	100
blue	<b>2000-1204</b> 	100	blue	<b>2000-1304</b> 	100	blue	<b>2000-1404</b> 	100
orange	<b>2000-1202</b> 	100	orange	<b>2000-1302</b> 	100	orange	<b>2000-1402</b> 	100
more colors are available			more colors are available			more colors are available		
<b>2-conductor ground (earth) terminal block,</b>			<b>3-conductor ground (earth) terminal block,</b>			<b>4-conductor ground (earth) terminal block,</b>		
green-yellow	<b>2000-1207</b> 	100	green-yellow	<b>2000-1307</b> 	100	green-yellow	<b>2000-1407</b> 	100
② Suitable for Ex i applications			② Suitable for Ex i applications			② Suitable for Ex i applications		

**Accessories** Appropriate marking systems: **WMB/Marker Strips** (see Full Line Catalog W4, Vol. 1, Sec. 14)

<b>End and intermediate plate, 0.7 mm /0.028 in thick</b>  orange <b>2000-1292</b> 100 (4 x 25) gray <b>2000-1291</b> 100 (4 x 25)	<b>End and intermediate plate, 0.7 mm /0.028 in thick</b>  orange <b>2000-1392</b> 100 (4 x 25) gray <b>2000-1391</b> 100 (4 x 25)	<b>End and intermediate plate, 0.7 mm /0.028 in thick</b>  orange <b>2000-1492</b> 100 (4 x 25) gray <b>2000-1491</b> 100 (4 x 25)
<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 14 A</b>  2-way <b>2000-402</b> 200 (8 x 25) 3-way <b>2000-403</b> 200 (8 x 25) 4-way <b>2000-404</b> 200 (8 x 25) 5-way <b>2000-405</b> 100 (4 x 25) : : 10-way <b>2000-410</b> 100 (4 x 25)	<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 14 A</b>  2-way <b>2000-402</b> 200 (8 x 25) 3-way <b>2000-403</b> 200 (8 x 25) 4-way <b>2000-404</b> 200 (8 x 25) 5-way <b>2000-405</b> 100 (4 x 25) : : 10-way <b>2000-410</b> 100 (4 x 25)	<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 14 A</b>  2-way <b>2000-402</b> 200 (8 x 25) 3-way <b>2000-403</b> 200 (8 x 25) 4-way <b>2000-404</b> 200 (8 x 25) 5-way <b>2000-405</b> 100 (4 x 25) : : 10-way <b>2000-410</b> 100 (4 x 25)
<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 14 A</b>  1 - 3 <b>2000-433</b> 200 (8 x 25) 1 - 4 <b>2000-434</b> 200 (8 x 25) 1 - 5 <b>2000-435</b> 100 (4 x 25) : : 1 - 10 <b>2000-440</b> 100 (4 x 25)	<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 14 A</b>  1 - 3 <b>2000-433</b> 200 (8 x 25) 1 - 4 <b>2000-434</b> 200 (8 x 25) 1 - 5 <b>2000-435</b> 100 (4 x 25) : : 1 - 10 <b>2000-440</b> 100 (4 x 25)	<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 14 A</b>  1 - 3 <b>2000-433</b> 200 (8 x 25) 1 - 4 <b>2000-434</b> 200 (8 x 25) 1 - 5 <b>2000-435</b> 100 (4 x 25) : : 1 - 10 <b>2000-440</b> 100 (4 x 25)
<b>Marker strips, white, plain, on roll</b> for center marking 11 mm/0.039 in wide 50 m <b>2009-110</b> 1 300 m <b>2009-130</b> 1	<b>Marker strips, white, plain, on roll</b> for center marking 11 mm/0.039 in wide 50 m <b>2009-110</b> 1 300 m <b>2009-130</b> 1	<b>Marker strips, white, plain, on roll</b> for center marking 11 mm/0.039 in wide 50 m <b>2009-110</b> 1 300 m <b>2009-130</b> 1



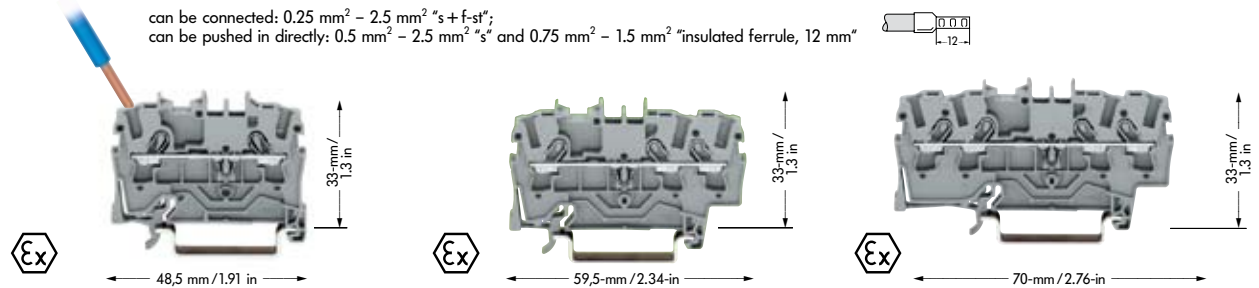


# TOPJOB®S

## Rail-Mounted Terminal Blocks 1.5 (2.5) mm<sup>2</sup>/AWG 14

### Series 2001

0.25 – 1.5 (2.5) mm <sup>2</sup> 800 V/8 kV/3 18 A	AWG 22 – 14 600 V, 15 A 600 V, 15 A	0.25 – 1.5 (2.5) mm <sup>2</sup> 800 V/8 kV/3 18 A	AWG 22 – 14 600 V, 15 A 600 V, 15 A	0.25 – 1.5 (2.5) mm <sup>2</sup> 800 V/8 kV/3 18 A	AWG 22 – 14 600 V, 15 A 600 V, 15 A
Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in		Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in		Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in	
*		*		*	



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>2-conductor through terminal blocks</b>					
grey	<b>2001-1201</b>	100			
blue	<b>2001-1204</b>	100			
orange	<b>2001-1202</b>	100			
more colors are available					
<b>2-conductor ground (earth) terminal block</b>					
green-yellow	<b>2001-1207</b>	100			
Suitable for Ex e II applications 550 V, 17 A					
Suitable for Ex i applications					
<b>3-conductor through terminal blocks</b>					
grey	<b>2001-1301</b>	100			
blue	<b>2001-1304</b>	100			
orange	<b>2001-1302</b>	100			
more colors are available					
<b>3-conductor ground (earth) terminal block</b>					
green-yellow	<b>2001-1307</b>	100			
Suitable for Ex e II applications 550 V, 17 A					
Suitable for Ex i applications					
<b>4-conductor through terminal blocks</b>					
grey	<b>2001-1401</b>	100			
blue	<b>2001-1404</b>	100			
orange	<b>2001-1402</b>	100			
more colors are available					
<b>4-conductor ground (earth) terminal block</b>					
green-yellow	<b>2001-1407</b>	100			
Suitable for Ex e II applications 550 V, 17 A					
Suitable for Ex i applications					
<b>Accessories</b> appropriate marker system <b>WMB/Marker strips</b> (see page 54-57)					
<b>End and intermediate plate</b> , 0.8 mm/0.031 in thick		<b>End and intermediate plate</b> , 0.8 mm/0.031 in thick		<b>End and intermediate plate</b> , 0.8 mm/0.031 in thick	
orange	<b>2002-1292</b> 100 (4 x 25)	orange	<b>2002-1392</b> 100 (4 x 25)	orange	<b>2002-1492</b> 100 (4 x 25)
grey	<b>2002-1291</b> 100 (4 x 25)	grey	<b>2002-1391</b> 100 (4 x 25)	grey	<b>2002-1491</b> 100 (4 x 25)
<b>Insulation stop</b> , 5 pcs/strip		<b>Insulation stop</b> , 5 pcs/strip		<b>Insulation stop</b> , 5 pcs/strip	
200 strips		200 strips		200 strips	
light grey <b>2001-171</b> 0.25-0.5 mm <sup>2</sup>		light grey <b>2001-171</b> 0.25-0.5 mm <sup>2</sup>		light grey <b>2001-171</b> 0.25-0.5 mm <sup>2</sup>	
<b>Push-in type jumper bars</b> , light grey, insulated,		<b>Push-in type jumper bars</b> , light grey, insulated,		<b>Push-in type jumper bars</b> , light grey, insulated,	
I <sub>N</sub> 18 A  16 A		I <sub>N</sub> 18 A  16 A		I <sub>N</sub> 18 A  16 A	
2-way <b>2001-402</b> 200 (8 x 25)		2-way <b>2001-402</b> 200 (8 x 25)		2-way <b>2001-402</b> 200 (8 x 25)	
3-way <b>2001-403</b> 200 (8 x 25)		3-way <b>2001-403</b> 200 (8 x 25)		3-way <b>2001-403</b> 200 (8 x 25)	
4-way <b>2001-404</b> 200 (8 x 25)		4-way <b>2001-404</b> 200 (8 x 25)		4-way <b>2001-404</b> 200 (8 x 25)	
5-way <b>2001-405</b> 100 (4 x 25)		5-way <b>2001-405</b> 100 (4 x 25)		5-way <b>2001-405</b> 100 (4 x 25)	
:		:		:	
10-way <b>2001-410</b> 100 (4 x 25)		10-way <b>2001-410</b> 100 (4 x 25)		10-way <b>2001-410</b> 100 (4 x 25)	
<b>Push-in type jumper bars</b> , light grey, insulated,		<b>Push-in type jumper bars</b> , light grey, insulated,		<b>Push-in type jumper bars</b> , light grey, insulated,	
I <sub>N</sub> 18 A  16 A		I <sub>N</sub> 18 A  16 A		I <sub>N</sub> 18 A  16 A	
1 - 3 <b>2001-433</b> 200 (8 x 25)		1 - 3 <b>2001-433</b> 200 (8 x 25)		1 - 3 <b>2001-433</b> 200 (8 x 25)	
1 - 4 <b>2001-434</b> 200 (8 x 25)		1 - 4 <b>2001-434</b> 200 (8 x 25)		1 - 4 <b>2001-434</b> 200 (8 x 25)	
1 - 5 <b>2001-435</b> 100 (4 x 25)		1 - 5 <b>2001-435</b> 100 (4 x 25)		1 - 5 <b>2001-435</b> 100 (4 x 25)	
:		:		:	
1 - 10 <b>2001-440</b> 100 (4 x 25)		1 - 10 <b>2001-440</b> 100 (4 x 25)		1 - 10 <b>2001-440</b> 100 (4 x 25)	
<b>Modular TOPJOB®S connector**</b> ,		<b>Modular TOPJOB®S connector**</b> ,		<b>Modular TOPJOB®S connector**</b> ,	
for jumper contact slot		for jumper contact slot		for jumper contact slot	
1 pole <b>2001-501</b> 100 (4 x 25)		1 pole <b>2001-501</b> 100 (4 x 25)		1 pole <b>2001-501</b> 100 (4 x 25)	
<b>Spacer</b> , modular		<b>Spacer</b> , modular		<b>Spacer</b> , modular	
<b>2001-549</b> 100 (4 x 25)		<b>2001-549</b> 100 (4 x 25)		<b>2001-549</b> 100 (4 x 25)	
see also pages 22 to 23		see also pages 22 to 23		see also pages 22 to 23	
<b>Test plug adapter</b> , for test plug 4 mm/0.157 in Ø		<b>Test plug adapter</b> , for test plug 4 mm/0.157 in Ø		<b>Test plug adapter</b> , for test plug 4 mm/0.157 in Ø	
<b>2009-174</b> 100 (4 x 25)		<b>2009-174</b> 100 (4 x 25)		<b>2009-174</b> 100 (4 x 25)	
<b>Testing tap</b> , for max. 2.5 mm <sup>2</sup>		<b>Testing tap</b> , for max. 2.5 mm <sup>2</sup>		<b>Testing tap</b> , for max. 2.5 mm <sup>2</sup>	
<b>2009-182</b> 100 (4 x 25)		<b>2009-182</b> 100 (4 x 25)		<b>2009-182</b> 100 (4 x 25)	
<b>Marker strip</b> , white, plain, on roll		<b>Marker strip</b> , white, plain, on roll		<b>Marker strip</b> , white, plain, on roll	
for center marking		for center marking		for center marking	
11 mm/0.039 in wide		11 mm/0.039 in wide		11 mm/0.039 in wide	
50 m <b>2009-110</b> 1		50 m <b>2009-110</b> 1		50 m <b>2009-110</b> 1	
300 m <b>2009-130</b> 1		300 m <b>2009-130</b> 1		300 m <b>2009-130</b> 1	

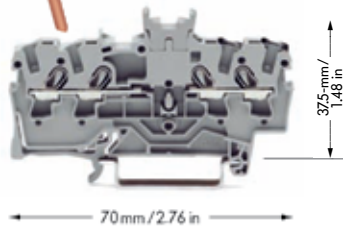
# TOPJOB®S

## Double Potential Terminal Blocks 1.5 (2.5) mm<sup>2</sup>/AWG 14 Series 2001

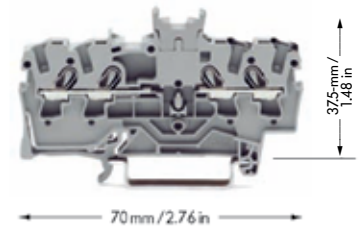
## 2.5 (4) mm<sup>2</sup>/AWG 12 Series 2002

<b>0.25 – 1.5 (2.5) mm<sup>2</sup></b> 800 V/8 kV/3 I <sub>N</sub> 18 A (24 A) Terminal block width 4.2 mm / 0.165 in  9 – 11 mm / 0.39 in	<b>AWG 22 – 14</b> 600 V, 15 A  600 V, 15 A @	<b>0.25 – 1.5 (4) mm<sup>2</sup></b> 800 V/8 kV/3 I <sub>N</sub> 24 A (32 A) Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b> 600 V, 20 A  600 V, 20 A @
---	--	--	--

can be connected: 0.25 mm<sup>2</sup> - 2.5 mm<sup>2</sup> "s+f-st";  
 can be pushed in directly; 0.5 mm<sup>2</sup> - 2.5 mm<sup>2</sup> "s" and  
 0.75 mm<sup>2</sup> - 1.5 mm<sup>2</sup> "insulated ferrule, 12 mm/0.472 in"











can be connected: 0.25 mm<sup>2</sup> - 4 mm<sup>2</sup> "s+f-st";  
 can be pushed in directly; 0.75 mm<sup>2</sup> - 4 mm<sup>2</sup> "s" and  
 0.75 mm<sup>2</sup> - 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm/0.472 in"



Item No.	Pack.-unit pcs		Item No.	Pack.-unit pcs	
Double potential terminal block, grey	<b>2001-1441</b> ●	100	Double potential terminal block, grey	<b>2002-1441</b> ●	100
Attention! This double potential terminal block cannot be commoned with push-in type jumper bars!			Attention! This double potential terminal block cannot be commoned with push-in type jumper bars!		

### Accessoires

appropriate marking system **WMB/Marker strips** (see Full Line Catalog W4 Volume 1, Section 14)

<b>End and intermediate plate, 0.8 mm / 0.331 in thick</b>  orange <b>2002-1492</b> 100 (4 x 25)  grey <b>2002-1491</b> 100 (4 x 25)	<b>End and intermediate plate, 0.8 mm / 0.331 in thick</b>  orange <b>2002-1492</b> 100 (4 x 25)  grey <b>2002-1491</b> 100 (4 x 25)
<b>Insulation stop, 5 pcs/strip</b> 200 strips  light grey <b>2001-171</b> 0.25-0.5 mm <sup>2</sup>	<b>Insulation stop, 5 pcs/strip</b> 200 strips  light grey <b>2002-171</b> 0.25-0.5 mm <sup>2</sup>  dark grey <b>2002-172</b> 0.75-1 mm <sup>2</sup>
	<b>Protective warning marker, for 5 terminal block</b>  yellow <b>2002-115</b> 100 (4 x 25)
















Double potential terminal blocks are space savers. Two independent through terminal blocks are placed in one insulated housing on one level. The width of the housing is only 4.2 mm/0.165 in. Compared to standard through terminal blocks, the width is only 2.1 mm/0.083 in. Input and output contacts of one circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

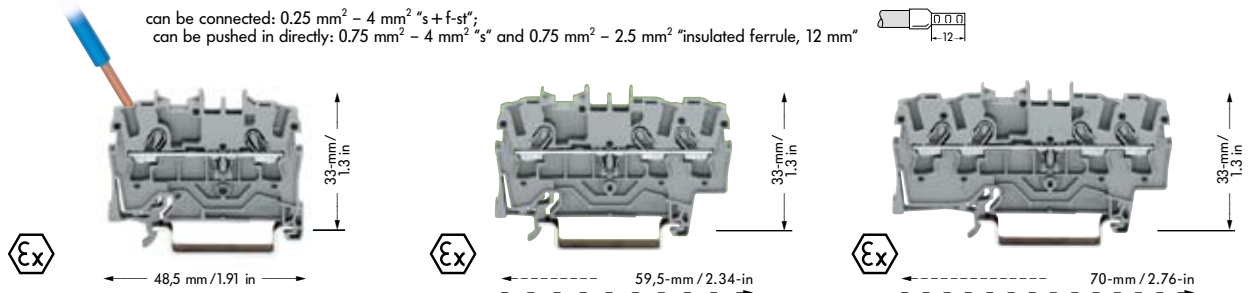
Double potential terminal blocks are space savers. Two independent through terminal blocks are placed in one insulated housing on one level. The width of the housing is only 5.2 mm/0.205 in. Compared to standard through terminal blocks, the width is only 2.6 mm/0.103 in. Input and output contacts of one circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.






















































# TOPJOB®S

## Rail-Mounted Terminal Blocks 2.5 (4) mm<sup>2</sup>/AWG 12

### Series 2002

<b>0.25 – 2.5 (4) mm<sup>2</sup></b> <b>800 V/8 kV/3</b> <b>24 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b> *  	<b>AWG 22 – 12</b> <b>600 V, 20 A </b> <b>600 V, 20 A </b>	<b>0.25 – 2.5 (4) mm<sup>2</sup></b> <b>800 V/8 kV/3</b> <b>24 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b> *  	<b>AWG 22 – 12</b> <b>600 V, 20 A </b> <b>600 V, 20 A </b>	<b>0.25 – 2.5 (4) mm<sup>2</sup></b> <b>800 V/8 kV/3</b> <b>24 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b> *  	<b>AWG 22 – 12</b> <b>600 V, 20 A </b> <b>600 V, 20 A </b>
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













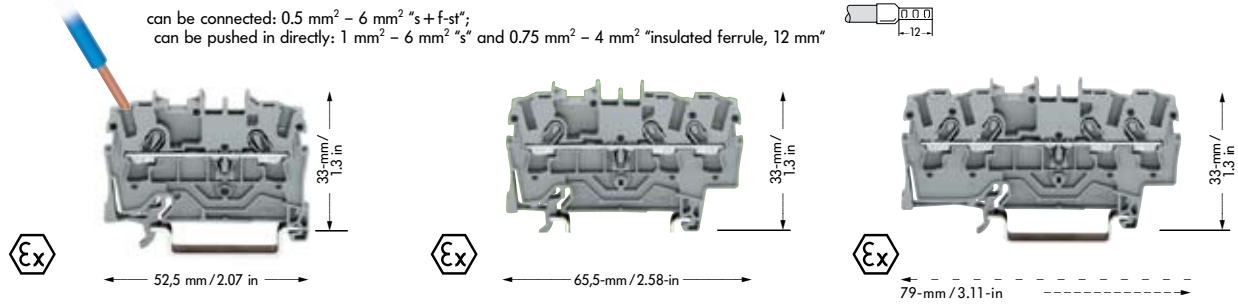
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>2-conductor through terminal blocks</b>					
grey 	<b>2002-1201</b> 	100			
blue 	<b>2002-1204</b> 	100			
orange 	<b>2002-1202</b> 	100			
more colors are available					
<b>2-conductor ground (earth) terminal block</b>					
green-yellow 	<b>2002-1207</b> 	100			
 Suitable for Ex e II applications 550 V, 22 A					
 Suitable for Ex i applications					
<b>3-conductor through terminal blocks</b>					
grey 	<b>2002-1301</b> 	100			
blue 	<b>2002-1304</b> 	100			
orange 	<b>2002-1302</b> 	100			
more colors are available					
<b>3-conductor ground (earth) terminal block</b>					
green-yellow 	<b>2002-1307</b> 	100			
 Suitable for Ex e II applications 550 V, 22 A					
 Suitable for Ex i applications					
<b>4-conductor through terminal blocks</b>					
grey 	<b>2002-1401</b> 	100			
blue 	<b>2002-1404</b> 	100			
orange 	<b>2002-1402</b> 	100			
more colors are available					
<b>4-conductor ground (earth) terminal block</b>					
green-yellow 	<b>2002-1407</b> 	100			
 Suitable for Ex e II applications 550 V, 22 A					
 Suitable for Ex i applications					
<b>Accessories</b> appropriate marker system <b>WMB/Marker strips</b> (see page 46-49)					
<b>End and intermediate plate</b> , 0.8 mm / 0.031 in thick					
	orange <b>2002-1292</b> 100 (4 x 25)			orange <b>2002-1392</b> 100 (4 x 25)	
	grey <b>2002-1291</b> 100 (4 x 25)			grey <b>2002-1391</b> 100 (4 x 25)	
<b>Insulation stop</b> , 5 pcs/strip 200 strips					
	light grey <b>2002-171</b> 0.25-0.5 mm <sup>2</sup>			light grey <b>2002-171</b> 0.25-0.5 mm <sup>2</sup>	
	dark grey <b>2002-172</b> 0.75-1 mm <sup>2</sup>			dark grey <b>2002-172</b> 0.75-1 mm <sup>2</sup>	
<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 25 A  20 A					
	2-way <b>2002-402</b> 200 (8 x 25)			2-way <b>2002-402</b> 200 (8 x 25)	
	3-way <b>2002-403</b> 200 (8 x 25)			3-way <b>2002-403</b> 200 (8 x 25)	
	4-way <b>2002-404</b> 200 (8 x 25)			4-way <b>2002-404</b> 200 (8 x 25)	
:	:		:	:	
10-way	<b>2002-410</b> 100 (4 x 25)		10-way	<b>2002-410</b> 100 (4 x 25)	
<b>Staggered jumper</b> , see page 28					
<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 25 A  20 A					
	1 - 3 <b>2002-433</b> 200 (8 x 25)			1 - 3 <b>2002-433</b> 200 (8 x 25)	
	1 - 4 <b>2002-434</b> 200 (8 x 25)			1 - 4 <b>2002-434</b> 200 (8 x 25)	
	1 - 5 <b>2002-435</b> 100 (4 x 25)			1 - 5 <b>2002-435</b> 100 (4 x 25)	
:	:		:	:	
1 - 10	<b>2002-440</b> 100 (4 x 25)		1 - 10	<b>2002-440</b> 100 (4 x 25)	
<b>Protective warning marker</b> , for 5 terminal blocks					
	yellow <b>2002-115</b> 100 (4 x 25)			yellow <b>2002-115</b> 100 (4 x 25)	
<b>Modular TOPJOB®S connector**</b> , for jumper contact slot					
	1 pole <b>2002-511</b> 100 (4 x 25)			1 pole <b>2002-511</b> 100 (4 x 25)	
<b>Spacer</b> , modular <b>2002-549</b> 100 (4 x 25) see also pages 22 to 23					
<b>Test plug adapter</b> , for test plug 4 mm/0.157 in Ø					
	<b>2009-174</b> 100 (4 x 25)			<b>2009-174</b> 100 (4 x 25)	
	<b>Testing tap</b> , for max. 2.5 mm <sup>2</sup>			<b>Testing tap</b> , for max. 2.5 mm <sup>2</sup>	
	<b>2009-182</b> 100 (4 x 25)			<b>2009-182</b> 100 (4 x 25)	
























































































# TOPJOB® S

## Rail-Mounted Terminal Blocks 4 (6) mm<sup>2</sup>/AWG 10

### Series 2004

0.5 – 4 (6) mm <sup>2</sup> 800 V/8 kV/3 32 A	AWG 20 – 10 600 V, 30 A  600 V, 30 A 	0.5 – 4 (6) mm <sup>2</sup> 800 V/8 kV/3 32 A	AWG 20 – 10 600 V, 30 A  600 V, 30 A 	0.5 – 4 (6) mm <sup>2</sup> 800 V/8 kV/3 32 A	AWG 20 – 10 600 V, 30 A  600 V, 30 A 
Terminal block width 6.2 mm / 0.244 in  11 – 13 mm / 0.47 in		Terminal block width 6.2 mm / 0.244 in  11 – 13 mm / 0.47 in		Terminal block width 6.2 mm / 0.244 in  11 – 13 mm / 0.47 in	
*  		*  		*  	











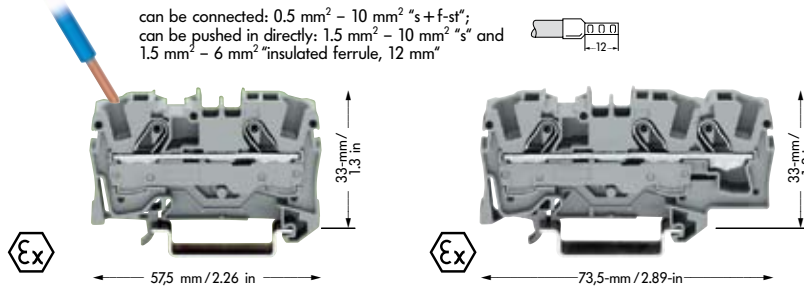
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>2-conductor through terminal blocks</b>		<b>3-conductor through terminal blocks</b>		<b>4-conductor through terminal blocks</b>	
grey 	<b>2004-1201</b>  50	grey 	<b>2004-1301</b>  50	grey 	<b>2004-1401</b>  50
blue 	<b>2004-1204</b>  50	blue 	<b>2004-1304</b>  50	blue 	<b>2004-1404</b>  50
orange 	<b>2004-1202</b>  50	orange 	<b>2004-1302</b>  50	orange 	<b>2004-1402</b>  50
more colors are available		more colors are available		more colors are available	
<b>2-conductor ground (earth) terminal block</b>		<b>3-conductor ground (earth) terminal block</b>		<b>4-conductor ground (earth) terminal block</b>	
green-yellow 	<b>2004-1207</b>  50	green-yellow 	<b>2004-1307</b>  50	green-yellow 	<b>2004-1407</b>  50
 Suitable for Ex e II applications 550 V, 30 A		 Suitable for Ex e II applications 550 V, 30 A		 Suitable for Ex e II applications 550 V, 30 A	
 Suitable for Ex i applications		 Suitable for Ex i applications		 Suitable for Ex i applications	
<b>Accessories</b> appropriate marker system <b>WMB/Marker strips/WMB Inline</b> (see page 54-57)					
<b>End and intermediate plate</b> , 1 mm / 0.039 in thick		<b>End and intermediate plate</b> , 1 mm / 0.039 in thick		<b>End and intermediate plate</b> , 1 mm / 0.039 in thick	
 orange	<b>2004-1292</b> 100 (4 x 25)	 orange	<b>2004-1392</b> 100 (4 x 25)	 orange	<b>2004-1492</b> 100 (4 x 25)
 grey	<b>2004-1291</b> 100 (4 x 25)	 grey	<b>2004-1391</b> 100 (4 x 25)	 grey	<b>2004-1491</b> 100 (4 x 25)
<b>Insulation stop</b> , 5 pcs/strip 200 strips		<b>Insulation stop</b> , 5 pcs/strip 200 strips		<b>Insulation stop</b> , 5 pcs/strip 200 strips	
 light grey	<b>2004-171</b> 0.25-0.5 mm <sup>2</sup>	 light grey	<b>2004-171</b> 0.25-0.5 mm <sup>2</sup>	 light grey	<b>2004-171</b> 0.25-0.5 mm <sup>2</sup>
 dark grey	<b>2004-172</b> 0.75-1 mm <sup>2</sup>	 dark grey	<b>2004-172</b> 0.75-1 mm <sup>2</sup>	 dark grey	<b>2004-172</b> 0.75-1 mm <sup>2</sup>
<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 32 A  30 A		<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 32 A  30 A		<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 32 A  30 A	
 2-fach	<b>2004-402</b> 100 (4 x 25)	 2-fach	<b>2004-402</b> 100 (4 x 25)	 2-fach	<b>2004-402</b> 100 (4 x 25)
 3-fach	<b>2004-403</b> 100 (4 x 25)	 3-fach	<b>2004-403</b> 100 (4 x 25)	 3-fach	<b>2004-403</b> 100 (4 x 25)
 4-fach	<b>2004-404</b> 100 (4 x 25)	 4-fach	<b>2004-404</b> 100 (4 x 25)	 4-fach	<b>2004-404</b> 100 (4 x 25)
 5-fach	<b>2004-405</b> 50 (2 x 25)	 5-fach	<b>2004-405</b> 50 (2 x 25)	 5-fach	<b>2004-405</b> 50 (2 x 25)
:	:	:	:	:	:
 10-fach	<b>2004-410</b> 50 (2 x 25)	 10-fach	<b>2004-410</b> 50 (2 x 25)	 10-fach	<b>2004-410</b> 50 (2 x 25)
<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 32 A  30 A		<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 32 A  30 A		<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 32 A  30 A	
 1 - 3	<b>2004-433</b> 100 (4 x 25)	 1 - 3	<b>2004-433</b> 100 (4 x 25)	 1 - 3	<b>2004-433</b> 100 (4 x 25)
 1 - 4	<b>2004-434</b> 100 (4 x 25)	 1 - 4	<b>2004-434</b> 100 (4 x 25)	 1 - 4	<b>2004-434</b> 100 (4 x 25)
 1 - 5	<b>2004-435</b> 50 (2 x 25)	 1 - 5	<b>2004-435</b> 50 (2 x 25)	 1 - 5	<b>2004-435</b> 50 (2 x 25)
:	:	:	:	:	:
 1 - 10	<b>2004-440</b> 50 (2 x 25)	 1 - 10	<b>2004-440</b> 50 (2 x 25)	 1 - 10	<b>2004-440</b> 50 (2 x 25)
<b>Protective warning marker</b> , for 5 terminal blocks		<b>Protective warning marker</b> , for 5 terminal blocks		<b>Protective warning marker</b> , for 5 terminal blocks	
 yellow	<b>2004-115</b> 100 (4 x 25)	 yellow	<b>2004-115</b> 100 (4 x 25)	 yellow	<b>2004-115</b> 100 (4 x 25)
<b>Modular TOPJOB®S connector**</b> , for jumper contact slot		<b>Modular TOPJOB®S connector**</b> , for jumper contact slot		<b>Modular TOPJOB®S connector**</b> , for jumper contact slot	
 1 pole	<b>2004-511</b> 100 (4 x 25)	 1 pole	<b>2004-511</b> 100 (4 x 25)	 1 pole	<b>2004-511</b> 100 (4 x 25)
<b>Spacer</b> , modular <b>2004-549</b> 100 (4 x 25)		<b>Spacer</b> , modular <b>2004-549</b> 100 (4 x 25)		<b>Spacer</b> , modular <b>2004-549</b> 100 (4 x 25)	
see also pages 22 to 23		see also pages 22 to 23		see also pages 22 to 23	
<b>Test plug adapter</b> , for test plug 4 mm/0.157 in Ø		<b>Test plug adapter</b> , for test plug 4 mm/0.157 in Ø		<b>Test plug adapter</b> , for test plug 4 mm/0.157 in Ø	
 <b>2009-174</b> 100 (4 x 25)	<b>2009-174</b> 100 (4 x 25)	 <b>2009-174</b> 100 (4 x 25)	<b>2009-174</b> 100 (4 x 25)	 <b>2009-174</b> 100 (4 x 25)	<b>2009-174</b> 100 (4 x 25)
 <b>2009-182</b> 100 (4 x 25)	<b>2009-182</b> 100 (4 x 25)	 <b>2009-182</b> 100 (4 x 25)	<b>2009-182</b> 100 (4 x 25)	 <b>2009-182</b> 100 (4 x 25)	<b>2009-182</b> 100 (4 x 25)






































# TOPJOB<sup>®</sup>S

## Rail-Mounted Terminal Blocks 6 (10) mm<sup>2</sup>/AWG 8 Series 2006

<b>0.5 – 6 (10) mm<sup>2</sup></b> <b>800 V/8 kV/3</b> <b>41 A</b> <b>Terminal block width 7.5 mm / 0.295 in</b>  <b>13 – 15 mm / 0.55 in</b> * 	<b>AWG 20 – 8</b> <b>600 V, 50 A</b>  <b>600 V, 50 A</b> 	<b>0.5 – 6 (10) mm<sup>2</sup></b> <b>800 V/8 kV/3</b> <b>41 A</b> <b>Terminal block width 7.5 mm / 0.295 in</b>  <b>13 – 15 mm / 0.55 in</b> * 	<b>AWG 20 – 8</b> <b>600 V, 50 A</b>  <b>600 V, 50 A</b> 	<b>Commoning with step-down jumpers</b>  <b>Application notes see page 7</b>
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>2-conductor through terminal blocks</b>		<b>3-conductor through terminal blocks</b>		<b>Commoning with step-down jumpers</b>	
grey 	<b>2006-1201</b>  50	grey 	<b>2006-1301</b>  25	An end plate must always be used between the terminal blocks that are commoned with step-down jumpers.	
blue 	<b>2006-1204</b>  50	blue 	<b>2006-1304</b>  25	Step-down jumper 2006-499 is suitable for commoning AWG 10/12 (6/4 mm <sup>2</sup> ) terminal blocks with AWG 12/14/16 (4/2.5/1.5 mm <sup>2</sup> ) terminal blocks.	
orange 	<b>2006-1202</b>  50	orange 	<b>2006-1302</b>  25	Step-down jumpers are simply pushed down to full insertion, in the same way as all other push-in type jumper bars.	
<b>2-conductor ground (earth) terminal block</b>		<b>3-conductor ground (earth) terminal block</b>			
green-yellow 	<b>2006-1207</b>  50	green-yellow 	<b>2006-1307</b>  25		
 Suitable for Ex e II applications 550 V, 38 A		 Suitable for Ex e II applications 550 V, 36 A			
 Suitable for Ex i applications		 Suitable for Ex i applications			
<b>Accessories</b> appropriate marker system <b>WMB/Marker strips/WMB Inline</b> (see page 54-57)					
<b>End and intermediate plate, 1 mm / 0.039 in thick</b>		<b>End and intermediate plate, 1 mm / 0.039 in thick</b>		<b>Step-down jumper, light grey, insulated</b>	
 orange <b>2006-1292</b> 100 (4 x 25)		 orange <b>2006-1392</b> 100 (4 x 25)		 32 A	
 grey <b>2006-1291</b> 100 (4 x 25)		 grey <b>2006-1391</b> 100 (4 x 25)		<b>2006-499</b> 50 (2 x 25)	
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 41 A</b>		<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 41 A</b>			
 33 A		 33 A			
2-way <b>2006-402</b> 50 (2 x 25)		2-way <b>2006-402</b> 50 (2 x 25)			
3-way <b>2006-403</b> 50 (2 x 25)		3-way <b>2006-403</b> 50 (2 x 25)			
4-way <b>2006-404</b> 50 (2 x 25)		4-way <b>2006-404</b> 50 (2 x 25)			
5-way <b>2006-405</b> 50 (2 x 25)		5-way <b>2006-405</b> 50 (2 x 25)			
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 41 A</b>		<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 41 A</b>			
 33 A		 33 A			
1 - 3 <b>2006-433</b> 50 (2 x 25)		1 - 3 <b>2006-433</b> 50 (2 x 25)			
1 - 4 <b>2006-434</b> 50 (2 x 25)		1 - 4 <b>2006-434</b> 50 (2 x 25)			
1 - 5 <b>2006-435</b> 50 (2 x 25)		1 - 5 <b>2006-435</b> 50 (2 x 25)			
<b>Protective warning marker,</b>		<b>Protective warning marker,</b>			
for 5 terminal blocks		for 5 terminal blocks			
 yellow <b>2006-115</b> 100 (4 x 25)		 yellow <b>2006-115</b> 100 (4 x 25)			
<b>Test plug adapter, for test plug 4 mm/0.157 in Ø</b>		<b>Test plug adapter, for test plug 4 mm/0.157 in Ø</b>			
 <b>2009-174</b> 100 (4 x 25)		 <b>2009-174</b> 100 (4 x 25)			
<b>Testing tap, for max. 2.5 mm<sup>2</sup></b>		<b>Testing tap, for max. 2.5 mm<sup>2</sup></b>			
 <b>2009-182</b> 100 (4 x 25)		 <b>2009-182</b> 100 (4 x 25)			
<b>Marker strip, white, plain, on roll</b>		<b>Marker strip, white, plain, on roll</b>			
for center marking		for center marking			
11 mm / 0.039 in wide		11 mm / 0.039 in wide			
50 m <b>2009-110</b> 1		50 m <b>2009-110</b> 1			
300 m <b>2009-130</b> 1		300 m <b>2009-130</b> 1			









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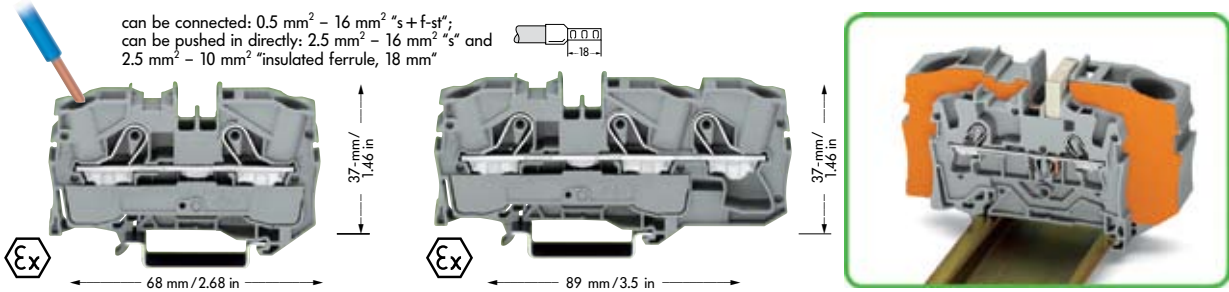
**The total current flowing cannot exceed the rating of the step-down jumper/push-in type jumper bar.**























# TOPJOB® S

## Rail-Mounted Terminal Blocks 10 (16) mm<sup>2</sup>/AWG 6

### Series 2010

<b>0.5 – 10 (16) mm<sup>2</sup></b> <b>800 V/8 kV/3</b> <b>57 A</b> <b>Terminal block width 10 mm / 0.394 in</b>  <b>17 – 19 mm / 0.71 in</b> * 	<b>AWG 20 – 6</b> <b>600 V, 65 A</b>  <b>600 V, 65 A</b> 	<b>0.5 – 10 (16) mm<sup>2</sup></b> <b>800 V/8 kV/3</b> <b>57 A</b> <b>Terminal block width 10 mm / 0.394 in</b>  <b>17 – 19 mm / 0.71 in</b> * 	<b>AWG 20 – 6</b> <b>600 V, 65 A</b>  <b>600 V, 65 A</b> 	<b>Commoning with step-down jumpers</b>  <b>Application notes see page 7</b>
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









Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>2-conductor through terminal blocks</b>		<b>3-conductor through terminal blocks</b>		<b>Commoning with step-down jumpers</b>	
grey 	<b>2010-1201</b> 25	grey 	<b>2010-1301</b> 25	An end plate must always be used between the terminal blocks that are commoned with step-down jumpers.	
blue 	<b>2010-1204</b> 25	blue 	<b>2010-1304</b> 25	Step-down jumper 2016-499 is suitable for commoning	
orange 	<b>2010-1202</b> 25	orange 	<b>2010-1302</b> 25	AWG 8/6 (10/16 mm <sup>2</sup> ) terminal blocks with AWG	
<b>2-conductor ground (earth) terminal block</b>		<b>3-conductor ground (earth) terminal block</b>		8/10/12/14 (10/6/4/2.5 mm <sup>2</sup> ) terminal blocks.	
green-yellow 	<b>2010-1207</b> 25	green-yellow 	<b>2010-1307</b> 25	Step-down jumpers are simply pushed down to full insertion, in the same way as all other push-in type jumper bars.	
 Suitable for Ex e II applications 550 V, 51 A		 Suitable for Ex e II applications 550 V, 50 A			
 Suitable for Ex i applications		 Suitable for Ex i applications			
<b>Accessories</b> appropriate marker system <b>WMB/Marker strips/WMB Inline</b> (see page 54-57)					
<b>End and intermediate plate, 1 mm / 0.039 in thick</b>		<b>End and intermediate plate, 1 mm / 0.039 in thick</b>		<b>Step-down jumper, light grey, insulated</b>	
orange <b>2010-1292</b> 100 (4 x 25)		orange <b>2010-1392</b> 100 (4 x 25)		57 A	
grey <b>2010-1291</b> 100 (4 x 25)		grey <b>2010-1391</b> 100 (4 x 25)		<b>2016-499</b> 50 (2 x 25)	
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 57 A</b>		<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 57 A</b>		<b>Note:</b>	
 51 A		 50 A		<b>The total current flowing cannot exceed the rating of the step-down jumper/push-in type jumper bar.</b>	
2-way <b>2010-402</b> 50 (2 x 25)		2-way <b>2010-402</b> 50 (2 x 25)			
3-way <b>2010-403</b> 50 (2 x 25)		3-way <b>2010-403</b> 50 (2 x 25)			
4-way <b>2010-404</b> 50 (2 x 25)		4-way <b>2010-404</b> 50 (2 x 25)			
5-way <b>2010-405</b> 50 (2 x 25)		5-way <b>2010-405</b> 50 (2 x 25)			
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 57 A</b>		<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 57 A</b>			
 51 A		 50 A			
1 - 3 <b>2010-433</b> 50 (2 x 25)		1 - 3 <b>2010-433</b> 50 (2 x 25)			
1 - 4 <b>2010-434</b> 50 (2 x 25)		1 - 4 <b>2010-434</b> 50 (2 x 25)			
1 - 5 <b>2010-435</b> 50 (2 x 25)		1 - 5 <b>2010-435</b> 50 (2 x 25)			
<b>Protective warning marker, for 5 terminal blocks</b>		<b>Protective warning marker, for 5 terminal blocks</b>			
yellow <b>2010-115</b> 100 (4 x 25)		yellow <b>2010-115</b> 100 (4 x 25)			
<b>Test plug adapter, for test plug 4 mm/0.157 in Ø</b>		<b>Test plug adapter, for test plug 4 mm/0.157 in Ø</b>			
 <b>2009-174</b> 100 (4 x 25)		 <b>2009-174</b> 100 (4 x 25)			
<b>Testing tap, for max. 2.5 mm<sup>2</sup></b>		<b>Testing tap, for max. 2.5 mm<sup>2</sup></b>			
 <b>2009-182</b> 100 (4 x 25)		 <b>2009-182</b> 100 (4 x 25)			
<b>Marker strip, white, plain, on roll for center marking</b>		<b>Marker strip, white, plain, on roll for center marking</b>			
11 mm / 0.039 in wide		11 mm / 0.039 in wide			
50 m <b>2009-110</b> 1		50 m <b>2009-110</b> 1			
300 m <b>2009-130</b> 1		300 m <b>2009-130</b> 1			
<b>Finger guard cover, serves as touchproof protection for unused clamping units</b>		<b>Finger guard cover, serves as touchproof protection for unused clamping units</b>			
 yellow <b>2010-100</b> 100 (4-x-25)		 yellow <b>2010-100</b> 100 (4-x-25)			

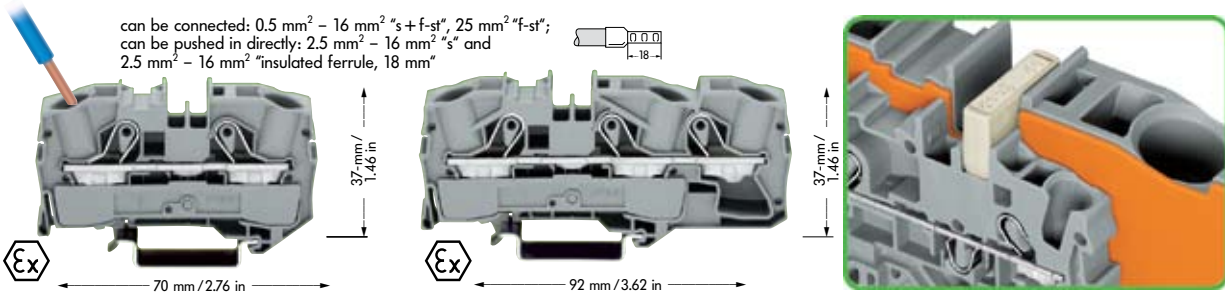






















Finger guard cover snapped into unused clamping unit (Example: Series 2016)





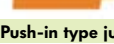



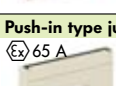
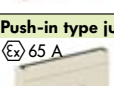







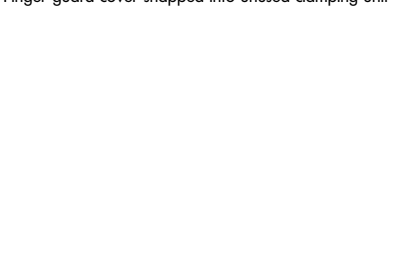

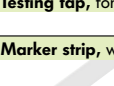












# TOPJOB<sup>®</sup>S

## Rail-Mounted Terminal Blocks 16 (25 "f-st") mm<sup>2</sup>/AWG 4 Series 2016

<b>0.5 – 16 (25 "f-st") mm<sup>2</sup></b> <b>800 V/8 kV/3 76 A</b> <b>Terminal block width 12 mm / 0.472 in</b>  <b>18 – 20 mm / 0.75 in</b> *  	<b>AWG 20 – 4</b> <b>600 V, 85 A  600 V, 85 A </b>	<b>0.5 – 16 (25 "f-st") mm<sup>2</sup></b> <b>800 V/8 kV/3 76 A</b> <b>Terminal block width 12 mm / 0.472 in</b>  <b>18 – 20 mm / 0.75 in</b> *  	<b>AWG 20 – 4</b> <b>600 V, 85 A  600 V, 85 A </b>	<b>Commoning with step-down jumpers</b>  <b>Application notes see page 7</b>
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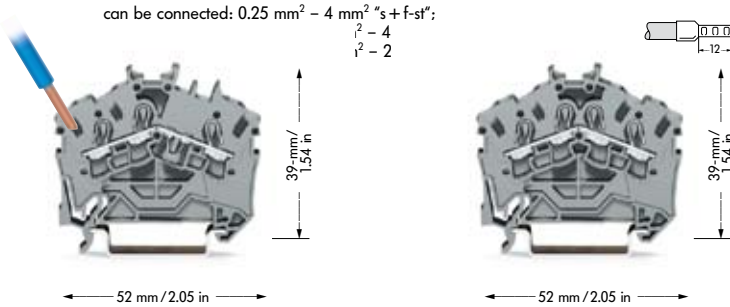
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>2-conductor through terminal blocks</b>		<b>3-conductor through terminal blocks</b>		<b>Commoning with step-down jumpers</b>	
grey 	<b>2016-1201</b> 	20	grey 	<b>2016-1301</b> 	20
blue 	<b>2016-1204</b> 	20	blue 	<b>2016-1304</b> 	20
orange 	<b>2016-1202</b> 	20	orange 	<b>2016-1302</b> 	20
<b>2-conductor ground (earth) terminal block</b>		<b>3-conductor ground (earth) terminal block</b>		An end plate must always be used between the terminal blocks that are commoned with step-down jumpers.	
green-yellow 	<b>2016-1207</b> 	20	green-yellow 	<b>2016-1307</b> 	20
 Suitable for Ex e II applications 550 V, 70 A		 Suitable for Ex e II applications 550 V, 67 A		Step-down jumper 2016-499 is suitable for commoning AWG 8/6 (10/16 mm <sup>2</sup> ) terminal blocks with AWG 8/10/12/14 (10/6/4/2.5 mm <sup>2</sup> ) terminal blocks.	
 Suitable for Ex i applications		 Suitable for Ex i applications		Step-down jumpers are simply pushed down to full insertion, in the same way as all other push-in type jumper bars.	

Accessories		appropriate marker system		WMB/Marker strips/WMB Inline (see pages 54-57)	
<b>End and intermediate plate, 1 mm/0.039 in thick</b>		<b>End and intermediate plate, 1 mm/0.039 in thick</b>		<b>Step-down jumper, light grey, insulated</b>	
	orange <b>2016-1292</b> 100 (4 x 25)		orange <b>2016-1392</b> 100 (4 x 25)		57 A
	grey <b>2016-1291</b> 100 (4 x 25)		grey <b>2016-1391</b> 100 (4 x 25)		<b>2016-499</b> 50 (2 x 25)
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 76 A</b>		<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 76 A</b>		Note:	
	2-way <b>2016-402</b> 50 (2 x 25)		2-way <b>2016-402</b> 50 (2 x 25)	<b>The total current flowing cannot exceed the rating of the step-down jumper/push-in type jumper bar.</b>	
	3-way <b>2016-403</b> 50 (2 x 25)		3-way <b>2016-403</b> 50 (2 x 25)		
	4-way <b>2016-404</b> 50 (2 x 25)		4-way <b>2016-404</b> 50 (2 x 25)		
	5-way <b>2016-405</b> 50 (2 x 25)		5-way <b>2016-405</b> 50 (2 x 25)		
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 76 A</b>		<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 76 A</b>		Finger guard cover snapped into unused clamping unit	
	1 - 3 <b>2016-433</b> 50 (2 x 25)		1 - 3 <b>2016-433</b> 50 (2 x 25)		
	1 - 4 <b>2016-434</b> 50 (2 x 25)		1 - 4 <b>2016-434</b> 50 (2 x 25)		
	1 - 5 <b>2016-435</b> 50 (2 x 25)		1 - 5 <b>2016-435</b> 50 (2 x 25)		
<b>Protective warning marker, for 5 terminal blocks</b>		<b>Protective warning marker, for 5 terminal blocks</b>			
	yellow <b>2016-115</b> 50 (2 x 25)		yellow <b>2016-115</b> 50 (2 x 25)		
<b>Test plug adapter, for test plug 4 mm/0.157 in Ø</b>		<b>Test plug adapter, for test plug 4 mm/0.157 in Ø</b>			
	<b>2009-174</b> 100 (4 x 25)		<b>2009-174</b> 100 (4 x 25)		
<b>Testing tap, for max. 2.5 mm<sup>2</sup></b>		<b>Testing tap, for max. 2.5 mm<sup>2</sup></b>			
	<b>2009-182</b> 100 (4 x 25)		<b>2009-182</b> 100 (4 x 25)		
<b>Marker strip, white, plain, on roll</b>		<b>Marker strip, white, plain, on roll</b>			
	for center marking 11 mm/0.039 in wide		for center marking 11 mm/0.039 in wide		
	50 m <b>2009-110</b> 1		50 m <b>2009-110</b> 1		
	300 m <b>2009-130</b> 1		300 m <b>2009-130</b> 1		
<b>Finger guard cover, serves as touchproof protection for unused clamping units</b>		<b>Finger guard cover, serves as touchproof protection for unused clamping units</b>			
	yellow <b>2016-100</b> 100 (4-x-25)		yellow <b>2016-100</b> 100 (4-x-25)		

# TOPJOB®S

## 3- and 4-Conductor Rail-Mounted Terminal Blocks 2.5 (4) mm<sup>2</sup>/AWG 12 Series 2002

0.25 – 2.5 (4) mm <sup>2</sup> 800 V/8 kV/3 24 A	AWG 22 – 12 600 V, 20 A	0.25 – 2.5 (4) mm <sup>2</sup> 800 V/8 kV/3 24 A	AWG 22 – 12 600 V, 20 A
Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in		Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>3-conductor through terminal blocks</b>		<b>4-conductor through terminal blocks</b>	
grey <b>2002-6301</b>	100	grey <b>2002-6401</b>	100
blue <b>2002-6304</b>	100	blue <b>2002-6404</b>	100
orange <b>2002-6302</b>	100	orange <b>2002-6402</b>	100
more colors are being prepared		more colors are being prepared	
<b>3-conductor ground (earth) terminal block</b>		<b>4-conductor ground (earth) terminal block</b>	
green-yellow <b>2002-6307</b>	100	green-yellow <b>2002-6407</b>	100
approvals in preparation		approvals in preparation	
Suitable for Ex i applications		Suitable for Ex i applications	
<b>Attention!</b> These terminal blocks cannot be commoned!			
<b>Accessories</b> appropriate marker system (see pages 54-57)		<b>WMB/Marker strips/WMB Inline</b>	
<b>End and intermediate plate</b> , 0.8 mm / 0.031 in thick		<b>End and intermediate plate</b> , 0.8 mm / 0.031 in thick	
orange <b>2002-6392</b> 100 (4 x 25)		orange <b>2002-6392</b> 100 (4 x 25)	
grey <b>2002-6391</b> 100 (4 x 25)		grey <b>2002-6391</b> 100 (4 x 25)	
<b>Insulation stop</b> , 5 pcs/strip 200 strips		<b>Insulation stop</b> , 5 pcs/strip 200 strips	
light grey <b>2002-171</b> 0.25-0.5 mm <sup>2</sup>		light grey <b>2002-171</b> 0.25-0.5 mm <sup>2</sup>	
dark grey <b>2002-172</b> 0.75-1 mm <sup>2</sup>		dark grey <b>2002-172</b> 0.75-1 mm <sup>2</sup>	
<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 25 A			
2-way <b>2002-402</b> 200 (8 x 25)			
3-way <b>2002-403</b> 200 (8 x 25)			
4-way <b>2002-404</b> 200 (8 x 25)			
5-way <b>2002-405</b> 100 (4 x 25)			
⋮			
10-way <b>2002-410</b> 100 (4 x 25)			
<b>Push-in type jumper bars</b> , light grey, insulated, I <sub>N</sub> 25 A			
1 - 3 <b>2002-433</b> 200 (8 x 25)			
1 - 4 <b>2002-434</b> 200 (8 x 25)			
1 - 5 <b>2002-435</b> 100 (4 x 25)			
⋮			
1 - 10 <b>2002-440</b> 100 (4 x 25)			
<b>Protective warning marker</b> , for 5 terminal blocks		<b>Protective warning marker</b> , for 5 terminal blocks	
yellow <b>2002-115</b> 100 (4 x 25)		yellow <b>2002-115</b> 100 (4 x 25)	
<b>Modular TOPJOB®S connector**</b> , for jumper contact slot			
1 pole <b>2002-511</b> 100 (4 x 25)			
<b>Spacer</b> , modular <b>2002-549</b> 100 (4 x 25)			
<b>Test plug adapter</b> , for test plug 4 mm/0.157 in Ø <b>2009-174</b> 100 (4 x 25)			
<b>Testing tap</b> , for max. 2.5 mm <sup>2</sup> <b>2009-182</b> 100 (4 x 25)			



### 3- and 4-conductor terminal blocks

The new TOPJOB®S rail-mounted terminal blocks have a conductor entry angle of 35 degrees allowing for a very small bend radius and an extremely short wiring distance to the cable duct. For applications in switchgear and control cabinets using the LSC wiring system from Lütze, for example, the new terminal blocks offer a space and cost saving solution. This way, conductors can be placed very close to the terminal blocks and their height can be kept relatively low.

### Product characteristics

- CAGE CLAMP®S connection for all types of conductors, with the additional benefit that stripped solid wires and fine-stranded ferruled wires can be simply pushed in
- Vibration-proof, fast, maintenance-free connection
- 3-conductor through and ground (earth) conductor terminal blocks equipped with dual jumper slot
- 4-conductor terminal blocks allow for the multiplication of potentials without using any jumpers and any additional terminal blocks
- 3- and 4-conductor terminal blocks have the same dimensions





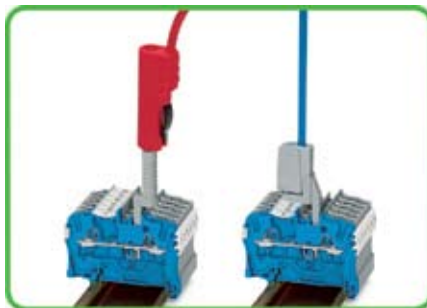
# Test Plug Adapter and Testing Tap

# Push-in type wire jumpers

<b>Test plug adapter and testing tap</b> for testing rail-mounted terminal blocks of Series 2001/2002/2004/2006/2010/2016	<b>Push-in type wire jumper</b> Nominal voltage: 800 V/8 kV/3 Nominal current: 16 A Rated cross section: 1.5 mm <sup>2</sup> Wire lengths: 60/110/250 mm	
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Item No.	Pack. unit pcs	Item No.	Pack.-unit pcs
<b>Test plug adapter,</b> for test plugs 4 mm/0.157 in Ø, for testing rail-mounted terminal blocks of Series 2001/2002/2004/2006/2010/2016 <b>2009-174</b>		<b>Push-in type wire jumpers,</b> insulated, conductor cross section 1.5 mm <sup>2</sup> , suitable for rail-mounted terminal blocks of Series 2001 and 2002  <b>Wire length</b>	
	100 (4 x 25)	60 mm <b>2009-412</b>	10
<b>Testing tap,</b> for connecting individual test wires of AWG 28 to 14 (0.08 mm <sup>2</sup> – 2.5 mm <sup>2</sup> ) without tools <b>2009-182</b>		110 mm <b>2009-414</b>	10
	100 (4 x 25)	250 mm <b>2009-416</b>	10
<b>Accessories</b>			
<b>Banana plugs,</b> for sockets 4 mm/0.157 in Ø  			
<b>Test plug, 4 mm/0.157 in Ø,</b> touch proof, not offered by WAGO  for ex. mfd by Multi Contact Deutschland GmbH  			
<b>Application notes</b>			



Testing TOPJOB®S rail-mounted terminal blocks using a test plug adapter or testing tap.















Push down the wire jumper until fully inserted. Lift the jumper with a screwdriver for rewiring.










# TOPJOB<sup>®</sup>S

## Modular TOPJOB<sup>®</sup>S Connectors with CAGE CLAMP<sup>®</sup>S Connection

### Series 2001/2002/2004

<b>0.25 – 1.5 (2.5) mm<sup>2</sup></b> 500 V/6 kV/3 18 A Terminal block width 4.2 mm / 0.165 in  9 – 11 mm / 0.39 in 	<b>AWG 22 – 14</b> 300 V, 15 A  300 V, 15 A 	<b>0.25 – 2.5 (4) mm<sup>2</sup> ⊙</b> 500 V/6 kV/3 24 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in 	<b>AWG 22 – 12</b> 300 V, 20 A  300 V, 20 A 	<b>0.5 – 4 (6) mm<sup>2</sup> ⊙</b> 500 V/6 kV/3 32 A Terminal block width 6.2 mm / 0.244 in  11 – 13 mm / 0.47 in 	<b>AWG 20 – 10</b> 300 V, 30 A  300 V, 30 A 
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>Modular TOPJOB<sup>®</sup>S connectors with CAGE CLAMP<sup>®</sup>S connection, modular, grey, 1 pole</b>		<b>Modular TOPJOB<sup>®</sup>S connectors with CAGE CLAMP<sup>®</sup>S connection, modular, grey, 1 pole</b>		<b>Modular TOPJOB<sup>®</sup>S connectors with CAGE CLAMP<sup>®</sup>S connection, modular, grey, 1 pole</b>	
<b>2001-511</b>	100 (4 x 25)	<b>2002-511</b>	100 (4 x 25)	<b>2004-511</b>	100 (4 x 25)
<b>Spacer, for bridging over commoned terminal blocks, for example, modular, grey</b>		<b>Spacer, for bridging over commoned terminal blocks, for example, modular, grey</b>		<b>Spacer, for bridging over commoned terminal blocks, for example, modular, grey</b>	
<b>2001-549</b>	100 (4 x 25)	<b>2002-549</b>	100 (4 x 25)	<b>2004-549</b>	100 (4 x 25)
can be connected: 0.25 mm <sup>2</sup> – 2.5 mm <sup>2</sup> "s + f-st"; can be pushed in directly: 0.5 mm <sup>2</sup> – 2.5 mm <sup>2</sup> "s" and 0.75 mm <sup>2</sup> – 1.5 mm <sup>2</sup> "Insulated ferrule, 12 mm"		⊙ can be connected: 0.25 mm <sup>2</sup> – 4 mm <sup>2</sup> "s + f-st"; can be pushed in directly: 0.75 mm <sup>2</sup> – 4 mm <sup>2</sup> "s" and 0.75 mm <sup>2</sup> – 2.5 mm <sup>2</sup> "Insulated ferrules, 12 mm"		⊙ can be connected: 0.5 mm <sup>2</sup> – 6 mm <sup>2</sup> "s + f-st"; can be pushed in directly: 1 mm <sup>2</sup> – 6 mm <sup>2</sup> "s" and 0.75 mm <sup>2</sup> – 4 mm <sup>2</sup> "Insulated ferrule, 12 mm"	
<b>Item-specific accessories</b>		<b>Item-specific accessories</b>		<b>Item-specific accessories</b>	
<b>End plate, 1.5 mm/0.059 in thick</b>		<b>End plate, 1.5 mm/0.059 in thick</b>		<b>End plate, 1.5 mm/0.059 in thick</b>	
 grey	<b>2002-541</b> 100 (4 x 25)	 grey	<b>2002-541</b> 100 (4 x 25)	 grey	<b>2004-541</b> 100 (4 x 25)
<b>WMB Multi marking card, 10 strips with 10 markers each, white with black printing, 4 – 4.2 mm/0.157 - 0.165 in wide</b>		<b>WMB Multi marking card, 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide</b>		<b>WMB Multi marking card, 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide</b>	
 <b>793-4 . . .</b>	5 cards	 <b>793-5 . . .</b>	5 cards	 <b>793-5 . . .</b>	5 cards
 <b>794-4 . . .</b>	5 cards	 <b>794-5 . . .</b>	5 cards	 <b>794-5 . . .</b>	5 cards
see Full Line Catalog W4 volume 1, section 14		see Full Line Catalog W4 volume 1, section 14		see Full Line Catalog W4 volume 1, section 14	






Snapping together of connectors and spacers to assemble a multi-pole connector



Wire connection: Screwdriver actuation for connection of all conductor types, i.e. stripped stranded conductors, or push-in connection of solid or ferruled stranded conductors.






Snapping on a strain relief plate

Accessories for TOPJOB <sup>®</sup> S connectors		appropriate marker system <b>WMB/Marker strips</b> (see Full Line Catalog W4 volume 1, section 14)	
<b>Test plug, with cable 500-mm/17.7"</b>	<b>Strain relief plate, grey</b>	<b>Marker strips, white, plain, on roll</b>	
2.3 mm/0.091 in Ø	snappable onto connector strips	11 mm /0.039 in wide	
 yellow <b>210-137</b>		50 m <b>2009-110</b>	1
50 (5 x 10)			
<b>Test plug, with cable 500-mm/17.7"</b>	6 mm /0.236 in wide <b>734-327</b>	100 (4 x 25)	
2 mm/0.079 in Ø	12.5 mm /0.492 in wide <b>734-328</b>	100 (4 x 25)	
 red <b>210-136</b>	25 mm /0.984 in wide <b>734-329</b>	100 (4 x 25)	
50 (5 x 10)	35 mm /1.378 in wide <b>734-326</b>	100 (4 x 25)	
		<b>Marker strips, white, plain, on roll</b>	
		11 mm /0.039 in wide	
		300 m <b>2009-130</b>	1




# TOPJOB<sup>®</sup>S

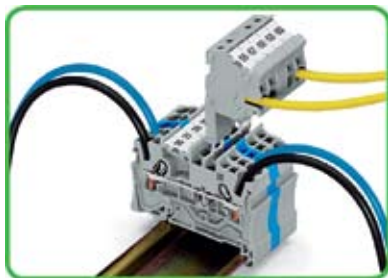
## Connector Strips with CAGE CLAMP<sup>®</sup>S Connection

### Series 2001/2002/2004



<b>0.25 – 1.5 (2.5) mm<sup>2</sup></b> 500 V/6 kV/3 18 A Terminal block width 4.2 mm / 0.165 in  9 – 11 mm / 0.39 in ⚡ pending	<b>AWG 22 – 14</b> 300 V, 15 A ⚡ 300 V, 15 A Ⓢ	<b>0.25 – 2.5 (4) mm<sup>2</sup> ⊕</b> 500 V/6 kV/3 24 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in ⚡ pending	<b>AWG 22 – 12</b> 300 V, 20 A ⚡ 300 V, 20 A Ⓢ	<b>0.5 – 4 (6) mm<sup>2</sup> ⊕</b> 500 V/6 kV/3 32 A Terminal block width 6.2 mm / 0.244 in  11 – 13 mm / 0.47 in ⚡ pending	<b>AWG 20 – 10</b> 300 V, 30 A ⚡ 300 V, 30 A Ⓢ
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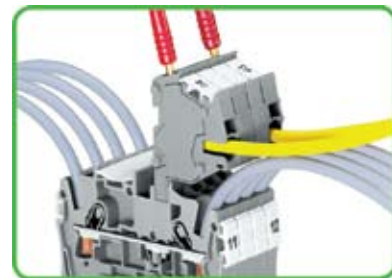


Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>Modular TOPJOB<sup>®</sup>S connector strips with CAGE CLAMP<sup>®</sup>S connection, modular, grey,</b>		<b>Modular TOPJOB<sup>®</sup>S connector strips with CAGE CLAMP<sup>®</sup>S connection, modular, grey,</b>		<b>Modular TOPJOB<sup>®</sup>S connector strips with CAGE CLAMP<sup>®</sup>S connection, modular, grey,</b>	
2-pole	<b>2001-552</b>	2-pole	<b>2002-552</b>	2-pole	<b>2004-552</b>
3-pole	<b>2001-553</b>	3-pole	<b>2002-553</b>	3-pole	<b>2004-553</b>
4-pole	<b>2001-554</b>	4-pole	<b>2002-554</b>	4-pole	<b>2004-554</b>
5-pole	<b>2001-555</b>	5-pole	<b>2002-555</b>	5-pole	<b>2004-555</b>
6-pole	<b>2001-556</b>	6-pole	<b>2002-556</b>		
7-pole	<b>2001-557</b>	7-pole	<b>2002-557</b>		
8-pole	<b>2001-558</b>	8-pole	<b>2002-558</b>		
9-pole	<b>2001-559</b>	9-pole	<b>2002-559</b>		
10-pole	<b>2001-560</b>	10-pole	<b>2002-560</b>		
can be connected: 0.25 mm <sup>2</sup> – 2.5 mm <sup>2</sup> "s + f-st"; can be pushed in directly: 0.5 mm <sup>2</sup> – 2.5 mm <sup>2</sup> "s" and 0.75 mm <sup>2</sup> – 1.5 mm <sup>2</sup> "Insulated ferrule, 12 mm"		⊕ can be connected: 0.25 mm <sup>2</sup> – 4 mm <sup>2</sup> "s + f-st"; can be pushed in directly: 0.75 mm <sup>2</sup> – 4 mm <sup>2</sup> "s" and 0.75 mm <sup>2</sup> – 2.5 mm <sup>2</sup> "Insulated ferrules, 12 mm"		⊕ can be connected: 0.5 mm <sup>2</sup> – 6 mm <sup>2</sup> "s + f-st"; can be pushed in directly: 1 mm <sup>2</sup> – 6 mm <sup>2</sup> "s" and 0.75 mm <sup>2</sup> – 4 mm <sup>2</sup> "Insulated ferrule, 12 mm"	
<b>Item-specific accessories</b>		<b>Item-specific accessories</b>		<b>Item-specific accessories</b>	
<b>WMB Multi marking card</b> , 10 strips with 10 markers each, white with black printing, 4 – 4.2 mm/0.157 - 0.165 in wide  <b>793-4 . . .</b> 5 cards <b>794-4 . . .</b> 5 cards see Full Line Catalog W4 volume 1, section 14		<b>WMB Multi marking card</b> , 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide  <b>793-5 . . .</b> 5 cards <b>794-5 . . .</b> 5 cards see Full Line Catalog W4 volume 1, section 14		<b>WMB Multi marking card</b> , 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide  <b>793-5 . . .</b> 5 cards <b>794-5 . . .</b> 5 cards see Full Line Catalog W4 volume 1, section 14	








The modular connectors provide an additional connection option for conductors of the same cross section range as the terminal blocks being used.

<b>Miniature WSB Quick marking card</b> , 10 strips with 10 markers each, white with black printing, 5 mm / 0.197 in wide  <b>248- . . .</b> 5 cards <b>249- . . .</b> 5 cards see Full Line Catalog W4 volume 1, section 14	
<b>WMB Inline</b> , pitch 5 mm/0.197 in, stretchable  5 mm – 5.2 mm/0.197 in – 0.205 in, on roll, 1,500 markers with <b>2009-115</b> 1	



The connector has a test socket for 2 mm/0.079 in or 2.3 mm/0.091 in test plugs.

<b>Accessories for TOPJOB<sup>®</sup>S connectors</b>			appropriate marker system <b>WMB/Marker strips</b> (see Full Line Catalog W4 volume 1, section 14)		
 <b>Test plug</b> , with cable 500-mm/17.7" 2.3 mm/0.091 in Ø yellow <b>210-137</b> 50 (5 x 10)	 <b>Strain relief plate</b> , grey snappable onto connector strips		 <b>Marker strips</b> , withe, plain, on roll 11 mm / 0.039 in wide 50 m <b>2009-110</b> 1		
 <b>Test plug</b> , with cable 500-mm/17.7" 2 mm/0.079 in Ø red <b>210-136</b> 50 (5 x 10)	6 mm / 0.236 in wide <b>734-327</b> 100 (4 x 25) 12.5 mm / 0.492 in wide <b>734-328</b> 100 (4 x 25) 25 mm / 0.984 in wide <b>734-329</b> 100 (4 x 25) 35 mm / 1.378 in wide <b>734-326</b> 100 (4 x 25)		 <b>Marker strips</b> , withe, plain, on roll 11 mm / 0.039 in wide 300 m <b>2009-130</b> 1		

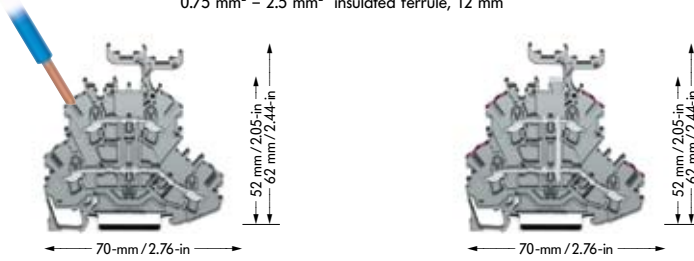
# TOPJOB® S

## Double Deck Terminal Blocks 2.5 (4) mm<sup>2</sup> /AWG 12

### Series 2002

0.25 – 2.5 (4) mm <sup>2</sup> 500 V/6 kV/3 24 A	AWG 22 – 12 300/600 V, 20/5 A 600 V, 20 A	0.25 – 2.5 (4) mm <sup>2</sup> 500 V/6 kV/3 24 A	AWG 22 – 12 300/600 V, 20/5 A 600 V, 20 A
Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in 		Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in 	

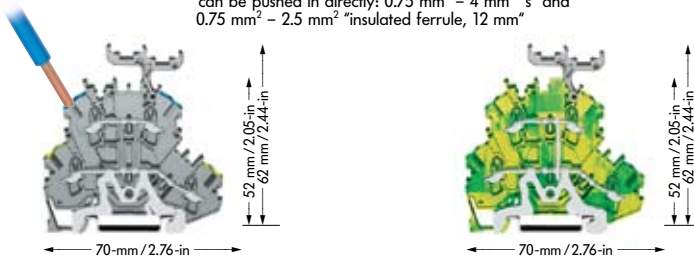
can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s + f-st";  
can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and  
0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"



Item No.	Item No.	Pack.-unit pcs	Item No.	Item No.	Pack.-unit pcs		
<b>Double deck terminal blocks, for DIN 35 rail</b>			<b>Double deck terminal blocks, for DIN 35 rail</b>				
<b>Through-/through terminal blocks,</b>			<b>4-conductor through terminal block, internal commoning,</b>				
housing color grey			housing color grey, conductor entry position colored in violet				
Marking carrier with		without	Marking carrier with		without		
L/L	2002-2231	2002-2201	50	L	2002-2238	2002-2208	50
N/L	2002-2232	2002-2202	50	<b>4-conductor through terminal block,</b>			
L/N	2002-2233	2002-2203	50	internal commoning, housing color blue,			
Housing color blue			conductor entry position colored in violet				
N/N	2002-2234	2002-2204	50	N	2002-2239	2002-2209	50
applications are being prepared			applications are being prepared				
Suitable for Ex i applications			Suitable for Ex i applications				



can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s + f-st";  
can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and  
0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"



Item No.	Item No.	Pack.-unit pcs	Item No.	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>Double deck terminal blocks, for DIN 35 rail</b>			<b>Double deck terminal blocks, for DIN 35 rail</b>				
<b>Ground (earth) conductor/through terminal block,</b>			<b>4-conductor ground (earth) terminal block,</b>				
housing color grey			internal commoning				
Housing color grey			Housing color green-yellow				
Marking carrier with		without	Marking carrier with		without		
PE/N	2002-2247	2002-2217	50	PE	2002-2237	2002-2207	50
PE/L	2002-2257	2002-2227	50				
applications are being prepared			applications are being prepared				

#### Accessories

Appropriate marking system **WMB/marker strips/WMB Inline** (see page 54-57)



<b>End and intermediate plate, 0.8 mm/0.032 in thick</b> orange <b>2002-2292</b> 100 (4 x 25) grey <b>2002-2291</b> 100 (4 x 25)	<b>Two-way marking adapter,</b> pivotable <b>2002-121</b> 50 (4 x 25)	<b>Protective warning marker, with high voltage symbol,</b> for 5 terminal blocks yellow <b>2002-115</b> 100 (4 x 25)
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub></b> 2-way <b>2002-402</b> 200 (8 x 25) 3-way <b>2002-403</b> 200 (8 x 25) 4-way <b>2002-404</b> 200 (8 x 25) 5-way <b>2002-405</b> 100 (4 x 25) : : 10-way <b>2002-410</b> 100 (4 x 25)	<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub></b> 1 - 3 <b>2002-433</b> 200 (8 x 25) 1 - 4 <b>2002-434</b> 200 (8 x 25) 1 - 5 <b>2002-435</b> 100 (4 x 25) : : 1 - 10 <b>2002-440</b> 100 (4 x 25)	<b>Marker strips, white, plain, for central marking,</b> 11 mm/0.433 in wide, on roll 50 m <b>2009-110</b> 1 300 m <b>2009-130</b> 1
		<b>Insulation stop, see page 15</b>



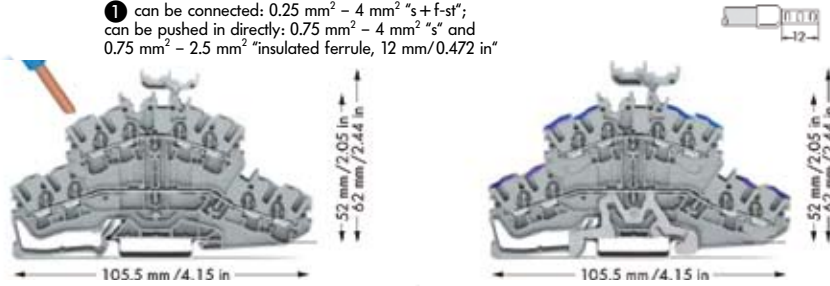
# TOPJOB®S

## Double Deck Terminal Blocks 2.5 (4) mm<sup>2</sup> /AWG 12

### Series 2002

<b>0.25 – 2.5 (4) mm<sup>2</sup> ①</b> AWG 22 – 12 800 V/8 kV/3 I <sub>N</sub> 24 A Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	<b>0.25 – 2.5 (4) mm<sup>2</sup> ①</b> AWG 22 – 12 800 V/8 kV/3 I <sub>N</sub> 24 A Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in
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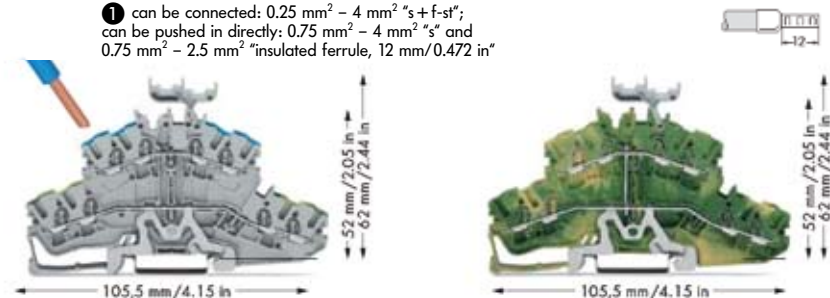
① can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s + f-st";  
 can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and  
 0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm/0.472 in"



Item no.	Item no.	Pack.-unit pcs	Item no.	Item no.	Pack.-unit pcs
<b>4-cond. double deck terminal blocks, for DIN 35 rail</b>			<b>8-cond. double deck terminal block, for DIN 35 rail</b>		
<b>Through/through terminal blocks,</b>			<b>Through terminal block, internal commoning,</b>		
housing color gray			housing color gray, conductor entry position colored in violet		
Marker carrier with			Marker carrier with		
L/L	2002-2431	without 2002-2401 50	L	2002-2438	without 2002-2408 50
N/L	2002-2432	2002-2402 50			
L/N	2002-2433	2002-2403 50			
Housing color blue			Through terminal block, internal commoning,		
N/N			housing color blue, conductor entry position colored in violet		
	2002-2434 ②	2002-2404 ② 50	N	2002-2439 ②	2002-2409 ② 50
Ex approvals in preparation			Ex approvals in preparation		
② Suitable for Ex i applications			② Suitable for Ex i applications		









① can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s + f-st";  
 can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and  
 0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm/0.472 in"



Item no.	Item no.	Pack.-unit pcs	Item no.	Item no.	Pack.-unit pcs	Item no.	Pack.-unit pcs
<b>4-cond. double deck terminal blocks, for DIN 35 rail</b>			<b>8-cond. double deck terminal block, for DIN 35 rail</b>				
<b>Ground (earth) conductor/through terminal blocks,</b>			<b>Ground (earth) conductor terminal block,</b>				
housing color gray			internal commoning, housing color green-yellow				
Marker carrier with			Marker carrier with				
PE/N	2002-2447	without 2002-2417 50	PE	2002-2437	without 2002-2407 50		
PE/L	2002-2457	2002-2427 50					
Ex approvals in preparation			Ex approvals in preparation				

#### Accessories











Appropriate marking systems: WMB/Marker Strips/WMB Inline (see Full Line Catalog W4, Vol. 1, Sec. 14)

<b>End and intermediate plate, 0.8 mm / 0.031 in thick</b>  orange 2002-2492 100 [4 x 25] gray 2002-2491 100 [4 x 25]	<b>Two-way marking adapter, pivotable</b>  2002-121 50 [2 x 25]	<b>Protective warning marker, yellow, with high voltage symbol, for 5 terminal blocks</b>  2002-115 100 [4 x 25]
<b>Push-in type jumper bar, light gray, insulated, I<sub>N</sub> 25 A</b>  2-way 2002-402 200 [8 x 25] 3-way 2002-403 200 [8 x 25] 4-way 2002-404 200 [8 x 25] 5-way 2002-405 100 [4 x 25] : : 10-way 2002-410 100 [4 x 25]	<b>Push-in type jumper bar, light gray, insulated, I<sub>N</sub> 25 A</b>  1 - 3 2002-433 200 [8 x 25] 1 - 4 2002-434 200 [8 x 25] 1 - 5 2002-435 100 [4 x 25] : : 1 - 10 2002-440 100 [4 x 25]	<b>Marker strips, white, plain, on roll</b>  11 mm / 0.039 in wide 50 m 2009-110 1 300 m 2009-130 1 See TOPJOB®S catalog on page 15 see TOPJOB®S catalog on page 17

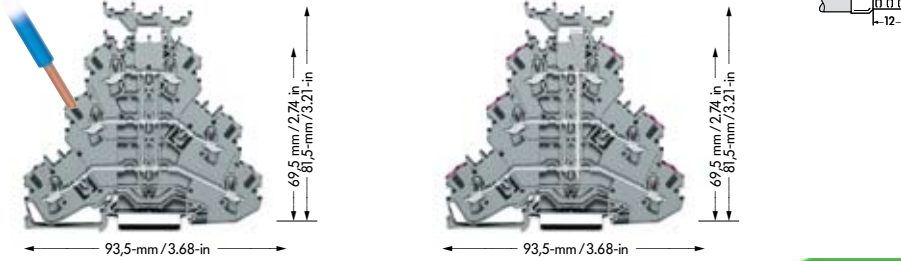
# TOPJOB® S





## Triple Deck Terminal Blocks 2.5 (4) mm<sup>2</sup> / AWG 12

### Series 2002

0.25 – 2.5 (4) mm <sup>2</sup> 500 V/6 kV/3 24 A Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in 	AWG 22 – 12 300/600 V, 20/5 A  600 V, 20 A 	0.25 – 2.5 (4) mm <sup>2</sup> 500 V/6 kV/3 24 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in 	AWG 22 – 12 300/600 V, 20/5 A  600 V, 20 A 	0.25 – 2.5 (4) mm <sup>2</sup> 500 V/6 kV/3 24 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in 	AWG 22 – 12
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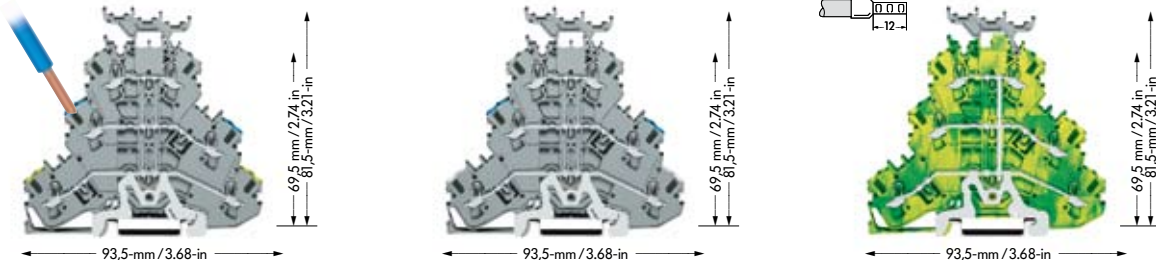
can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s + f-st";  
can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and 0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"






Item No.	Item No.	Pack.-unit pcs	Item No.	Item No.	Pack.-unit pcs
<b>Triple deck terminal blocks, for DIN 35 rail</b>			<b>Triple deck terminal block, for DIN 35 rail</b>		
<b>Through-/through-/through terminal blocks,</b>			<b>6-conductor through terminal block, internal commoning,</b>		
housing color grey			housing color grey, conductor entry position colored in violet		
Marking carrier with		without	Marking carrier with		without
L/L/L	2002-3231	2002-3201	50	L	2002-3238
L/L/N	2002-3233	2002-3203	50		2002-3208
Housing color blue			<b>6-conductor through terminal block,</b>		
N/N/N			2002-3234	2002-3204	50
			internal commoning, housing color blue,		
			conductor entry position colored in violet		
			N		2002-3239
					2002-3209
			50		
 applications are being prepared			 applications are being prepared		
 Suitable for Ex i applications			 Suitable for Ex i applications		









can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s + f-st";  
can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and 0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"



Item No.	Item No.	Pack.-unit pcs	Item No.	Item No.	Pack.-unit pcs	Item No.	Item No.	Pack.-unit pcs			
<b>Triple deck terminal blocks, for DIN 35 rail</b>			<b>Triple deck terminal block, for DIN 35 rail</b>			<b>Triple deck terminal block, for DIN 35 rail</b>					
<b>Ground (earth)/through/through terminal blocks,</b>			<b>Shield (screen)/through/through terminal blocks,</b>			<b>6-conductor ground (earth) terminal block,</b>					
housing color grey			housing color grey			internal commoning					
Marking carrier with		without	Marking carrier with		without	Marking carrier with		without			
PE/N/L	2002-3247	2002-3217	50	Schirm/N/L	2002-3248	2002-3218	50	PE	2002-3237	2002-3207	50
PE/L/L	2002-3257	2002-3227	50	Schirm/L/L	2002-3258	2002-3228	50				
 applications are being prepared			 applications are being prepared			 applications are being prepared					




#### Accessories

Appropriate marking system **WMB/marker strips/WMB Inline** (see page 54-57)

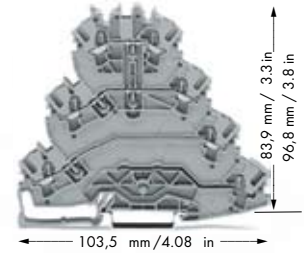
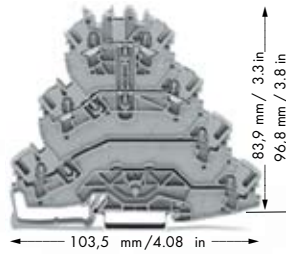
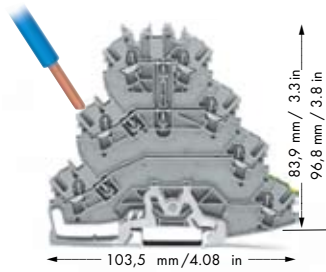
	orange 2002-3292 100 (4 x 25) grey 2002-3291 100 (4 x 25)		pivotable 2002-131 50 (4 x 25)		with high voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4 x 25)
	2-way 2002-402 200 (8 x 25) 3-way 2002-403 200 (8 x 25) 4-way 2002-404 200 (8 x 25) 5-way 2002-405 100 (4 x 25) : : 10-way 2002-410 100 (4 x 25)		light grey, insulated, I <sub>N</sub> 1 - 3 2002-433 200 (8 x 25) 1 - 4 2002-434 200 (8 x 25) 1 - 5 2002-435 100 (4 x 25) : : 1 - 10 2002-440 100 (4 x 25)		white, plain, for central marking, 11 mm/0.433 in wide, on roll 50 m 2009-110 1 300 m 2009-130 1
				<b>Insulation stop, see page 15</b>	

# TOPJOB® S

## 4 Level Terminal Block and Motor Connection Terminal Block 2.5(4) mm<sup>2</sup>/AWG 12 Series 2002

<b>0.25 – 2.5 (4) mm<sup>2</sup> ①</b>   <b>AWG 22 – 12</b> <b>800 V/8 kV/3</b> <b>I<sub>N</sub> 24 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b>	<b>0.25 – 2.5 (4) mm<sup>2</sup> ①</b>   <b>AWG 22 – 12</b> <b>800 V/8 kV/3</b> <b>I<sub>N</sub> 24 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b>	<b>0.25 – 2.5 (4) mm<sup>2</sup> ①</b>   <b>AWG 22 – 12</b> <b>800 V/8 kV/3</b> <b>I<sub>N</sub> 24 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b>
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① can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "e+f"; can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "e" and 0.5 mm<sup>2</sup> – 0.75 mm<sup>2</sup> "insulated ferrule, 10 mm/0.393 in"



Item no.	Pack. unit	Item no.	Pack. unit	Item no.	Pack. unit
<b>Motor connection terminal block</b>		<b>Motor connection terminal block</b>		<b>Motor connection terminal block</b>	
<b>or</b>		<b>or</b>		<b>or</b>	
<b>4 level terminal block, for TS35 rail, gray</b>		<b>4 level terminal block, for TS35 rail, gray</b>		<b>4 level terminal block, for TS35 rail, gray</b>	
L1 - L2 - L3 - PE		L1 - L2		L1 - L2 - L3	
Marking adapter		Marking adapter		Marking adapter	
without	<b>2002-4127</b> 50	without	<b>2002-4111</b> 50	without	<b>2002-4101</b> 50
with	<b>2002-4157</b> 50	with	<b>2002-4141</b> 50	with	<b>2002-4131</b> 50

### Accessories

Appropriate marking systems: **WMB/Marker Strips** (see Full Line Catalog W4, Vol. 1, Sec. 14)

#### End and intermediate plate, 1 mm thick



orange **2002-4192** 100 (4 x 25)  
 gray **2002-4191** 100 (4 x 25)

#### Installation stop, 5 pcs/strip



light gray **2002-171** 0.25-0.5 mm<sup>2</sup>  
 gray **2002-172** 0.75-1 mm<sup>2</sup>

#### Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A



2- **2002-402** 200 (8 x 25)  
 3- **2002-403** 200 (8 x 25)  
 4- **2002-404** 200 (8 x 25)  
 5- **2002-405** 100 (4 x 25)  
 :  
 :  
 10- **2002-410** 100 (4 x 25)

#### Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A

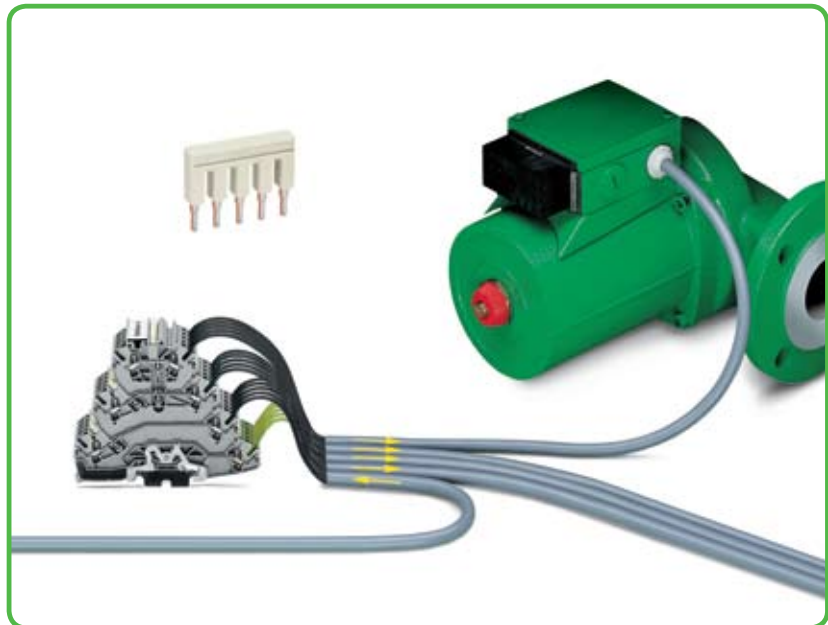


1-3 **2002-433** 200 (8 x 25)  
 1-4 **2002-434** 200 (8 x 25)  
 1-5 **2002-435** 100 (4 x 25)  
 :  
 :  
 1-10 **2002-440** 100 (4 x 25)

#### Protective warning marker, with high voltage symbol, for 5 terminal blocks



yellow **2002-115** 100 (4 x 25)





# TOPJOB<sup>®</sup>S



Very compact dimensions provide maximum wiring space in standard distribution boxes. The 2003 Series multilevel installation terminal blocks are the smallest terminal blocks with direct insertion wire connection on the market providing the full functionality of a 4 mm<sup>2</sup> terminal block.



Push-in type jumper bars with breakable contact lugs offer the same benefits to the TOPJOB<sup>®</sup>S installation terminal blocks as to the rail-mounted terminal blocks (e.g. individual jumper configuration on site, skipping of potentials, etc.).

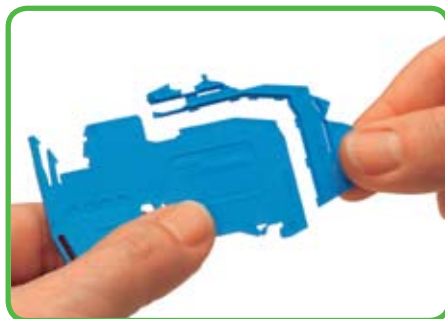


Screwless N-disconnect slide link for automatic and safe connection onto the N-busbar by simply sliding the link.



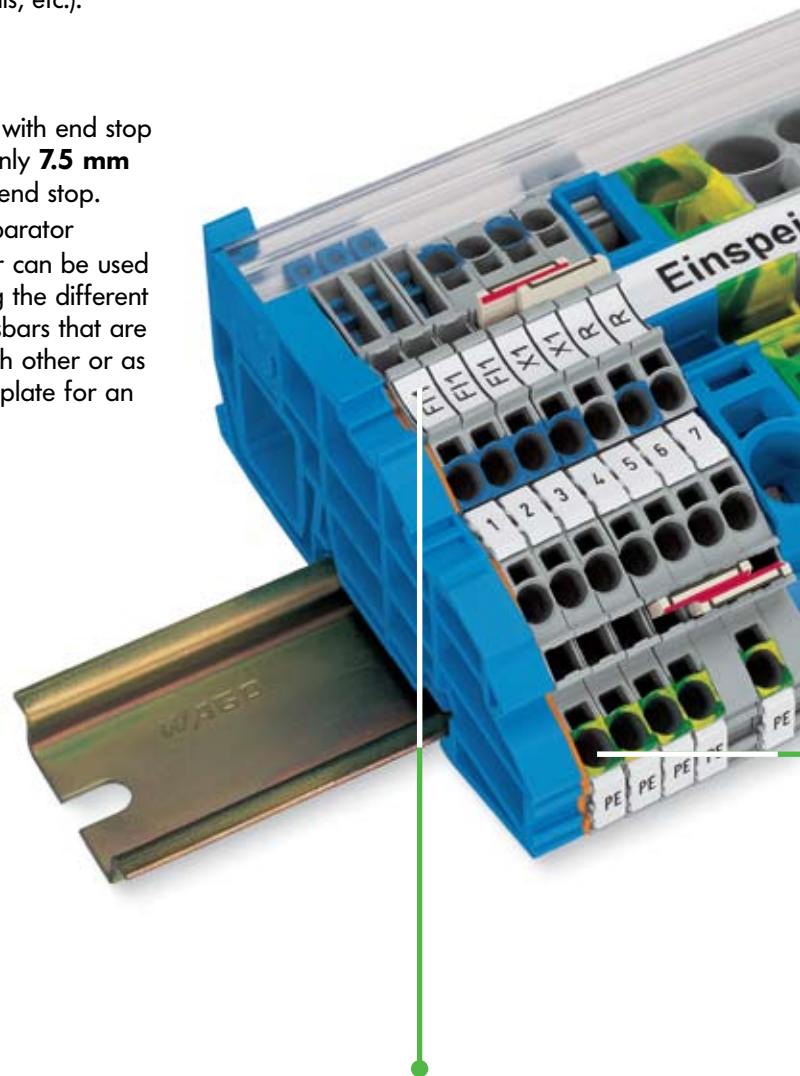
The busbar carrier with end stop function, which is only **7.5 mm wide** can replace end stop.

The detachable separator plate on the carrier can be used both for separating the different potentials of N-busbars that are directly next to each other or as a touch-proof end plate for an N-busbar.



The compact busbar carrier, which is placed every 200 mm, is used to additionally support the busbar on a long assembly.

Perforations make it possible to fit the carrier to all TOPJOB<sup>®</sup>S installation terminal blocks using a single part.



Each connection point has an individual marker receptacle for WMB markers. Additionally, the upper marker receptacle is suitable for marker strips that can be marked manually using a marker pen or automatically by a thermal transfer printer.



The optional busbar transparent cover (item no. 777-303) protects the busbar against accidental contact and makes it easy to see which terminal blocks are connected to the busbar.

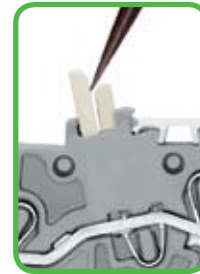


Commoning is done using the new staggered jumper system in one single TOPJOB®S jumper slot. The multilevel installation terminal blocks of Series 2003 are therefore suitable for use in very confined spaces.



#### Removal of staggered jumpers

Insert the screwdriver blade between the jumpers and lift them up.



#### TOPJOB®S – The range of terminal blocks for all types of applications.

- The direct connection of solid wires in small distribution boxes saves time and money.
- Operating errors can be prevented as all types of terminal blocks for building installation are equipped with push-in connection technology.
- Terminal blocks for building installation expand circuit design possibilities.
- The use of standard accessories reduces order-processing and stock-holding costs.
- A high level of application safety is achieved through optimum knowledge of the small range of parts.
- As the position of the busbars is the same, the new TOPJOB®S installation terminal blocks are compatible with standard TopJob installation terminal blocks.



**Environmentally friendly:**  
TOPJOB®S terminal blocks are **100% lead-free!**





The conductor entry holes of the multilevel installation terminal blocks are color marked, providing a clear arrangement of the terminals.

The grounding foot automatically guarantees a safe connection to the carrier rail.

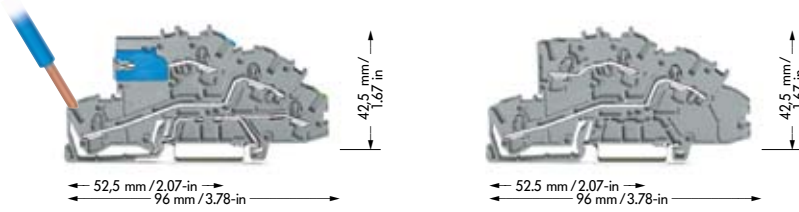
# TOPJOB® S

## Multilevel Installation Terminal Blocks 4 mm<sup>2</sup>/AWG 12

### Series 2003

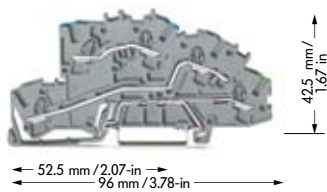
<b>0.25 – 2.5 (4) mm<sup>2</sup></b> <b>250 V/4 kV @ 3</b> <b>400 V/6 kV @ 3</b> <b>32 A</b> Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b>	<b>0.25 – 2.5 (4) mm<sup>2</sup></b> <b>400 V/6 kV/3</b> <b>32 A</b> Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b>	<b>Accessories for 2003 Series multilevel installation terminal blocks and 2002/2006/2016 Series N-conductor disconnect terminal blocks</b>
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can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s + f-st";  
 can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and  
 0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>Multilevel installation terminal block, grey with N-disconnect slide link</b>		<b>Multilevel installation terminal blocks, grey</b>	
NT/L/PE	<b>2003-7641</b>	L/L	<b>2003-7642</b>
	50	N/L	<b>2003-7649</b>
			50

② Potential-Ground ③ Potential-Potential



Item No.	Pack.-unit pcs
<b>Multilevel installation terminal blocks, grey</b>	
N/L/PE	<b>2003-7646</b>
L/L/PE	<b>2003-7645</b>

#### Commoning using staggered jumpers

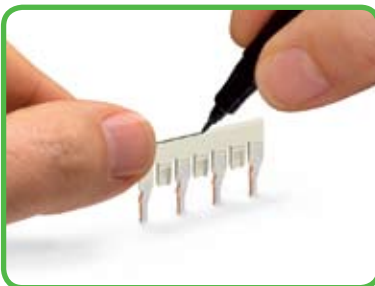
Individual jumper contacts can be broken off by bending them. The remaining piece of insulation meets the requirements for the air and creepage distance.

This makes it possible to create custom staggered jumpers, e.g. for bridging over a terminal block with a different potential. When creating the jumpers, make sure that only one contact lug is in contact with the terminal block.

That way, staggered jumpers are created whose contact lugs will make contact to the terminal block in the gaps of the second jumper. Insert the jumper into the jumper slot up to the stop.



**Staggered jumper with 7 contacts**  
 Breaking off contact lugs



**Staggered jumper 1 – 3 – 5 – 7**  
 Marking with a felt tip pen



**Two staggered jumpers 1 – 3 – 5 – 7**  
 staggered for use in a jumper slot



Locate red stripes of the staggered jumpers on the inside

	Item No.	Pack.-unit pcs
<b>End and intermediate plate,</b> 1 mm / 0.039 in thick orange	<b>2003-7692</b>	100 (4 x 25)
<b>Busbar carrier,</b> for DIN rail 35 (not suitable for use as end stop) 1.5 mm / 0.059 in thick blue	<b>2009-304</b>	100 (4 x 25)
<b>Busbar carrier with end stop function and detachable separator plate,</b> for DIN rail 35; 7.5 mm / 0.295 in thick blue	<b>2009-305</b>	25
<b>N-busbar, tinned</b>		
Copper 10 mm x 3 mm, I <sub>N</sub> 140 A, 1000 mm / 39.37 in long	<b>210-133</b>	1
<b>Cover for N-busbar</b>		
transparent 1000 mm / 39.37 in long	<b>777-303</b>	1
<b>Neutral supply terminal block,</b> I <sub>N</sub> 76 A, 16 mm <sup>2</sup> , blue 12 mm wide	<b>2016-7114</b>	25
<b>Ground (earth) supply terminal block,</b> I <sub>N</sub> 76 A, 16 mm <sup>2</sup> , green-yellow, 12mm wide	<b>2016-1207</b>	20
<b>Connector, with blue cover,</b> for N-busbar 2.5 mm <sup>2</sup> – 16 mm <sup>2</sup>	<b>210-281</b>	100 (2 x 50)
<b>Connector, uninsulated,</b> for N-busbar 2.5 mm <sup>2</sup> – 35 mm <sup>2</sup>	<b>209-105</b>	50 (2 x 25)
<b>Push-in type jumper bars,</b> light grey, insulated, I <sub>N</sub> 25 A		
2-way	<b>2002-402</b>	200 (8 x 25)
3-way	<b>2002-403</b>	200 (8 x 25)
4-way	<b>2002-404</b>	200 (8 x 25)
5-way	<b>2002-405</b>	100 (4 x 25)
:	:	:
10-way	<b>2002-410</b>	100 (4 x 25)
<b>Push-in type jumper bars,</b> light grey, insulated, I <sub>N</sub> 25 A		
1 - 3	<b>2002-433</b>	200 (8 x 25)
1 - 4	<b>2002-434</b>	200 (8 x 25)
1 - 5	<b>2002-435</b>	100 (4 x 25)
:	:	:
1 - 10	<b>2002-440</b>	100 (4 x 25)
<b>Staggered jumper,</b> light grey, insulated, I <sub>N</sub> 25 A		
2-way	<b>2002-472</b>	100 (4 x 25)
3-way	<b>2002-473</b>	100 (4 x 25)
4-way	<b>2002-474</b>	100 (4 x 25)
5-way	<b>2002-475</b>	50 (2 x 25)
:	:	:
12-way	<b>2002-482</b>	50 (2 x 25)
<b>Test plug,</b> 2 mm / 0.079 in Ø	<b>210-136</b>	50 (5 x 10)
<b>Test plug adapter,</b> for test plug 4 mm / 0.157 in Ø	<b>2009-174</b>	100 (4 x 25)
<b>Testing tap,</b> for max. 2.5 mm <sup>2</sup>	<b>2009-182</b>	100 (4 x 25)

**TOPJOB®S**  
**Multilevel Installation Terminal Blocks 4 mm<sup>2</sup>/AWG 12**  
**Series 2003**



**Commoning using staggered jumpers**

Individual jumper contacts can be broken off by bending them. The remaining piece of insulation meets the requirements for the air and creepage distance.

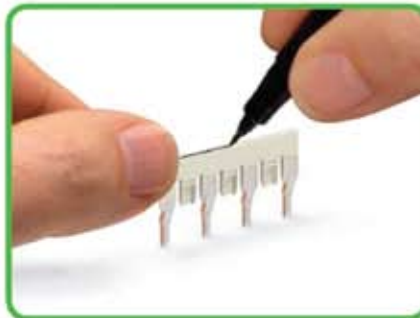
This makes it possible to create custom staggered jumpers, e.g. for bridging over a terminal block with a different potential. When creating the jumpers, make sure that only one contact lug is in contact with the terminal block.

That way, staggered jumpers are created whose contact lugs will make contact to the terminal block in the gaps of the second jumper. Insert the jumper into the jumper slot up to the stop.

**Can also be used on 2002 series terminal blocks.**



**Staggered jumper with 7 contacts**  
 Breaking off contact lugs



**Staggered jumper 1 - 3 - 5 - 7**  
 Marking with a felt-tip pen



**Two staggered jumpers 1 - 3 - 5 - 7** Locate red stripes of the staggered jumpers on the inside  
 Staggered for use in a jumper slot






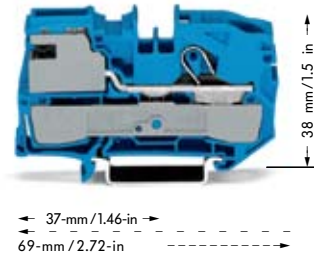
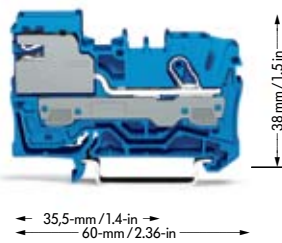
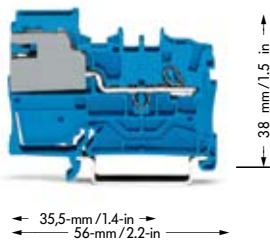




# TOPJOB®S

## N-Disconnect Terminal Blocks and Power Distribution Disconnect Terminal Blocks Series 2002, 2006 and 2016

<b>0.25 – 2.5 (4) mm<sup>2</sup></b> 250 V/4 kV/3 32 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b>	<b>0.5 – 6 (10) mm<sup>2</sup></b> 250 V/4 kV/3 51 A Terminal block width 7,5 mm / 0.295 in  13 – 15 mm / 0.55 in	<b>AWG 20 – 8</b>	<b>0.5 – 16 (25 "µ") mm<sup>2</sup></b> 250 V/4 kV/3 76 A Terminal block width 12 mm / 0.472 in  18 – 20 mm / 0.75 in	<b>AWG 20 – 4</b>
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>1-conductor N-disconnect terminal block</b>		<b>1-conductor N-disconnect terminal block</b>		<b>1-conductor N-disconnect terminal block</b>	
blue <b>2002-7114</b> ②	50	blue <b>2006-7114</b> ②	50	blue <b>2016-7114</b> ②	25
<b>1-conductor power distribution disconnect terminal block</b>		<b>1-conductor power distribution disconnect terminal block</b>		<b>1-conductor power distribution disconnect terminal block</b>	
grey <b>2002-7111</b> ③	50	grey <b>2006-7111</b> ③	50	grey <b>2016-7111</b> ③	25
<b>End and intermediate plate, 0.8 mm / 0.031 in thick</b>		<b>End and intermediate plate, 1 mm / 0.039 in thick</b>		<b>End and intermediate plate, 1 mm / 0.039 in thick</b>	
orange <b>2002-7192</b>	100 (4 x 25)	orange <b>2006-7192</b>	100 (4 x 25)	orange <b>2016-7192</b>	100 (4 x 25)
<b>For appropriate through and earth conductor terminal blocks see page 17</b>		<b>For appropriate through and earth conductor terminal blocks see page 17</b>		<b>For appropriate through and earth conductor terminal blocks see page 17</b>	



Testing with test plug Ø 2 mm



Operation of the slide link using a simple screwdriver



Removing the separator plate from the busbar carrier.



Insertion of the separator plate. To protect the N-busbar against accidental contact

see also appropriate through terminal blocks

② For the construction and operation of power installations in fire hazardous locations or public buildings, such as meeting places, stores, hospitals, schools, theaters, hotels etc., the VDE 0100 or VDE 0108-1 standards must be observed. VDE 0100-482 must be observed for fire hazardous locations. Both VDE regulations determine that insulation testing must be possible for every circuit without disconnecting the N-conductor.

WAGO N-disconnect terminal blocks meet this requirement.

③ According to VDE 0107 "Installing and testing electrical installations in medical locations", the equipotential bonding conductors must be connected to a potential equalization busbar. The potential equalization busbar and the protective earth conductor busbar must be accommodated in a common housing and be connected by means of a disconnectable connection using a copper conductor with a minimum cross section of 16 mm<sup>2</sup>. Furthermore, all equipotential bonding conductors must be connected to the potential equalization busbar in such a way that they are clearly arranged, that they can be disconnected individually and accessed at any time and, depending on their function, they must be provided with captive marking.

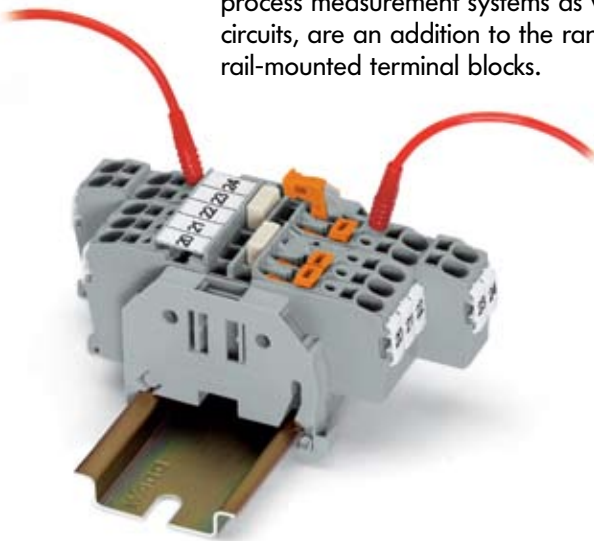
The WAGO power distribution disconnect terminal blocks meet these requirements.



# TOPJOB<sup>®</sup>S

## 2- and 4-conductor disconnect terminal blocks

The 5.2 mm wide 2- and 4-conductor disconnect terminal blocks, that can be used in both control and process measurement systems as well as transformer circuits, are an addition to the range of TOPJOB<sup>®</sup>S rail-mounted terminal blocks.



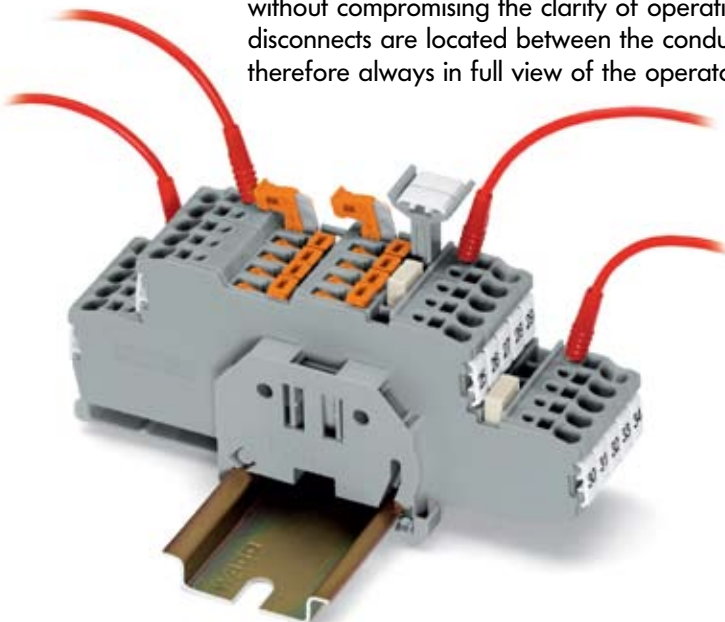
Movable knife disconnects clearly indicate the circuit state.



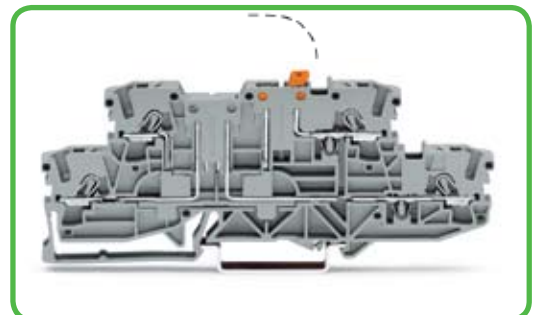
Two lateral and one center marker receptacle for WMB markers or marking strips. Dual jumper slots, in the same position as the other 2002 Series terminal blocks. Commoning options in front of or behind the knife disconnect, depending on which is the power supply side.

## Double deck double disconnect terminal blocks

Disconnect terminal blocks of independent potentials are accommodated on two levels in a double deck disconnect terminal block. This results in a space saving arrangement without compromising the clarity of operation. The knife disconnects are located between the conductors and are therefore always in full view of the operator.









Additional marking option using pivoting marking adapters.

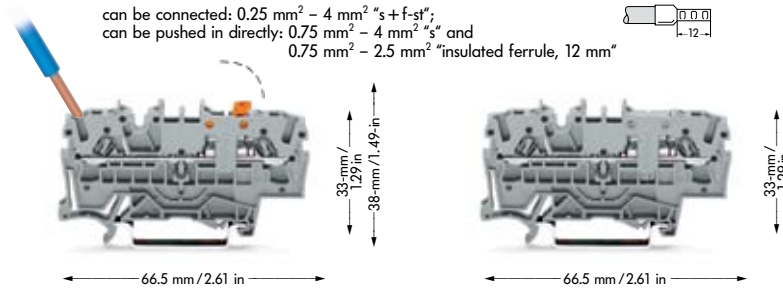



















One disconnect and one through terminal block are accommodated on two levels in a terminal block that is only 5.2 mm wide.

# TOPJOB®S

## Disconnect Terminal Blocks for Test and Measurement with Movable Knife Disconnect and Through Terminal Blocks, Series 2002







<b>0.25 – 2.5 (4) mm<sup>2</sup></b> <b>400 V/6 kV/3</b> <b>16 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b>	<b>AWG 22 – 12</b> <b>300 V, 15 A</b>  <b>300 V, 10 A</b> 	<b>0.25 – 2.5 (4) mm<sup>2</sup></b> <b>400 V/6 kV/3</b> <b>16 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b>	<b>AWG 22 – 12</b> <b>300 V, 15 A</b>  <b>300 V, 10 A</b> 
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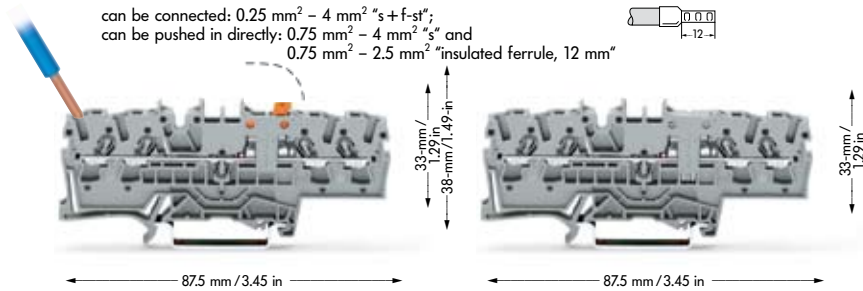








Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>2-conductor disconnect terminal block for test and measurement</b>		<b>2-conductor through terminal blocks, same profile as disconnect terminal block</b>	
grey <b>2002-1671</b> 		grey <b>2002-1601</b> 	
blue <b>2002-1674</b> 		blue <b>2002-1604</b> 	
orange <b>2002-1672</b> 		orange <b>2002-1602</b> 	
<b>Item-specific accessories</b>			
<b>End and intermediate plate, 1 mm/0.039 in thick</b>		<b>End and intermediate plate, 1 mm/0.039 in thick</b>	
 orange <b>2002-1692</b> 100 (4 x 25)		 orange <b>2002-1692</b> 100 (4 x 25)	
		 grey <b>2002-1691</b> 100 (4 x 25)	
<b>Accessories Series 2002</b> appropriate marker system <b>WMB/Marker strips/WMB Inline</b> (see pages 54-57)			
<b>Insulation stop, 5 pcs/strip</b> 200 strips		<b>Protective warning marker,</b>	
 light grey <b>2002-171</b> 0.25-0.5 mm <sup>2</sup>		for 5 terminal blocks	
dark grey <b>2002-172</b> 0.75-1 mm <sup>2</sup>		 yellow <b>2002-115</b> 100 (4 x 25)	
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b>		<b>Staggered jumper, light grey, insulated, I<sub>N</sub> 25 A</b>	
 2-way <b>2002-402</b> 200 (8 x 25)		2-way <b>2002-472</b> 100 (4 x 25)	
3-way <b>2002-403</b> 200 (8 x 25)		3-way <b>2002-473</b> 100 (4 x 25)	
4-way <b>2002-404</b> 200 (8 x 25)		4-way <b>2002-474</b> 100 (4 x 25)	
5-way <b>2002-405</b> 100 (4 x 25)		5-way <b>2002-475</b> 50 (2 x 25)	
:	:	:	
10-way <b>2002-410</b> 100 (4 x 25)		12-way <b>2002-482</b> 50 (2 x 25)	
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b>		<b>Test plug adapter, for test plug 4 mm/0.157 in Ø</b>	
 1 - 3 <b>2002-433</b> 200 (8 x 25)		 <b>2009-174</b> 100 (4 x 25)	
1 - 4 <b>2002-434</b> 200 (8 x 25)			
1 - 5 <b>2002-435</b> 100 (4 x 25)			
:	:		
1 - 10 <b>2002-440</b> 100 (4 x 25)		<b>Testing tap, for max. 2.5 mm<sup>2</sup></b>	
		<b>2009-182</b> 100 (4 x 25)	
<b>Modular TOPJOB®S connector**, for jumper contact slot</b>		<b>Two-way marking adapter, pivotable</b>	
 1 pole <b>2002-511</b> 100 (4 x 25)		 <b>2002-121</b> 50 (4 x 25)	
<b>Spacer, modular</b> <b>2002-549</b> 100 (4 x 25)			
<b>Test plug, with cable 500-mm/17.7"</b>			
 2 mm/0.079 in Ø			
red <b>210-136</b> 50 (5 x 10)			

# TOPJOB® S



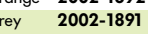
## Disconnect Terminal Blocks for Test and Measurement with Movable Knife Disconnect and Through Terminal Blocks, Series 2002

<b>0.25 – 2.5 (4) mm<sup>2</sup></b> <b>400 V/6 kV/3</b> <b>16 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b>	<b>AWG 22 – 12</b> <b>300 V, 15 A</b>  <b>300 V, 15 A</b> 	<b>0.25 – 2.5 (4) mm<sup>2</sup></b> <b>400 V/6 kV/3</b> <b>16 A</b> <b>Terminal block width 5.2 mm / 0.205 in</b>  <b>10 – 12 mm / 0.43 in</b>	<b>AWG 22 – 12</b> <b>300 V, 15 A</b>  <b>300 V, 15 A</b> 
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


Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>4-conductor disconnect terminal block for test and measurement</b>		<b>4-conductor through terminal blocks, same profile as disconnect terminal block</b>	
grey	<b>2002-1871</b> 	grey	<b>2002-1801</b> 
blue	<b>2002-1874</b> 	blue	<b>2002-1804</b> 
orange	<b>2002-1872</b> 	orange	<b>2002-1802</b> 

### Item-specific accessories

<b>End and intermediate plate, 1 mm/0.039 in thick</b>  orange <b>2002-1892</b> 100 (4 x 25)	<b>End and intermediate plate, 1 mm/0.039 in thick</b>  orange <b>2002-1892</b> 100 (4 x 25)  grey <b>2002-1891</b> 100 (4 x 25)
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








### Accessories Series 2002

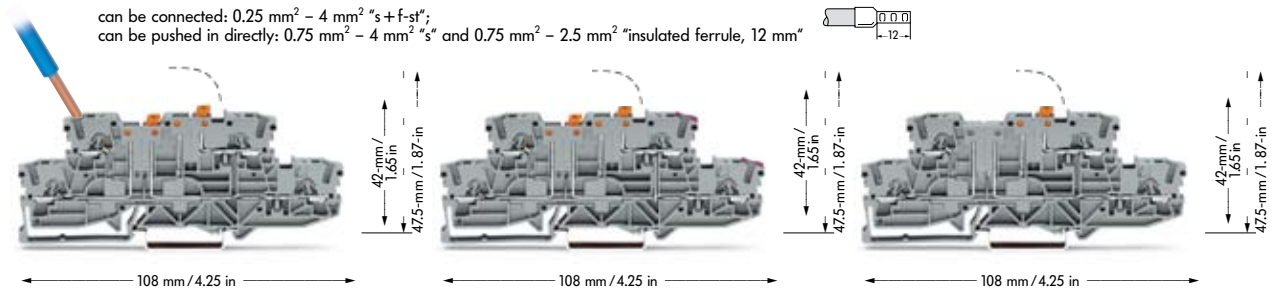
appropriate marker system **WMB/Marker strips/WMB Inline** (see pages 54-57)









<b>Insulation stop, 5 pcs/strip</b> 200 strips  light grey <b>2002-171</b> 0.25-0.5 mm <sup>2</sup> dark grey <b>2002-172</b> 0.75-1 mm <sup>2</sup>	<b>Protective warning marker,</b> for 5 terminal blocks  yellow <b>2002-115</b> 100 (4 x 25)
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b>  2-way <b>2002-402</b> 200 (8 x 25) 3-way <b>2002-403</b> 200 (8 x 25) 4-way <b>2002-404</b> 200 (8 x 25) 5-way <b>2002-405</b> 100 (4 x 25) : 10-way <b>2002-410</b> 100 (4 x 25)	<b>Staggered jumper, light grey, insulated, I<sub>N</sub> 25 A</b>  2-way <b>2002-472</b> 100 (4 x 25) 3-way <b>2002-473</b> 100 (4 x 25) 4-way <b>2002-474</b> 100 (4 x 25) 5-way <b>2002-475</b> 50 (2 x 25) : 12-way <b>2002-482</b> 50 (2 x 25)
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b>  1 - 3 <b>2002-433</b> 200 (8 x 25) 1 - 4 <b>2002-434</b> 200 (8 x 25) 1 - 5 <b>2002-435</b> 100 (4 x 25) : 1 - 10 <b>2002-440</b> 100 (4 x 25)	<b>Test plug adapter, for test plug 4 mm/0.157 in Ø</b>  <b>2009-174</b> 100 (4 x 25)
<b>Modular TOPJOB® S connector**, for jumper contact slot</b>  1 pole <b>2002-511</b> 100 (4 x 25)	<b>Testing tap, for max. 2.5 mm<sup>2</sup></b>  <b>2009-182</b> 100 (4 x 25)
<b>Spacer, modular</b> <b>2002-549</b> 100 (4 x 25)	<b>Two-way marking adapter, pivotable</b>  <b>2002-121</b> 50 (4 x 25)
<b>Test plug, with cable 500-mm/1'77"</b>  2 mm/0.079 in Ø red <b>210-136</b> 50 (5 x 10)	

# TOPJOB®S

## Double Deck Double Disconnect Terminal Blocks for Test and Measurement with Movable Knife Disconnect, Series 2002

<b>0.25 – 2.5 (4) mm<sup>2</sup></b> 400 V/6 kV/3 16 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b> 300 V, 15 A  300 V, 15 A 	<b>0.25 – 2.5 (4) mm<sup>2</sup></b> 400 V/6 kV/3 16 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b> 300 V, 15 A  300 V, 15 A 	<b>0.25 – 2.5 (4) mm<sup>2</sup></b> 400 V/6 kV/3 16 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b> 300 V, 15 A  300 V, 15 A 
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>4-conductor double deck double disconnect terminal blocks</b>		<b>4-conductor double deck double disconnect terminal blocks, lower deck and upper deck internally commoned on right side and with violet marking</b>		<b>4-conductor double deck disconnect terminal blocks, with disconnect on upper deck only, same profile as double deck double disconnect terminal blocks</b>	
grey	<b>2002-2951</b> 	grey	<b>2002-2958</b> 	grey	<b>2002-2971</b> 
blue	<b>2002-2954</b> 	blue	<b>2002-2959</b> 	blue	<b>2002-2974</b> 
grey N/L	<b>2002-2952</b> 			grey N/L	<b>2002-2972</b> 

### Item-specific accessories

<b>End and intermediate plate, 1 mm / 0.039 in thick</b> orange <b>2002-2992</b> 100 (4 x 25) grey <b>2002-2991</b> 100 (4 x 25)	<b>End and intermediate plate, 1 mm / 0.039 in thick</b> orange <b>2002-2992</b> 100 (4 x 25) grey <b>2002-2991</b> 100 (4 x 25)	<b>End and intermediate plate, 1 mm / 0.039 in thick</b> orange <b>2002-2992</b> 100 (4 x 25) grey <b>2002-2991</b> 100 (4 x 25)
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### Accessories Series 2002

appropriate marker system **WMB/Marker strips/WMB Inline** (see pages 54-57)



<b>Insulation stop, 5 pcs/strip</b> light grey <b>2002-171</b> 0.25-0.5 mm <sup>2</sup> dark grey <b>2002-172</b> 0.75-1 mm <sup>2</sup>	<b>Protective warning marker,</b> for 5 terminal blocks yellow <b>2002-115</b> 100 (4 x 25)	<b>Test plug, with cable 500-mm / 17.7"</b> 2 mm / 0.079 in Ø red <b>210-136</b> 50 (5 x 10)
<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b> 2-way <b>2002-402</b> 200 (8 x 25) 3-way <b>2002-403</b> 200 (8 x 25) 4-way <b>2002-404</b> 200 (8 x 25) 5-way <b>2002-405</b> 100 (4 x 25) : 10-way <b>2002-410</b> 100 (4 x 25)	<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b> 1 - 3 <b>2002-433</b> 200 (8 x 25) 1 - 4 <b>2002-434</b> 200 (8 x 25) 1 - 5 <b>2002-435</b> 100 (4 x 25) : 1 - 10 <b>2002-440</b> 100 (4 x 25)	<b>Staggered jumper, light grey, insulated, I<sub>N</sub> 25 A</b> 2-way <b>2002-472</b> 100 (4 x 25) 3-way <b>2002-473</b> 100 (4 x 25) 4-way <b>2002-474</b> 100 (4 x 25) 5-way <b>2002-475</b> 50 (2 x 25) : 12-way <b>2002-482</b> 50 (2 x 25)
<b>Modular TOPJOB®S connector**,</b> for jumper contact slot 1 pole <b>2002-511</b> 100 (4 x 25)	<b>Test plug adapter, for test plug 4 mm / 0.157 in Ø</b> <b>2009-174</b> 100 (4 x 25)	
<b>Spacer, modular</b> <b>2002-549</b> 100 (4 x 25)	<b>Testing tap, for max. 2.5 mm<sup>2</sup></b> <b>2009-182</b> 100 (4 x 25)	

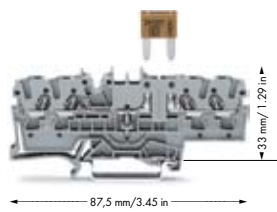
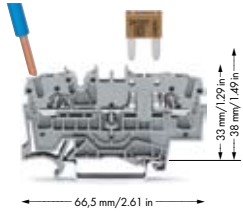


# TOPJOB® S

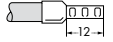
## Fuse Terminal Blocks for Blade-Type Fuses

acc. to DIN 72581-3f, ISO 8820-3, Series 2002

<b>0.25 – 2.5 (4) mm<sup>2</sup> ①</b> 400 V/6 kV/3 I <sub>N</sub> 10 A ② Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b> 300 V, 10 A ③ 300 V, 6.3 A ④	<b>0.25 – 2.5 (4) mm<sup>2</sup> ①</b> 400 V/6 kV/3 I <sub>N</sub> 10 A ② Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b> 300 V, 10 A ③ 300 V, 10 A ④
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

① can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s+f-st";  
 can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and  
 0,75 mm<sup>2</sup> – 2,5 mm<sup>2</sup> "insulated ferrule, 12 mm/0.472 in"



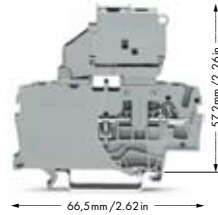
Item no.	Pack. unit	Item no.	Pack. unit		
<b>2-conductor fuse terminal blocks</b>		<b>4-conductor fuse terminal blocks</b>			
gray <b>2002-1681</b>		gray <b>2002-1881</b>			
② - Individual arrangement: 10 A - Block arrangement: 5 A Please note touchproof protection from 42 V		② - Individual arrangement: 10 A - Block arrangement: 5 A Please note touchproof protection from 42 V			
<b>Article-specific accessories</b>					
<b>End and intermediate plate</b> , 1 mm/0.039 in thick orange <b>2002-1692</b> 100 (4 x 25) gray <b>2002-1691</b> 100 (4 x 25)		<b>End and intermediate plate</b> , 1 mm/0.039 in thick orange <b>2002-1892</b> 100 (4 x 25) gray <b>2002-1891</b> 100 (4 x 25)			
<b>Accessories Series 2002</b> Appropriate marker systems: <b>WMB/Marker Strips/WMB Inline</b> (see Full Line Catalog W4, Vol. 1, Sec. 14)					
<b>Insulation stop</b> , 5 pcs/strip light gray <b>2002-171</b> 0.25-0.5 mm <sup>2</sup> dark gray <b>2002-172</b> 0.75-1 mm <sup>2</sup>		<b>Protective warning marker</b> , with high voltage symbol, black, for 5 terminal blocks yellow <b>2002-115</b> 100 (4 x 25)		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 the service life/operational reliability of the fuse cartridges. Fuse cartridges can operate perfectly as protection (break-off point) if they are properly selected and are used in accordance with the manufacturers specifications. In general it is necessary to test fuse cartridges under normal conditions and operational failures within your application.	
<b>Push-in type jumper bars</b> , light gray, insulated, I <sub>N</sub> 25 A 2-way <b>2002-402</b> 200 (8 x 25) 3-way <b>2002-403</b> 200 (8 x 25) 4-way <b>2002-404</b> 200 (8 x 25) 5-way <b>2002-405</b> 100 (4 x 25) : : 10-way <b>2002-410</b> 100 (4 x 25)		<b>Staggered jumpers</b> , light gray, insulated, I <sub>N</sub> 25 A 2-way <b>2002-472</b> 100 (4 x 25) 3-way <b>2002-473</b> 100 (4 x 25) 4-way <b>2002-474</b> 100 (4 x 25) 5-way <b>2002-475</b> 50 (2 x 25) : : 12-way <b>2002-482</b> 50 (2 x 25)			
<b>Push-in type jumper bars</b> , light gray, insulated, I <sub>N</sub> 25 A 1 - 3 <b>2002-433</b> 200 (8 x 25) 1 - 4 <b>2002-434</b> 200 (8 x 25) 1 - 5 <b>2002-435</b> 100 (4 x 25) : : 1 - 10 <b>2002-440</b> 100 (4 x 25)		<b>Test plug adapter</b> , for test plug Ø 4 mm/0.157 in <b>2009-174</b> 100 (4 x 25)			
<b>Modular TOPJOB® S connector</b> , for jumper contact slot 1 pole <b>2002-511</b> 100 (4 x 25)		<b>Testing tap</b> , for max. 2.5 mm <sup>2</sup> /AWG 14 <b>2009-182</b> 100 (4 x 25)			
<b>Spacer</b> , modular <b>2002-549</b> 100 (4 x 25)		<b>Two-way marking adapter</b> , pivotal <b>2002-121</b> 50 (2 x 25)			
<b>Blade-type fuses acc. to DIN 72581-3f / ISO 8820-3 (contact WAGO)</b>		<b>Test plug</b> , with cable 500mm/1'7.7", Ø 2 mm/0.079 in red <b>210-136</b> 50 (5 x 10)			
<b>With regard to the product safety, it is in general necessary to test the fuse in the appliance under normal conditions and operational failures.</b>					

# TOPJOB® S

## Fuse Disconnect Terminal Blocks with Pivotal Fuse Holder, 2.5 (4) mm<sup>2</sup>/AWG 12, for Miniature Metric Fuses 5 x 20 mm, Series 2002



<b>0.25 – 2.5 (4) mm<sup>2</sup></b> 250 V/6 kV/3 ① 6.3 A ② Terminal block width 6.2 mm / 0.244 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b> 250 V, 6.3 A ③ 250 V, 6.3 A ③	<b>0.25 – 2.5 (4) mm<sup>2</sup></b> 250 V/6 kV/3 ① 6.3 A ② Terminal block width 6.2 mm / 0.244 in  10 – 12 mm / 0.43 in	<b>AWG 22 – 12</b> 250 V, 6.3 A ③ 250 V, 6.3 A ③
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- ① 800 V = rated voltage  
8 kV = rated surge voltage  
3 = pollution degree  
(see also Full Line Catalog W4, Volume 1, Section 15)
- ② Nominal voltage and current are given by the LED or fuse
- ③ Leakage current in case of blown fuse:  
LED 6 mA













Description	Item no.	Pack. unit	Item no.	Pack. unit
<b>Fuse disconnect terminal block with pivotal fuse holder, for DIN 35 rail, for miniature metric fuses</b>			<b>2-conductor fuse terminal blocks with end plate, without blown fuse indication</b>	
5 x 20 mm	gray	<b>2002-1611</b>	50	gray 12 – 30 V ≈ ③ <b>2002-1611/1000-541</b>
5 x 20 mm				gray 30 – 65 V ≈ ③ <b>2002-1611/1000-542</b>
5 x 20 mm				gray 110 – 250 V ≈ <b>2002-1611/1000-836</b>
				50

### Article-specific accessories

	<b>End plate for fuse terminal blocks, 2 mm/0.079 in thick</b>  gray <b>2002-991</b> 100 (4x25) orange <b>2002-992</b> 100 (4x25)	<b>End plate for fuse terminal blocks, 2 mm/0.079 in thick</b>  gray <b>2002-991</b> 100 (4x25) orange <b>2002-992</b> 100 (4x25)
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

### Accessories

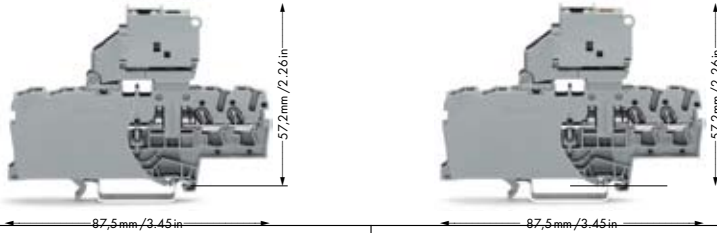
Appropriate marker systems: **WMB/Marker Strips/WMB Inline** (see pages 54-57)













	<b>Insulation stop, 5 pcs/strip</b> 200 strips  light gray <b>2002-171</b> 0.25-0.5 mm <sup>2</sup> dark gray <b>2002-172</b> 0.75-1 mm <sup>2</sup> must be singularized	<b>Insulation stop, 5 pcs/strip</b> 200 strips  light gray <b>2002-171</b> 0.25-0.5 mm <sup>2</sup> dark gray <b>2002-172</b> 0.75-1 mm <sup>2</sup> must be singularized
	<b>Protective warning marker, with high voltage symbol, black, for 5 terminal blocks</b>  yellow <b>2002-115</b> 100 (4 x 25) must be singularized	<b>Protective warning marker, with high voltage symbol, black, for 5 terminal blocks</b>  yellow <b>2002-115</b> 100 (4 x 25) must be singularized
	<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A</b>  2-way <b>2004-402</b> 200 (8 x 25) 3-way <b>2004-403</b> 200 (8 x 25) 4-way <b>2004-404</b> 200 (8 x 25) 5-way <b>2004-405</b> 100 (4 x 25) : : 10-way <b>2004-410</b> 100 (4 x 25)	<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A</b>  2-way <b>2004-402</b> 200 (8 x 25) 3-way <b>2004-403</b> 200 (8 x 25) 4-way <b>2004-404</b> 200 (8 x 25) 5-way <b>2004-405</b> 100 (4 x 25) : : 10-way <b>2004-410</b> 100 (4 x 25)
	<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A</b>  1 - 3 <b>2004-433</b> 200 (8 x 25) 1 - 4 <b>2004-434</b> 200 (8 x 25) 1 - 5 <b>2004-435</b> 100 (4 x 25) : : 1 - 10 <b>2004-440</b> 100 (4 x 25)	<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A</b>  1 - 3 <b>2004-433</b> 200 (8 x 25) 1 - 4 <b>2004-434</b> 200 (8 x 25) 1 - 5 <b>2004-435</b> 100 (4 x 25) : : 1 - 10 <b>2004-440</b> 100 (4 x 25)
	<b>Test plug, with cable 500 mm/1'7.7", Ø 2 mm/0.079 in Ø</b>  red <b>210-136</b> 50 (5 x 10)	<b>Test plug, with cable 500 mm/1'7.7", Ø 2 mm/0.079 in Ø</b>  red <b>210-136</b> 50 (5 x 10)

# TOPJOB®S

## Fuse Disconnect Terminal Blocks with Pivotal Fuse Holder, 2.5 (4) mm<sup>2</sup>/AWG 12, for Miniature Metric Fuses 5 x 20 mm, Series 2002

0.25 – 2.5 (4) mm <sup>2</sup> 250 V/6 kV/3 ① 6.3 A ② Terminal block width 6.2 mm / 0.244 in  10 – 12 mm / 0.43 in	AWG 22 – 12 250 V, 6.3 A ③ 250 V, 6.3 A ④	0.25 – 2.5 (4) mm <sup>2</sup> 250 V/6 kV/3 ① 6.3 A ② Terminal block width 6.2 mm / 0.244 in  10 – 12 mm / 0.43 in	AWG 22 – 12 250 V, 6.3 A ③ 250 V, 6.3 A ④	<b>Application notes</b>
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Item no.	Pack. unit	Item no.	Pack. unit
<b>4-conductor fuse terminal block with end plate, without blown fuse indication</b>		<b>4-conductor fuse terminal blocks with end plate, with blown fuse indication by LED</b>	
gray	<b>2002-1811</b> 50	gray 12 – 30 V ≈ ③	<b>2002-1811/1000-541</b> 50
		gray 30 – 65 V ≈ ③	<b>2002-1811/1000-542</b> 50
		gray 110 – 250 V ≈	<b>2002-1811/1000-836</b> 50
<b>End plate for fuse terminal blocks, 2 mm/0.079 in thick</b>  gray <b>2002-991</b> 100 (4x25) orange <b>2002-992</b> 100 (4x25)		<b>End plate for fuse terminal blocks, 2 mm/0.079 in thick</b>  gray <b>2002-991</b> 100 (4x25) orange <b>2002-992</b> 100 (4x25)	
Appropriate marker systems: <b>WMB/Marker Strips/WMB Inline</b> (see Full Line Catalog W4, Volume 1, Section 14)			
<b>Insulation stop, 5 pcs/strip</b> 200 strips  light gray <b>2002-171</b> 0.25-0.5 mm <sup>2</sup> dark gray <b>2002-172</b> 0.75-1 mm <sup>2</sup> must be singularized		<b>Insulation stop, 5 pcs/strip</b> 200 strips  light gray <b>2002-171</b> 0.25-0.5 mm <sup>2</sup> dark gray <b>2002-172</b> 0.75-1 mm <sup>2</sup> must be singularized	
<b>Protective warning marker, with high voltage symbol, black, for 5 terminal blocks</b>  yellow <b>2002-115</b> 100 (4 x 25) must be singularized		<b>Protective warning marker, with high voltage symbol, black, for 5 terminal blocks</b>  yellow <b>2002-115</b> 100 (4 x 25) must be singularized	
<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A</b>  2-way <b>2004-402</b> 200 (8 x 25) 3-way <b>2004-403</b> 200 (8 x 25) 4-way <b>2004-404</b> 200 (8 x 25) 5-way <b>2004-405</b> 100 (4 x 25) : 10-way <b>2004-410</b> 100 (4 x 25)		<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A</b>  2-way <b>2004-402</b> 200 (8 x 25) 3-way <b>2004-403</b> 200 (8 x 25) 4-way <b>2004-404</b> 200 (8 x 25) 5-way <b>2004-405</b> 100 (4 x 25) : 10-way <b>2004-410</b> 100 (4 x 25)	
<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A</b>  1 - 3 <b>2004-433</b> 200 (8 x 25) 1 - 4 <b>2004-434</b> 200 (8 x 25) 1 - 5 <b>2004-435</b> 100 (4 x 25) : 1 - 10 <b>2004-440</b> 100 (4 x 25)		<b>Push-in type jumper bars, light gray, insulated, I<sub>N</sub> 25 A</b>  1 - 3 <b>2004-433</b> 200 (8 x 25) 1 - 4 <b>2004-434</b> 200 (8 x 25) 1 - 5 <b>2004-435</b> 100 (4 x 25) : 1 - 10 <b>2004-440</b> 100 (4 x 25)	
<b>Test plug, with cable 500 mm/1'7.7", Ø 2 mm/0.079 in Ø</b>  red <b>210-136</b> 50 (5 x 10)		<b>Test plug, with cable 500 mm/1'7.7", Ø 2 mm/0.079 in Ø</b>  red <b>210-136</b> 50 (5 x 10)	



Fuse terminal blocks with a width of 6.2 mm/0.244 in can be assembled adjacent to each other. At the end of an assembly, if there is **no** adjacent fuse or disconnect terminal block, an end plate for fuse terminal blocks must be used.

When selecting miniature metric fuses, the maximum power loss listed below should not be exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23 °C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature metric fuses. Therefore, in such applications the rated current must be reduced if necessary. More details from the manufacturer.



### Miniature metric fuses 5 x 20

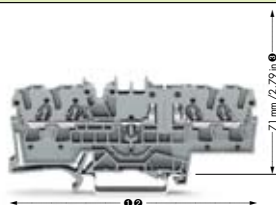
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual arrangement	Group arrangement	Individual arrangement	Group arrangement
Fuse terminal blocks				
<b>2002-1611</b>				
<b>2002-1811</b>	1.6 W	1.6 W	2.5 W	2.5 W
<b>2002-1811/.....</b>				
<b>2002-1611/.....</b>	1.6 W	1.6 W	2.5 W	2.5 W

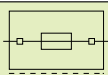
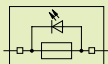
Protective warning marker and insulation stop must be singularized. Due to the 6.2 mm/0.244 in width of the fuse terminal blocks with pivotal fuse holder, 2004 Series jumpers must be used.

# TOPJOB<sup>®</sup>S

## Fuse Plugs, Series 2004 and Carrier Terminal Blocks, Series 2002








	<b>250 V max.*</b> <b>6.3 max.</b>	<b>250 V, 6.3 A</b>  <b>250 V, 6.3 A</b> 	* Electrical ratings are given by the fuse or nominal voltage of the indicator lamp respectively.
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Open side of terminal block	Description	Item no.	Pack. unit
	<b>Fuse plug,</b> for miniature metric fuses 5 x 20 mm	6.1 mm/0.24 in width with pull-tab <b>2004-0911</b>	50
	<b>Fuse plug, same as above,</b> with additional indicator lamp, LED, AC/DC 12 – 30 V, LED, AC/DC 30 – 65 V, can be used in both switching directions	6.1 mm/0.24 in width with pull-tab <b>2004-0911/1000-0541</b> 50 <b>2004-0911/1000-0542</b> 50	
	AC/DC 120 V – 230 V	6.1 mm/0.24 in width with pull-tab <b>2004-0911/1000-0836</b> 50	

### Terminal blocks and accessories

Appropriate marker systems: Terminal block **WMB/Marker Strips**

	<b>2-conductor carrier terminal block ①,</b> 0.25–2.5 (4) mm <sup>2</sup> /AWG 22–12 Stripped length 9–10 mm/0.37 in	Terminal block width 5.2 mm/0.205 in gray <b>2002-1661</b>	50
	<b>End and intermediate plate,</b> for 2-cond. carrier term. block Item No. 2002-1661	1 mm/0.039 thick orange <b>2002-1692</b> gray <b>2002-1691</b>	100 (4 x 25) 100 (4 x 25)
	<b>4-conductor carrier terminal block ②,</b> 0.25–2.5 (4) mm <sup>2</sup> /AWG 22–12 Stripped length 10–12 mm/0.43 in	Terminal block width 6 mm/0.236 in gray <b>2002-1861</b>	50
	<b>End and intermediate plate,</b> for 4-cond. carrier term. block Item No. 2002-1861	1 mm/0.039 thick orange <b>2002-1892</b> gray <b>2002-1891</b>	100 (4 x 25) 100 (4 x 25)
	<b>Shorting link, 5 x 20 mm,</b> 6.3 A, if the fuse plug is used as disconnect plug	<b>281-503</b>	250 (10 x 25)
	<b>End plate for fuse plug</b>	2 mm/0.079 thick orange <b>2002-0991</b> gray <b>2002-0992</b>	100 (4 x 25) 100 (4 x 25)
	<b>Disconnect plug for carrier terminal blocks,</b> 10 A, suited when using a carrier terminal block as disconnect terminal block	<b>2002-401</b>	250 (10 x 25)

The use of pluggable fuse holders with rail mounted terminal blocks for protection of control circuits offers many advantages to the user since the function and the wiring are accomplished by two separate parts:

- no additional cost for assembly and wiring
- no risk of accidental contact with live parts during disconnection of fuse plug
- in case of exchanging a defective fuse the fuse plug is completely separated from the carrier terminal block
- therefore safe exchange of the fuse away from current carrying parts
- the fuse plug can be taken away by the serviceman avoiding unintentional reclosing of the circuit by another person
- quick exchange of a fuse by using a prepared "stand-by plug."

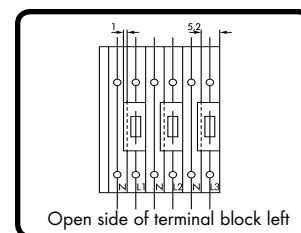
Further advantages:

- optional LED indicates blown fuse
- marking facility on the fuse plug for clear coordination to the correct carrier terminal block (WSB-Quick Marking System 4 mm/0.157 in)
- two touchproof test slots
- high density with only 6,1 mm/0.24 in width of terminal block/fuse plug
- instead of a fuse, a shorting link may be used as a disconnect plug.

When corresponding Neutral-circuit is adjacent to a fuse plug, a 5.2 mm/0.205 in wide space saving terminal block may be used, as a 6.1 mm/0.24 in fuse plug may overlap the terminal block. See diagram below.

### Miniature metric fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual arrangement	Group arrangement	Individual arrangement	Group arrangement
Fuse terminal blocks				
<b>2004-0911</b>				
<b>2004-0911/.....</b>	1.6 W	1.6 W	2.5 W	2.5 W



Open side of terminal block left

- ① 66.5 mm/2.62 in (2-conductor)
- ② 87.5 mm/3.45 in (4-conductor)
- ③ with inserted fuse plug



# TOPJOB® S

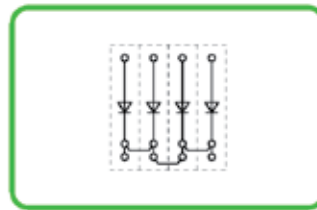
These double and triple deck diode terminal blocks have been specially developed for custom diode circuits such as lamp test and collective fault signal circuits.

Using LED terminal blocks, monitoring units can be designed for control and operating circuits.

The terminal blocks provide high density wiring maintaining a width of only 5.2 mm.

Using push-in type jumper bars opens up additional possibilities when designing custom circuits.

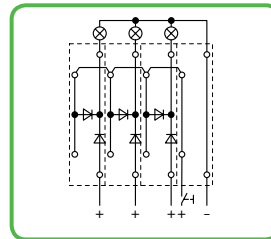
## Diode terminal blocks



Polarized diode gate,  
common cathode



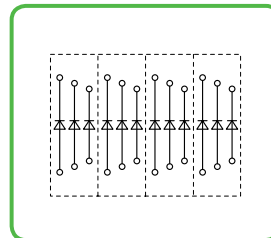
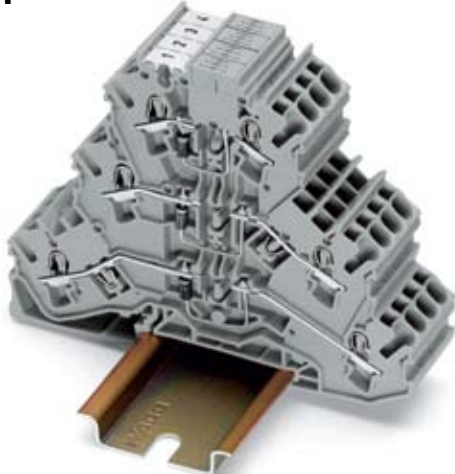
## Double deck diode terminal blocks



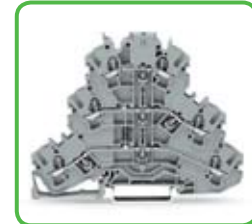
Lamp test circuit



## Triple deck diode terminal blocks

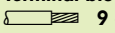
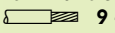
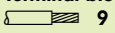


Open diode gate, can be connected individually. Using push-in type jumper bars, individual levels can be turned into polarized diode gates.

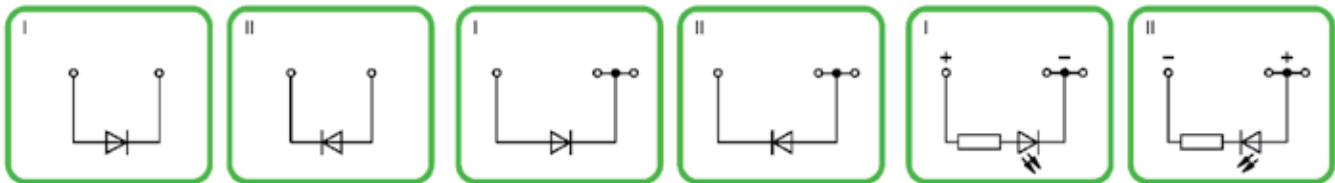
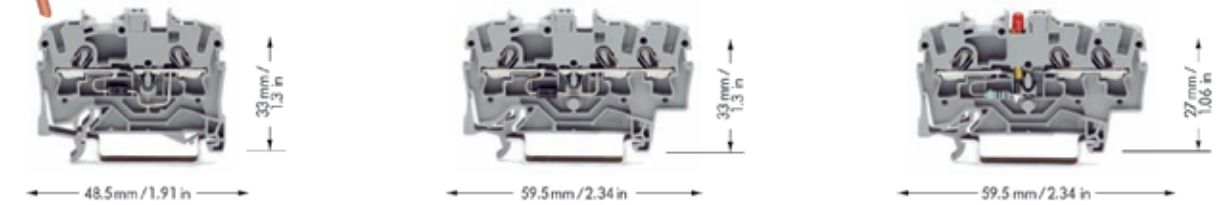


# TOPJOB® S

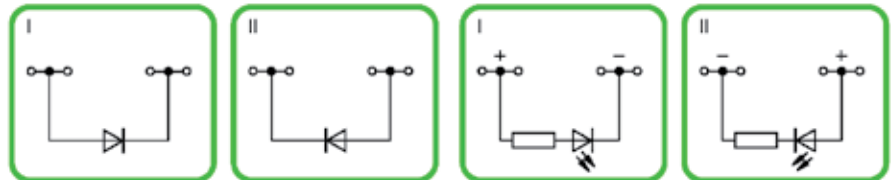
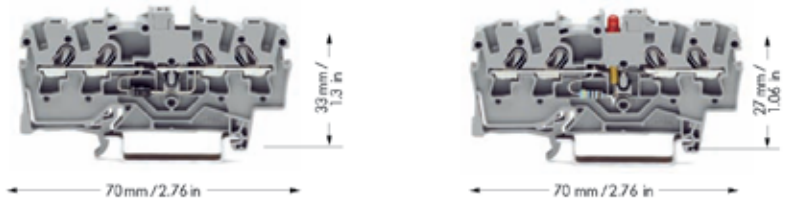
## Diode Terminal Blocks 1.5 (2.5) mm<sup>2</sup> / AWG 14 and LED Terminal Blocks 1.5 (2.5) mm<sup>2</sup> / AWG 14; Series 2001

<b>0.25 – 1.5 (2.5) mm<sup>2</sup>   AWG 22 – 14</b> <b>U<sub>N</sub> 250 V; U<sub>RM</sub> 1000 V</b> <b>1 N 4007 - 0.5 A continuous current</b> <b>Terminal block width 4.2 mm / 0.165 in</b>  <b>9 – 11 mm / 0.39 in</b>	<b>0.25 – 1.5 (2.5) mm<sup>2</sup>   AWG 22 – 14</b> <b>U<sub>N</sub> 250 V; U<sub>RM</sub> 1000 V</b> <b>1 N 4007 - 0.5 A continuous current</b> <b>Terminal block width 4.2 mm / 0.165 in</b>  <b>9 – 11 mm / 0.39 in</b>	<b>0.25 – 1.5 (2.5) mm<sup>2</sup>   AWG 22 – 14</b> <b>DC 24 V</b> <b>I<sub>F</sub> 0.025 A max.</b> <b>Terminal block width 4.2 mm / 0.165 in</b>  <b>9 – 11 mm / 0.39 in</b>
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can be connected: 0.25 mm<sup>2</sup> - 4 mm<sup>2</sup> "s+f-st";  
 can be pushed in directly; 0.5 mm<sup>2</sup> - 2.5 mm<sup>2</sup> "s" and 0.75 mm<sup>2</sup> - 1.5 mm<sup>2</sup> "insulated ferrule, 12 mm/0.472 in"






Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>2-cond. diode term. blocks with diode 1 N 4007</b>		<b>3-cond. diode term. blocks with diode 1 N 4007</b>		<b>3-cond. LED term. blocks with red LED, DC 24 V</b>	
Circuit I, grey	2001-1211/1000-410	100	Circuit I, grey	2001-1311/1000-410	100
Circuit II, grey	2001-1211/1000-411	100	Circuit II, grey	2001-1311/1000-411	100
<b>Through terminal block with the same shape</b>		<b>Through terminal block with the same shape</b>		<b>Through terminal block with the same shape</b>	
grey	2001-1201	grey	2001-1301	grey	2001-1301
<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>		<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>		<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>	
orange	2002-1292	100 (4 x 25)	orange	2002-1392	100 (4 x 25)
grey	2002-1291	100 (4 x 25)	grey	2002-1391	100 (4 x 25)
grey	2002-1291	100 (4 x 25)	grey	2002-1391	100 (4 x 25)



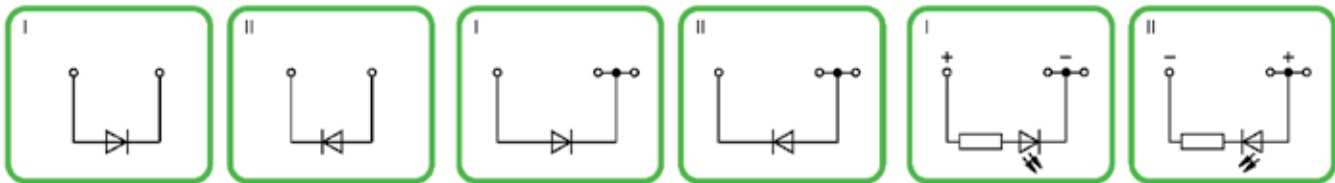
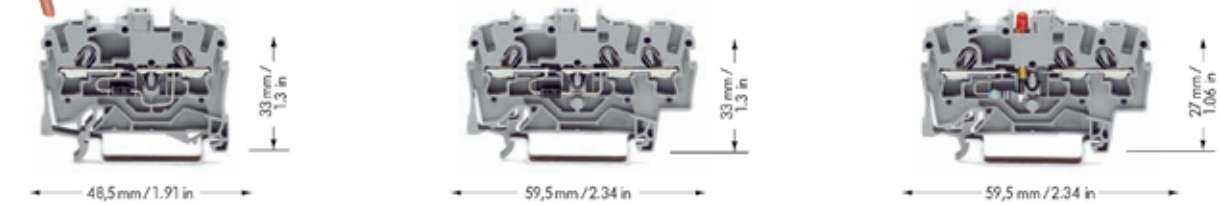
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs		
<b>4-cond. diode term. blocks with diode 1 N 4007</b>		<b>4-cond. LED term. blocks with red LED, DC 24 V</b>			
Circuit I, grey	2001-1411/1000-410	100	Circuit I, grey	2001-1421/1000-434	100
Circuit II, grey	2001-1411/1000-411	100	Circuit II, grey	2001-1421/1000-413	100
<b>Through terminal block with the same shape</b>		<b>Through terminal block with the same shape</b>			
grey	2001-1401	grey	2001-1401		
<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>		<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>			
orange	2002-1492	100 (4 x 25)	orange	2002-1492	100 (4 x 25)
grey	2002-1491	100 (4 x 25)	grey	2002-1491	100 (4 x 25)

# TOPJOB® S

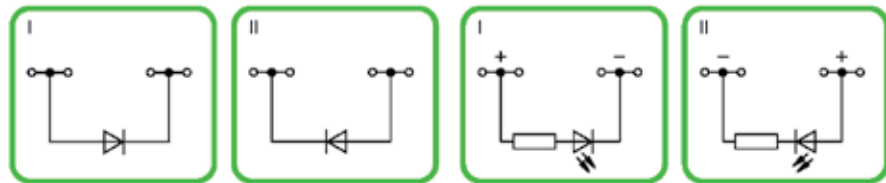
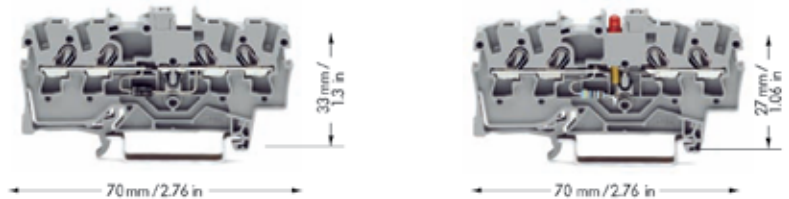
## Diode Terminal Blocks 2.5 mm<sup>2</sup> (4) mm<sup>2</sup> / AWG 12 and LED Terminal Blocks 2.5 (4) mm<sup>2</sup> / AWG 12; Series 2002

0.25–2.5 (4) mm <sup>2</sup>   AWG 22 – 12 U <sub>N</sub> 250 V; U <sub>RM</sub> 1000 V 1 N 4007 – 0.5 A continuous current	0.25–2.5 (4) mm <sup>2</sup>   AWG 22 – 12 U <sub>N</sub> 250 V; U <sub>RM</sub> 1000 V 1 N 4007 – 0.5 A continuous current	0.25–2.5 (4) mm <sup>2</sup>   AWG 22 – 12 DC 24 V I <sub>F</sub> 0.025 A max.
Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in

can be connected: 0.25 mm<sup>2</sup> - 4 mm<sup>2</sup> "s+f-st";  
can be pushed in directly; 0.75 mm<sup>2</sup> - 4 mm<sup>2</sup> "s" and 0.75 mm<sup>2</sup> - 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm/0.472 in"



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>2-cond. diode term. blocks with diode 1 N 4007</b>		<b>3-cond. diode term. blocks with diode 1 N 4007</b>		<b>3-cond. LED term. blocks with red LED, DC 24 V</b>	
Circuit I, grey	2002-1211/1000-410 100	Circuit I, grey	2002-1311/1000-410 100	Circuit I, grey	2002-1321/1000-434 100
Circuit II, grey	2002-1211/1000-411 100	Circuit II, grey	2002-1311/1000-411 100	Circuit II, grey	2002-1321/1000-413 100
<b>Through terminal block with the same shape</b>		<b>Through terminal block with the same shape</b>		<b>Through terminal block with the same shape</b>	
grey	2002-1201	grey	2002-1301	grey	2002-1301
<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>		<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>		<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>	
orange	2002-1292 100 (4 x 25)	orange	2002-1392 100 (4 x 25)	orange	2002-1392 100 (4 x 25)
grey	2002-1291 100 (4 x 25)	grey	2002-1391 100 (4 x 25)	grey	2002-1391 100 (4 x 25)



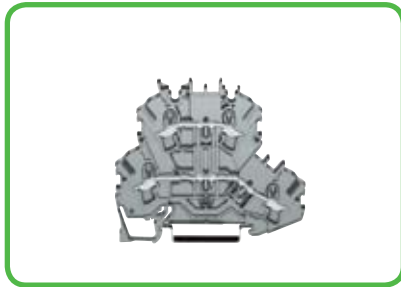
	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
	<b>4-cond. diode term. blocks with diode 1 N 4007</b>		<b>4-cond. LED term. blocks with red LED, DC 24 V</b>	
	Circuit I, grey	2002-1411/1000-410 100	Circuit I, grey	2002-1421/1000-434 100
	Circuit II, grey	2002-1411/1000-411 100	Circuit II, grey	2002-1421/1000-413 100
	<b>Through terminal block with the same shape</b>		<b>Through terminal block with the same shape</b>	
	grey	2002-1401	grey	2002-1401
	<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>		<b>End and intermediate plate, 0.8 mm/0.032 in thick</b>	
	orange	2002-1492 100 (4 x 25)	orange	2002-1492 100 (4 x 25)
	grey	2002-1491 100 (4 x 25)	grey	2002-1491 100 (4 x 25)

# TOPJOB®S

## Double Deck Diode Terminal Blocks / Double Deck LED Terminal Blocks

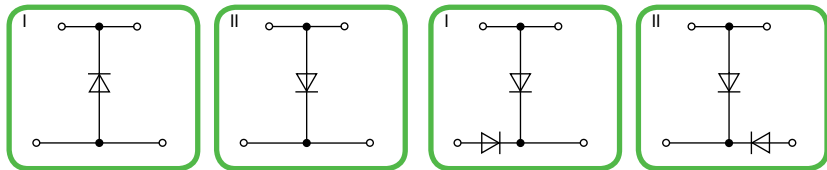
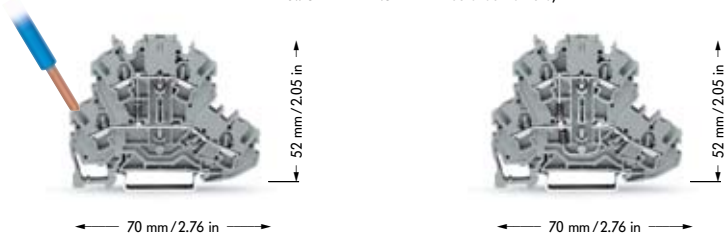
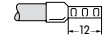
### 2.5 mm<sup>2</sup>/4 mm<sup>2</sup> / AWG 12, Series 2002

	<b>0.25 – 2.5 (4) mm<sup>2</sup>   AWG 22 – 12</b> <b>U<sub>N</sub> 250 V; U<sub>RM</sub> 1000 V</b> <b>1 N 4007 – 0.5 A continuous current</b>  <b>Terminal block width 5.2 mm / 0.205 in</b> <b>10 – 12 mm / 0.43 in</b>	<b>0.25 – 2.5 (4) mm<sup>2</sup>   AWG 22 – 12</b> <b>U<sub>N</sub> 250 V; U<sub>RM</sub> 1000 V</b> <b>1 N 4007 – 0.5 A continuous current</b>  <b>Terminal block width 5.2 mm / 0.205 in</b> <b>10 – 12 mm / 0.43 in</b>
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Through terminal blocks with the same shape see page 24

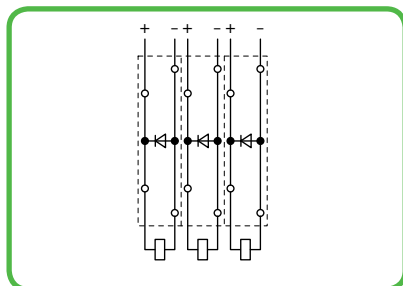
can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s + f-st";  
 can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and  
 0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"



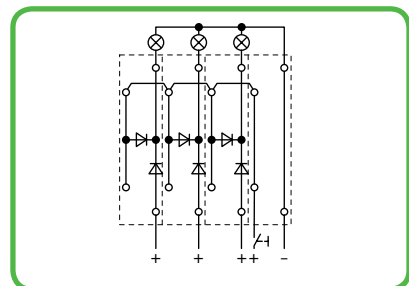
Description	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs		
<b>Double deck diode terminal block and double deck LED terminal block, for DIN 35 rail</b>	<b>Double deck diode terminal blocks with diode 1 N 4007</b>		<b>Double deck diode terminal blocks with 2 diodes 1 N 4007</b>			
	Circuit -I, grey	<b>2002-2211/1000-0410</b>	50	Circuit -I, grey	<b>2002-2214/1000-0492</b>	50
	Circuit II, grey	<b>2002-2211/1000-0411</b>	50	Circuit II, grey	<b>2002-2214/1000-0491</b>	50

Accessories		Appropriate marking system <b>WMB/WMB Inline</b> (see pages 54-57)						
	<b>End and intermediate plate</b>	0.8 mm / 0.031 in in thick		0.8 mm / 0.031 in thick				
		orange	<b>2002-2292</b>	100 (4 x 25)	orange	<b>2002-2292</b>	100 (4 x 25)	
		grey	<b>2002-2291</b>	100 (4 x 25)	grey	<b>2002-2291</b>	100 (4 x 25)	
	<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b>	2-way	<b>2002-402</b>	200 (8 x 25)	2-way	<b>2002-402</b>	200 (8 x 25)	
		3-way	<b>2002-403</b>	200 (8 x 25)	3-way	<b>2002-403</b>	200 (8 x 25)	
		4-way	<b>2002-404</b>	200 (8 x 25)	4-way	<b>2002-404</b>	200 (8 x 25)	
		5-way	<b>2002-405</b>	100 (4 x 25)	5-way	<b>2002-405</b>	100 (4 x 25)	
		:	:	:	:	:	:	:
		10-way	<b>2002-410</b>	100 (4 x 25)	10-way	<b>2002-410</b>	100 (4 x 25)	
	<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b>	1 - 3	<b>2002-433</b>	200 (8 x 25)	1 - 3	<b>2002-433</b>	200 (8 x 25)	
		1 - 4	<b>2002-434</b>	200 (8 x 25)	1 - 4	<b>2002-434</b>	200 (8 x 25)	
		1 - 5	<b>2002-435</b>	100 (4 x 25)	1 - 5	<b>2002-435</b>	100 (4 x 25)	
		:	:	:	:	:	:	:
				1 - 10	<b>2002-440</b>	100 (4 x 25)	1 - 10	<b>2002-440</b>
	<b>Two-way marking adapter, pivotable</b>		<b>2002-121</b>	50 (2 x 25)		<b>2002-121</b>	50 (2 x 25)	

#### Examples of circuit configuration



Used as recovery diodes






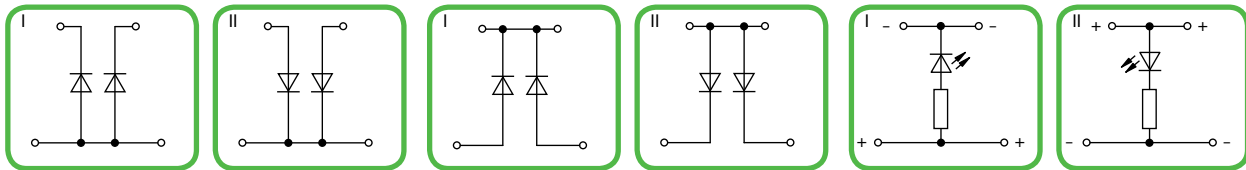
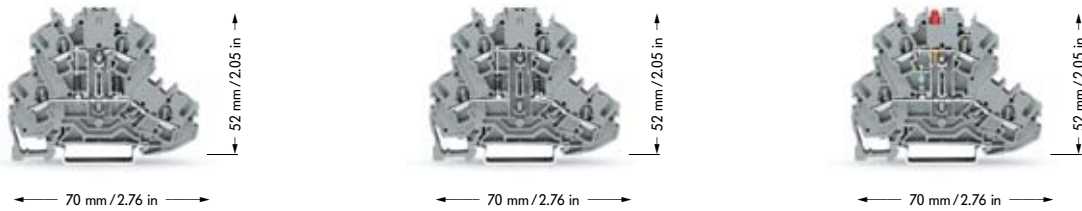
Used in lamp test circuit



# TOPJOB® S

## Double Deck Diode Terminal Blocks / Double Deck LED Terminal Blocks 2.5 mm<sup>2</sup>/4 mm<sup>2</sup> / AWG 12, Series 2002

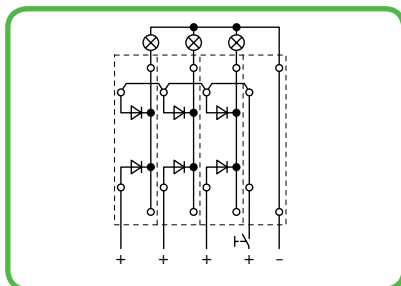
<p>0.25 – 2.5 (4) mm<sup>2</sup>   AWG 22 – 12          U<sub>N</sub> 250 V; U<sub>RM</sub> 1000 V          1 N 4007 – 0.5 A continuous current</p> <p>Terminal block width 5.2 mm / 0.205 in   10 – 12 mm / 0.43 in</p>	<p>0.25 – 2.5 (4) mm<sup>2</sup>   AWG 22 – 12          U<sub>N</sub> 250 V; U<sub>RM</sub> 1000 V          1 N 4007 – 0.5 A continuous current</p> <p>Terminal block width 5.2 mm / 0.205 in   10 – 12 mm / 0.43 in</p>	<p>0.25 – 2.5 (4) mm<sup>2</sup>   AWG 22 – 12          DC 24 V          I<sub>F</sub> 25 mA max.</p> <p>Terminal block width 5.2 mm / 0.205 in   10 – 12 mm / 0.43 in</p>
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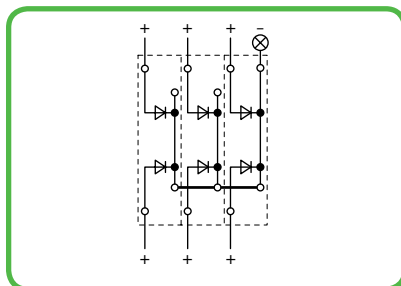
Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
<b>Double deck diode terminal blocks with 2 diodes 1 N 4007</b>		<b>Double deck diode terminal blocks with 2 diodes 1 N 4007</b>		<b>Double deck LED terminal blocks with red LED, DC 24 V</b>	
Circuit -I, grey	<b>2002-2213/1000-0487</b> 50	Circuit -I, grey	<b>2002-2214/1000-0489</b> 50	Circuit -I, grey	<b>2002-2221/1000-0434</b> 50
Circuit II, grey	<b>2002-2213/1000-0488</b> 50	Circuit II, grey	<b>2002-2214/1000-0490</b> 50	Circuit II, grey	<b>2002-2221/1000-0413</b> 50

Appropriate marking system **WMB/WMB Inline** (see pages 54-57)

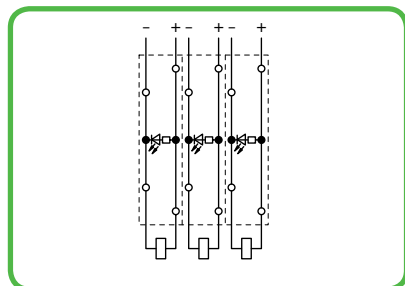
0.8 mm / 0.031 in thick		0.8 mm / 0.031 in thick		0.8 mm / 0.031 in thick	
orange	<b>2002-2292</b> 100 (4 x 25)	orange	<b>2002-2292</b> 100 (4 x 25)	orange	<b>2002-2292</b> 100 (4 x 25)
grey	<b>2002-2291</b> 100 (4 x 25)	grey	<b>2002-2291</b> 100 (4 x 25)	grey	<b>2002-2291</b> 100 (4 x 25)
2-way	<b>2002-402</b> 200 (8 x 25)	2-way	<b>2002-402</b> 200 (8 x 25)	2-way	<b>2002-402</b> 200 (8 x 25)
3-way	<b>2002-403</b> 200 (8 x 25)	3-way	<b>2002-403</b> 200 (8 x 25)	3-way	<b>2002-403</b> 200 (8 x 25)
4-way	<b>2002-404</b> 200 (8 x 25)	4-way	<b>2002-404</b> 200 (8 x 25)	4-way	<b>2002-404</b> 200 (8 x 25)
5-way	<b>2002-405</b> 100 (4 x 25)	5-way	<b>2002-405</b> 100 (4 x 25)	5-way	<b>2002-405</b> 100 (4 x 25)
:	:	:	:	:	:
10-way	<b>2002-410</b> 100 (4 x 25)	10-way	<b>2002-410</b> 100 (4 x 25)	10-way	<b>2002-410</b> 100 (4 x 25)
1 - 3	<b>2002-433</b> 200 (8 x 25)	1 - 3	<b>2002-433</b> 200 (8 x 25)	1 - 3	<b>2002-433</b> 200 (8 x 25)
1 - 4	<b>2002-434</b> 200 (8 x 25)	1 - 4	<b>2002-434</b> 200 (8 x 25)	1 - 4	<b>2002-434</b> 200 (8 x 25)
1 - 5	<b>2002-435</b> 100 (4 x 25)	1 - 5	<b>2002-435</b> 100 (4 x 25)	1 - 5	<b>2002-435</b> 100 (4 x 25)
:	:	:	:	:	:
1 - 10	<b>2002-440</b> 100 (4 x 25)	1 - 10	<b>2002-440</b> 100 (4 x 25)	1 - 10	<b>2002-440</b> 100 (4 x 25)
<b>2002-121</b> 50 (2 x 25)		<b>2002-121</b> 50 (2 x 25)		<b>2002-121</b> 50 (2 x 25)	



Used in lamp test circuit



Used for collective fault indication





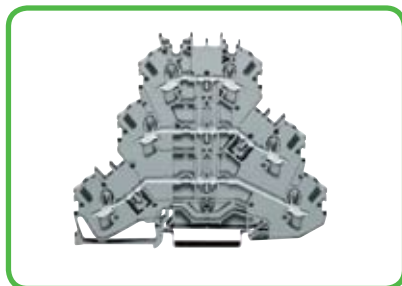
Used for voltage indication

# TOPJOB® S

## Triple Deck Diode Terminal Blocks / Triple Deck LED Terminal Blocks

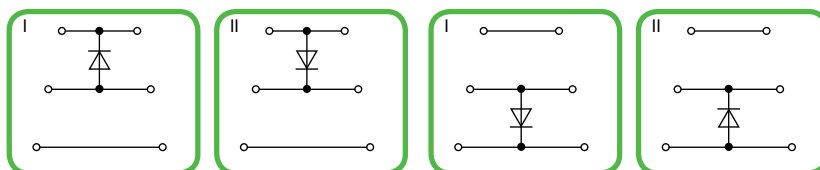
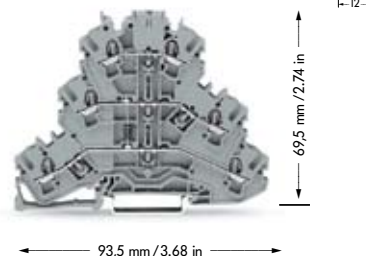
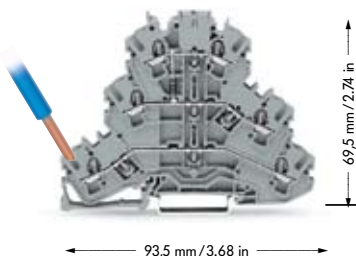
### 2.5 mm<sup>2</sup>/4 mm<sup>2</sup> / AWG 12, Series 2002

<p>0.25 – 2.5 (4) mm<sup>2</sup>   AWG 22 – 12          U<sub>N</sub> 250 V; U<sub>RM</sub> 1000 V          1 N 4007 – 0.5 A continuous current</p> <p>Terminal block width 5.2 mm / 0.205 in   10 – 12 mm / 0.43 in</p>	<p>0.25 – 2.5 (4) mm<sup>2</sup>   AWG 22 – 12          U<sub>N</sub> 250 V; U<sub>RM</sub> 1000 V          1 N 4007 – 0.5 A continuous current</p> <p>Terminal block width 5.2 mm / 0.205 in   10 – 12 mm / 0.43 in</p>
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Through terminal blocks with the same shape see page 26





can be connected: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s+f-st";  
 can be pushed in directly: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s" and 0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"



Description	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs		
<b>Triple deck diode terminal block</b>	<b>Triple deck diode terminal blocks with diode 1 N 4007</b>		<b>Triple deck diode terminal blocks with diode 1 N 4007</b>			
and	Circuit -I, grey	<b>2002-3211/1000-0410</b>	50	Circuit -I, grey	<b>2002-3211/1000-0675</b>	50
<b>Triple deck LED terminal block, for DIN 35 rail</b>	Circuit II, grey	<b>2002-3211/1000-0411</b>	50	Circuit II, grey	<b>2002-3211/1000-0676</b>	50

#### Accessories

Appropriate marking system **WMB/WMB Inline** (see pages 54-57)


		0.8 mm / 0.031 in thick		0.8 mm / 0.031 in thick			
	<b>End and intermediate plate</b>	orange	<b>2002-3292</b>	100 (4 x 25)	orange	<b>2002-3292</b>	100 (4 x 25)
		grey	<b>2002-3291</b>	100 (4 x 25)	grey	<b>2002-3291</b>	100 (4 x 25)
	<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b>	2-way	<b>2002-402</b>	200 (8 x 25)	2-way	<b>2002-402</b>	200 (8 x 25)
		3-way	<b>2002-403</b>	200 (8 x 25)	3-way	<b>2002-403</b>	200 (8 x 25)
		4-way	<b>2002-404</b>	200 (8 x 25)	4-way	<b>2002-404</b>	200 (8 x 25)
		5-way	<b>2002-405</b>	100 (4 x 25)	5-way	<b>2002-405</b>	100 (4 x 25)
		:	:	:	:	:	:
		10-way	<b>2002-410</b>	100 (4 x 25)	10-way	<b>2002-410</b>	100 (4 x 25)
	<b>Push-in type jumper bars, light grey, insulated, I<sub>N</sub> 25 A</b>	1 - 3	<b>2002-433</b>	200 (8 x 25)	1 - 3	<b>2002-433</b>	200 (8 x 25)
		1 - 4	<b>2002-434</b>	200 (8 x 25)	1 - 4	<b>2002-434</b>	200 (8 x 25)
		1 - 5	<b>2002-435</b>	100 (4 x 25)	1 - 5	<b>2002-435</b>	100 (4 x 25)
		:	:	:	:	:	
		1 - 10	<b>2002-440</b>	100 (4 x 25)	1 - 10	<b>2002-440</b>	100 (4 x 25)
	<b>Two-way marking adapter, pivotable</b>		<b>2002-131</b>	50 (2 x 25)		<b>2002-131</b>	50 (2 x 25)














# Plug-In Component Module for Carrier Terminal Block, Series 2002

<p>Diode Module; Diode 1N 4007  <math>U_N</math> 250 V; <math>U_{RM}</math> 1000 V; 1 A max.          LED <math>I_F</math> 25 mA</p> <p>Width 5.2 mm / 0.205 in</p>		
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Item No.	Pack Unit	
<b>Empty Module, 5.2 mm wide,</b>		
<b>2002-800</b>	100	
<b>Diode Module, 5.2 mm wide,</b>		
	Diode 1N 4007	
<b>2002-800/1000-411</b>	100	















Terminal Blocks and Accessories		Appropriate marker systems: Terminal block WMB/marker strips	
<p><b>2-Conductor Terminal Block, ①</b></p>  <p>0.25 - 2.5 (4) mm<sup>2</sup>/AWG 22 - 12          width 52.2 mm/0.205 in          gray <b>2002-1661</b> 50</p>	<p><b>Push-In Type Jumper, light gray, insulated, <math>I_N</math> 25 A</b></p>  <p>2-way <b>2002-402</b> 200 (8 x 25)          3-way <b>2002-403</b> 200 (8 x 25)          4-way <b>2002-404</b> 200 (8 x 25)          5-way <b>2002-405</b> 100 (4 x 25)          6-way <b>2002-406</b> 100 (4 x 25)          7-way <b>2002-407</b> 100 (4 x 25)          8-way <b>2002-408</b> 100 (4 x 25)          9-way <b>2002-409</b> 100 (4 x 25)          10-way <b>2002-410</b> 100 (4 x 25)</p>		
<p><b>End and Intermediate Plate, 1 mm thick</b></p>  <p>orange <b>2002-1692</b> 100 (4 x 25)          gray <b>2002-1691</b> 100 (4 x 25)</p>			
<p><b>4-Conductor Carrier Terminal Block, ②</b></p>  <p>0.25 - 2.5 (4) mm<sup>2</sup>/AWG 22 - 12          width 5.2 mm/0.205 in          gray <b>2002-1861</b> 50</p>			
<p><b>End and Intermediate Plate, 1 mm thick</b></p>  <p>orange <b>2002-1892</b> 100 (4 x 25)          gray <b>2002-1891</b> 100 (4 x 25)</p>	<p><b>Push-In Type Jumper, light gray, insulated, <math>I_N</math> 25 A</b></p>  <p>1 - 3 <b>2002-433</b> 200 (8 x 25)          1 - 4 <b>2002-434</b> 200 (8 x 25)          1 - 5 <b>2002-435</b> 100 (4 x 25)          1 - 6 <b>2002-436</b> 100 (4 x 25)          1 - 7 <b>2002-437</b> 100 (4 x 25)          1 - 8 <b>2002-438</b> 100 (4 x 25)          1 - 9 <b>2002-439</b> 100 (4 x 25)          1 - 10 <b>2002-440</b> 100 (4 x 25)</p>		
<p><b>Insulation Stop, 5 pcs/strip 200 Strips</b></p>  <p>light gray <b>2002-171</b> 0.25-0.5 mm<sup>2</sup>          dark gray <b>2002-172</b> 0.75-1 mm<sup>2</sup></p>			
<p><b>Test Plug, for test plug 4 mm Ø,</b></p>  <p><b>2009-174</b> 100 (4 x 25)</p>			
<p><b>Testing Tap, for max. 2.5 mm<sup>2</sup></b></p>  <p><b>2009-182</b> 100 (4 x 25)</p>	<p><b>Staggered Jumpers, light gray, insulated, <math>I_N</math> 25 A</b></p>  <p>2-way <b>2002-472</b> 100 (4 x 25)          3-way <b>2002-473</b> 100 (4 x 25)          4-way <b>2002-474</b> 100 (4 x 25)          5-way <b>2002-475</b> 50 (2 x 25)          5-way <b>2002-476</b> 50 (2 x 25)          5-way <b>2002-477</b> 50 (2 x 25)          5-way <b>2002-478</b> 50 (2 x 25)          5-way <b>2002-479</b> 50 (2 x 25)          5-way <b>2002-480</b> 50 (2 x 25)          5-way <b>2002-481</b> 50 (2 x 25)          12-way <b>2002-482</b> 50 (2 x 25)</p>		
<p><b>Protective Warning Marker, high voltages symbol, for 5 terminal blocks</b></p>  <p>yellow <b>2002-115</b> 100 (4 x 25)          vereinzelt zu verwenden</p>			
<p>① 66.5 mm / 2.62 in (2-Conductor)          ② 87.5 mm / 3.45 in (4-Conductor)</p>			



# Plug-In LED Module for Carrier Terminal Block, Series 2002

<b>LED Module:</b> $I_N \leq 5,6 \text{ mA}; I_f \leq 25 \text{ mA}$		
<b>Width 5.2 mm / 0.205 in</b>		

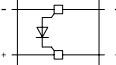








Item No.	Pack Unit	
<b>LED Module, 5.2 mm wide, with red LED</b>  AC/DC 12 - 30 V <b>2002-800/1000-541</b> 100		
<b>LED Module, 5.2 mm wide, with red LED</b>  AC/DC 30 - 65 V <b>2002-800/1000-542</b> 100		
<b>LED Module, 5.2 mm wide, with red LED</b>  AC/DC 110 - 250 V <b>2002-800/1000-836</b> 100		
<b>Terminal Blocks and Accessories</b> Appropriate marker systems: Terminal block WMB/marker strips		
<b>2-Conductor Carrier Terminal Block, ①</b>  0.25 - 2.5 (4) mm <sup>2</sup> /AWG 22 - 12 width 5.2 mm/0.205 in gray <b>2002-1661</b> 50	<b>Push-In Type Jumper, light gray, insulated, I<sub>N</sub> 25 A</b> 	2-way <b>2002-402</b> 200 (8 x 25) 3-way <b>2002-403</b> 200 (8 x 25) 4-way <b>2002-404</b> 200 (8 x 25) 5-way <b>2002-405</b> 100 (4 x 25) 6-way <b>2002-406</b> 100 (4 x 25) 7-way <b>2002-407</b> 100 (4 x 25) 8-way <b>2002-408</b> 100 (4 x 25) 9-way <b>2002-409</b> 100 (4 x 25) 10-way <b>2002-410</b> 100 (4 x 25)
<b>End and Intermediate Plate, 1 mm thick</b>  orange <b>2002-1692</b> 100 (4 x 25) gray <b>2002-1691</b> 100 (4 x 25)		
<b>4-Conductor Carrier Terminal Block, ②</b>  0.25 - 2.5 (4) mm <sup>2</sup> /AWG 22 - 12 width 5.2 mm/0.205 in gray <b>2002-1861</b> 50	<b>Push-In Type Jumper, light gray, insulated, I<sub>N</sub> 25 A</b> 	1 - 3 <b>2002-433</b> 200 (8 x 25) 1 - 4 <b>2002-434</b> 200 (8 x 25) 1 - 5 <b>2002-435</b> 100 (4 x 25) 1 - 6 <b>2002-436</b> 100 (4 x 25) 1 - 7 <b>2002-437</b> 100 (4 x 25) 1 - 8 <b>2002-438</b> 100 (4 x 25) 1 - 9 <b>2002-439</b> 100 (4 x 25) 1 - 10 <b>2002-440</b> 100 (4 x 25)
<b>End and Intermediate Plate, 1 mm thick</b>  orange <b>2002-1892</b> 100 (4 x 25) gray <b>2002-1891</b> 100 (4 x 25)		
<b>Insulation Stop, 5 pcs/strip</b> 200 Strips  light gray <b>2002-171</b> 0.25-0.5 mm <sup>2</sup> dark gray <b>2002-172</b> 0.75-1 mm <sup>2</sup>		
<b>Test Plug Adapter, for test plug 4 mm Ø,</b>  <b>2009-174</b> 100 (4 x 25)		
<b>Testing Tap, for max. 2.5 mm<sup>2</sup></b>  <b>2009-182</b> 100 (4 x 25)	<b>Staggered Jumpers, light gray, insulated, I<sub>N</sub> 25 A</b> 	2-way <b>2002-472</b> 100 (4 x 25) 3-way <b>2002-473</b> 100 (4 x 25) 4-way <b>2002-474</b> 100 (4 x 25) 5-way <b>2002-475</b> 50 (2 x 25) 5-way <b>2002-476</b> 50 (2 x 25) 5-way <b>2002-477</b> 50 (2 x 25) 5-way <b>2002-478</b> 50 (2 x 25) 5-way <b>2002-479</b> 50 (2 x 25) 5-way <b>2002-480</b> 50 (2 x 25) 5-way <b>2002-481</b> 50 (2 x 25) 12-way <b>2002-482</b> 50 (2 x 25)
<b>Protective Warning Marker, high voltages symbol,</b> for 5 terminal blocks  yellow <b>2002-115</b> 100 (4 x 25)		
<b>①</b> 66.5 mm / 2.62 in (2-Conductor) <b>②</b> 87.5 mm / 3.45 in (4-Conductor)		

# Plug-In Component Module for Terminal Jumper Location, Series 2002

<p>Diode Module; Diode 1 N 4007  <math>U_N</math> 250 V; <math>U_{RM}</math> 1000 V; 1 A max.</p> <p>Width 10.4 mm / 0,409 in</p>		
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Item No.	Pack Unit	
<b>Empty Module</b> , 10.4 mm wide,		
<b>2002-880</b>	50	
<b>Diode Module</b> , 10.4 mm wide,		
 Diode 1N 4007 <b>2002-880/1000-411</b> 50		
<b>Terminal Blocks and Accessories</b> Appropriate marker systems: Terminal block WMB/marker strips		
<b>2-Conductor Terminal Block, ①</b>		
 0.25 - 2.5 (4) mm <sup>2</sup> /AWG 22 - 12 width 5.2 mm / 0.205 in gray <b>2002-1201</b> 100		
<b>End and Intermediate Plate</b> , 0.8 mm thick		
 orange <b>2002-1292</b> 100 (4 x 25) gray <b>2002-1291</b> 100 (4 x 25)		
<b>3-Conductor Terminal Block, ②</b>		
 0.25 - 2,5 (4) mm <sup>2</sup> /AWG 22 - 12 width 5.2 mm / 0.205 in gray <b>2002-1301</b> 100		
<b>End and Intermediate Plate</b> , 0.8 mm thick		
 orange <b>2002-1392</b> 100 (4 x 25) gray <b>2002-1391</b> 100 (4 x 25)		
<b>4-Conductor Terminal Block, ③</b>		
 0.25 - 2.5 (4) mm <sup>2</sup> /AWG 22 - 12 width 5.2 mm / 0.205 in gray <b>2002-1401</b> 100		
<b>End and Intermediate</b> , 0.8 mm dick		
 orange <b>2002-1492</b> 100 (4 x 25) gray <b>2002-1491</b> 100 (4 x 25)		
		<b>①</b> 48.5 mm / 1.91 in (2-Conductor) <b>②</b> 59.5 mm / 2.34 in (3-Conductor) <b>③</b> 70.0 mm / 2.76 in (4-Conductor)

# Plug-In LED Module for Terminal Block Jumper Location, Series 2002

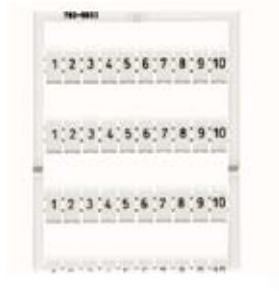
<p><b>LED-Module:</b>  <math>I_N \leq 5,6 \text{ mA}; I_f \leq 25 \text{ mA}</math></p> <p><b>Width 10.4 mm / 0.409 in</b></p>		
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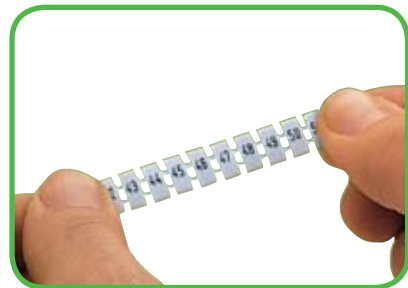
Item No.	Pack Unit	
<p><b>LED Module, 10.4 mm wide, with red LED</b></p> <p>AC/DC 12 - 30 V  <b>2002-880/1000-541</b> 50</p>		
<p><b>LED Module, 10.4 mm wide, with red LED</b></p> <p>AC/DC 30 - 65 V  <b>2002-880/1000-542</b> 50</p>		
<p><b>LED Module, 10.4 mm wide, with red LED</b></p> <p>AC/DC 110 - 250 V  <b>2002-880/1000-836</b> 50</p>		
<p><b>Terminal Blocks and Accessories</b> Appropriate marker systems: Terminal block WMB/marker strips</p>		
<p><b>2-Conductor Terminal Block, ①</b></p> <p>0.08 - 2.5 (4) mm<sup>2</sup>/AWG 28 - 12  width 5.2 mm / 0.205 in  gray <b>2002-1201</b> 100</p>		
<p><b>End and Intermediate Plate, 0.8 mm thick</b></p> <p>orange <b>2002-1292</b> 100 (4 x 25)  gray <b>2002-1291</b> 100 (4 x 25)</p>		
<p><b>3-Conductor Terminal Block, ②</b></p> <p>0.08 - 2.5 (4) mm<sup>2</sup>/AWG 28 - 12  width 5.2 mm / 0.205 in  gray <b>2002-1301</b> 100</p>		
<p><b>End and Intermediate Plate, 0.8 mm thick</b></p> <p>orange <b>2002-1392</b> 100 (4 x 25)  gray <b>2002-1391</b> 100 (4 x 25)</p>		
<p><b>4-Conductor Terminal Block, ③</b></p> <p>0.08 - 2.5 (4) mm<sup>2</sup>/AWG 28 - 12  width 5.2 mm / 0.205 in  gray <b>2002-1401</b> 100</p>		
<p><b>End and Intermediate Plate, 0.8 mm thick</b></p> <p>orange <b>2002-1492</b> 100 (4 x 25)  gray <b>2002-1491</b> 100 (4 x 25)</p>		
		<p>① 48.5 mm / 1.91 in (2-Conductor)  ② 59.5 mm / 2.34 in (3-Conductor)  ③ 70.0 mm / 2.76 in (4-Conductor)</p>

# WAGO Multi Marking System WMB Horizontal Marking

	<b>Horizontal marking</b> <b>Consecutive numbers each strip</b>  <b>10 strips with 10 markers per card</b> <b>for terminal block widths</b> <b>4---4.2 mm and 5---12 mm</b>	
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Marking per card	Item No.	Item No.	Pack. unit pcs
	<b>Marker width</b>		
	<b>4 – 4.2 mm</b>	<b>5 – 5.2 mm</b>	
1 ... 10 (10x)	793-4502	793-5502	5 cards
11 ... 20 (10x)	793-4503	793-5503	5 cards
21 ... 30 (10x)	793-4504	793-5504	5 cards
31 ... 40 (10x)	793-4505	793-5505	5 cards
41 ... 50 (10x)	793-4506	793-5506	5 cards
51 ... 60 (10x)	793-4569	793-5569	5 cards
61 ... 70 (10x)	793-4570	793-5570	5 cards
71 ... 80 (10x)	793-4571	793-5571	5 cards
81 ... 90 (10x)	793-4572	793-5572	5 cards
91 ... 100 (10x)	793-4573	793-5573	5 cards
1 ... 50 (2x)	793-4566	793-5566	5 cards
51 ... 100 (2x)	793-4507	793-5507	5 cards
101 ... 150 (2x)	793-4508	793-5508	5 cards
151 ... 200 (2x)	793-4509	793-5509	5 cards
201 ... 300 (1x)	793-4510	793-5510	5 cards
301 ... 400 (1x)	793-4511	793-5511	5 cards
401 ... 500 (1x)	793-4512	793-5512	5 cards
501 ... 600 (1x)	793-4513	793-5513	5 cards
601 ... 700 (1x)	793-4514	793-5514	5 cards
701 ... 800 (1x)	793-4515	793-5515	5 cards
801 ... 900 (1x)	793-4516	793-5516	5 cards
901 ... 1000 (1x)	793-4517	793-5517	5 cards
1 ... 9, ; (10x)	793-4565	793-5565	5 cards
L1, L2, L3, N, PE, L1, L2, L3, N, PE (10x)	793-4472	793-5472	5 cards
R, S, T, U, V, W, X, Y, Z, Mp (10x)	793-4544	793-5544	5 cards
A, B, P, N, PE, PEN, L1, L2, L3, ⊕ (10x)	793-4545	793-5545	5 cards
<b>for double deck terminal blocks</b>	<b>for double deck terminal blocks</b>		
1, 3, 5, 7, 9, 11, ... 99 und 2, 4, 6, 8, 10, 12, ... 100 (1x)	-	793-5599	5 cards
<b>for triple deck terminal blocks</b>	<b>for triple deck terminal blocks</b>		
1, 4, 7, ... 99 (1x)	-	794-5557	5 cards
100, 103, 106, ... 198 (1x)	-	794-5558	5 cards
	<b>WMB Inline</b>	<b>2009-115</b>	



Stretching of a strip, stretchable from 4 mm up to 4.2 mm for series 2001 stretchable from 5 mm up to 5.2 mm for series 2002



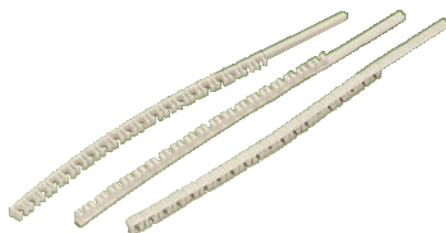
Separation of an individual marker from the strip, for series 2002





# Marker carriers for WCB Combi Marking System

<b>Marking carriers for 4 WCB markers</b>	<b>WCB Combi marking system</b>  <b>20 markers with identical numbers/letters each tag</b>	
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Item No.	Pack.-unit pcs	Marking per tag	Item No.	Marking per tag	Item No.
<b>Marker carriers for 4 WCB markers</b>		plain	<b>249-200</b>	A (20x)	<b>249-211</b>
<b>2009-184</b>		1 (20x)	<b>249-201</b>	B (20x)	<b>249-212</b>
		2 (20x)	<b>249-202</b>	C (20x)	<b>249-213</b>
suitable for terminal blocks with WMB marking receptable		3 (20x)	<b>249-203</b>	D (20x)	<b>249-214</b>
		4 (20x)	<b>249-204</b>	E (20x)	<b>249-215</b>
		5 (20x)	<b>249-205</b>	F (20x)	<b>249-216</b>
		6 (20x)	<b>249-206</b>	G (20x)	<b>249-217</b>
		7 (20x)	<b>249-207</b>	H (20x)	<b>249-218</b>
		8 (20x)	<b>249-208</b>	I (20x)	<b>249-219</b>
		9 (20x)	<b>249-209</b>	J (20x)	<b>249-220</b>
		0 (20x)	<b>249-210</b>	K (20x)	<b>249-221</b>
				L (20x)	<b>249-222</b>
		1...0 (2x)	<b>249-239</b>	M (20x)	<b>249-223</b>
				N (20x)	<b>249-224</b>
		1. (20x)	<b>249-241</b>	O (20x)	<b>249-225</b>
		2. (20x)	<b>249-242</b>	P (20x)	<b>249-226</b>
		3. (20x)	<b>249-243</b>	Q (20x)	<b>249-227</b>
		4. (20x)	<b>249-244</b>	R (20x)	<b>249-228</b>
		5. (20x)	<b>249-245</b>	S (20x)	<b>249-229</b>
		6. (20x)	<b>249-246</b>	T (20x)	<b>249-230</b>
		7. (20x)	<b>249-247</b>	U (20x)	<b>249-231</b>
		8. (20x)	<b>249-248</b>	V (20x)	<b>249-232</b>
		9. (20x)	<b>249-249</b>	W (20x)	<b>249-233</b>
		0. (20x)	<b>249-250</b>	X (20x)	<b>249-234</b>
				Y (20x)	<b>249-235</b>
		+ (20x)	<b>249-237</b>	Z (20x)	<b>249-236</b>
		- (20x)	<b>249-238</b>		
		Pieces per packing unit: 10 tags			



Insert WCB Combi marker into marker carrier



...and insert the marker carrier into the WMB marking receptacle of the terminal block

	Item No.	Pack Unit
	<b>Marking Adapter for jumper slots</b>	
	gray	<b>2002-161 100</b>
	<b>Marking Adapter for lateral marker receptacle</b>	
	gray	<b>2009-198 200</b>



# Cost-Efficient and Fast Marking

<b>WMB Inline</b>	<b>Marking strip, white for center marking</b>	<b>Thermal transfer printer</b>
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.		
<b>WMB Inline</b> , pitch 5 mm/0.197 in, stretchable 5 mm – 5.2 mm/0.197 in – 0.205 in, on roll, 1,500 markers white	<b>2009-115</b>	1	<b>Marker strip</b> , white, plain for center marking 11 mm/0.039 in wide, on roll 50 m	<b>2009-110</b>	1	<b>Thermal transfer printer, TP298</b> 258-298
			300 m	<b>2009-130</b>	1	Resolution 300 dpi, without display ProServe Software included
						Marking systems: WMB markers on roll marker strips 50 m and 300 m on roll and labels
<b>Application notes</b>						



**WMB Inline**  
WMB markers on roll



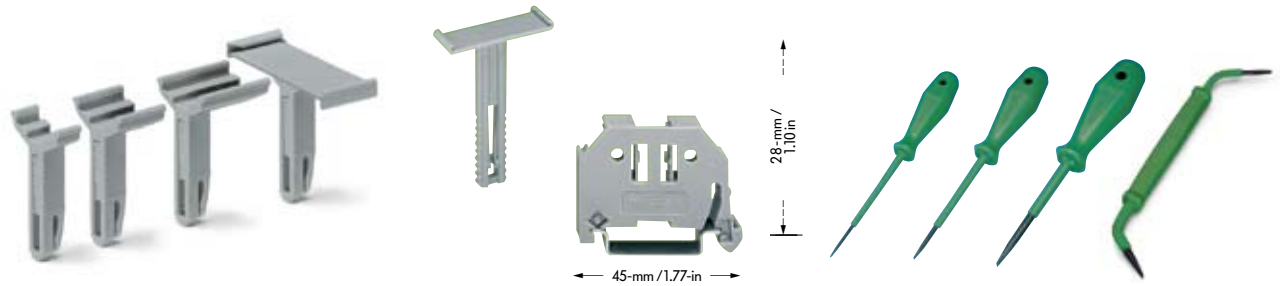
**Marker strips**  
on roll



**Labels**

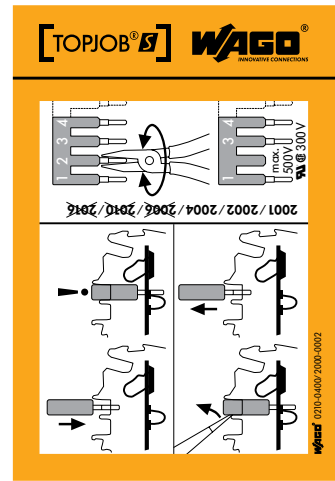
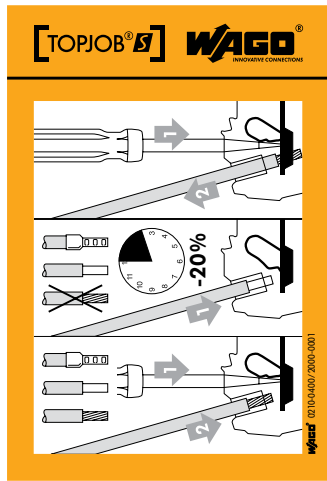
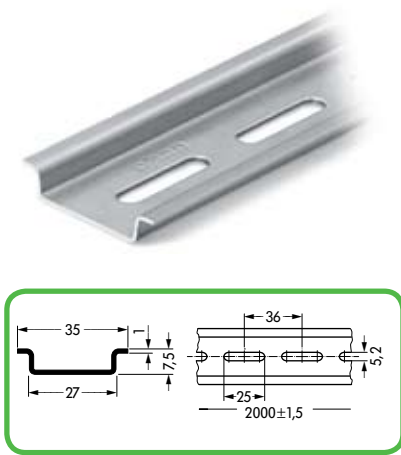
# Mounting Accessories Carrier Rails and Stickers for Operating Instructions

<b>TOPJOB®S group marker carriers</b>  Module width 5 mm / 0.197 in Module width 10 mm / 0.394 in Module width 15 mm / 0.591 in  for marker cards and self-adhesive marker cards	<b>Adjustable height group marker carriers</b>  End stop	<b>Screwdrivers with partially insulated shaft for optimum handling in terminal blocks</b>
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>TOPJOB®S group marker carrier, snap-on type for jumper slot</b>		<b>Adjustable height group marker carriers,</b>		<b>Screwdriver with partially insulated shaft,</b>	
5 mm/0.197 in wide <b>2009-191</b>	50	<b>249-119</b>	50 (2 x 25)	type 1, blade 2.5 x 0.4 mm / 0.098 in x 0.016 in, suitable for series 2001, 2000	
10 mm/0.394 in wide <b>2009-192</b>	50	<b>Marker card . . .</b> , from white cardboard, for self-marking, 100 markers per sheet		<b>210-719</b>	1
15 mm/0.591 in wide <b>2009-193</b>	50	<b>209-113</b>	1 sheet	type 2, blade 3.5 x 0.5 mm / 0.137 in x 0.020 in, suitable for Series 2002, 2004	
suitable for: WAGO Multi marking system WMB, miniature WSB Quick marking system, marker strips, 11 mm wide		<b>. . . or self-adhesive label,</b> for self-marking, 7 x 25 pcs per sheet		<b>210-720</b>	1
for marker cards and self-adhesive marker cards		<b>210-345</b>	1 sheet	type 3, blade 5.5 x 0.8 mm / 0.217 in x 0.031 in, suitable for Series 2006, 2010, 2016	
<b>2009-196</b>	50	<b>Protection cover, transparent</b>		<b>210-721</b>	1
		<b>209-114</b>	50	<b>Screwdrivers with partially insulated shaft, – set –</b> types 1 – 3	<b>210-722</b>
		<b>End stop, for DIN 35 rail</b>		<b>2009-310</b>	1
		6 mm/0.236 in wide <b>249-116</b>	100 (4 x 25)		
		10 mm/0.394 in wide <b>249-117</b>	50 (2 x 25)		
				<b>TOPJOB®S tool with partially insulated shaft</b> suitable for Series 2003, 2005	
				<b>2009-310</b>	1

<b>Carrier rail 35 x 7.5 mm, 1 mm/0.039 in thick, acc. to EN 60715, Steel, I<sub>N</sub> 76 A (referred to a length of 1 m)</b>	<b>Operating sticker for TOPJOB®S rail-mounted terminal blocks</b>  Size 80 mm x 101 mm	<b>Operating sticker for TOPJOB®S jumpers</b>  Size 80 mm x 101 mm
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
<b>Steel rail 35-x-7.5 mm, 1-mm/0.039 in thick</b> unslotted <b>210-113</b>	10	<b>Operating sticker,</b> for TOPJOB®S rail-mounted terminal blocks Series 2001/2002/2004/2006/2010/2016		<b>Operating sticker,</b> for TOPJOB®S jumpers Series 2001/2002/2004/2006/2010/2016	
<b>Steel rail 35-x-7.5 mm, 1-mm/0.039 in thick</b> slotted <b>210-112</b>	10	<b>210-400/2000-0001</b>	100	<b>210-400/2000-0002</b>	100

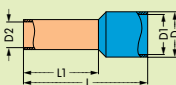


# TOPJOB®S

## Ferrules for Rail-Mounted Terminal Blocks and Crimping Tools

Insulated ferrules, electrolytic copper, electro-tin plated, acc. to DIN 46228, part 4/09.90		
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Dimensions (in mm)	suitable for series	Sleeve for mm <sup>2</sup>	AWG	Color	Stripped length mm	L	L1	D mm	D1	D2	Item No	Pack.-unit pcs
 Insulated ferrules	2001 – 2002	0.5	22	white	12	16	10	3.1	2.6	1.0	216-241	1000
	2001 – 2002	0.75	20	grey	12	16	10	3.3	2.8	1.2	216-242	1000
	2002 – 2006	0.75	20	grey	14	18	12	3.3	2.8	1.2	216-262	1000
	2001 – 2002	1.0	18	red	12	16	10	3.5	3.0	1.4	216-243	1000
	2002 – 2006	1.0	18	red	14	18	12	3.5	3.0	1.4	216-263	1000
	2001 – 2002	1.5	16	black	12	16	10	4.0	3.5	1.7	216-244	1000
	2002 – 2006	1.5	16	black	14	18	12	4.0	3.5	1.7	216-264	1000
	2010 – 2016	1.5	16	black	20	24	18	4.0	3.5	1.7	216-284	1000
	2002	2.5	14	blue	12	17	10	4.7	4.2	2.2	216-246	1000
	2002 – 2006	2.5	14	blue	14	19	12	4.7	4.2	2.2	216-266	1000
	2010 – 2016	2.5	14	blue	20	25	18	4.7	4.2	2.2	216-286	1000
	2004 – 2006	4.0	12	grey	14	20	12	5.4	4.8	2.8	216-267	500
	2010 – 2016	4.0	12	grey	20	26	18	5.4	4.8	2.8	216-287	500
	2006	6.0	10	yellow	14	20	12	6.9	6.3	3.5	216-208	500
2010 – 2016	6.0	10	yellow	20	26	18	6.9	6.3	3.5	216-288	500	
2010 – 2016	10.0	8	red	20	28	18	8.4	7.6	4.5	216-289	500	
2016	16.0	6	blue	23	28	18	9.6	8.8	5.8	216-210	500	












### Application notes














- With the Variocrimp 4 built-in crimping pressure plates control the crimping force automatically for the conductor cross section used. With the Variocrimp 16 it is necessary to select the wire gauge on the tool before crimping.
- Each tool has only one crimping station for all the wire sizes handled.
- Uniform compact crimping from all four sides for high conductor retention.
- No need to center the conductor in the ferrule sleeve.
- Conductor and ferrule insertion possible from both sides (for left- and right handed).
- Built-in ratchet to guarantee complete crimping every time.
- Tools open automatically after crimping operation is complete.
- Comfortable handles for operator.

Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
<b>Variocrimp 4,</b> <b>Crimping tool for ferrules</b> <b>insulated and uninsulated,</b> 0.25 mm <sup>2</sup> – 4 mm <sup>2</sup> / AWG 24 – 12		<b>Variocrimp 16,</b> <b>Crimping tool for ferrules</b> <b>insulated and uninsulated,</b> 6 mm <sup>2</sup> – 16 mm <sup>2</sup> / AWG 10 – 6	
<b>206-204</b>	1	<b>206-216</b>	1
weight 400 g / 0.882 lbs		weight 580 g / 1.28 lbs	

## TOPJOB® S Overview of Connectable Ferrules from 0.5 mm<sup>2</sup>

											
Series	Rated cross-section in mm <sup>2</sup>	0.5 mm <sup>2</sup>	0.75 mm <sup>2</sup>	1 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	
2001	0.25 – 1.5 (2.5)	216-241	216-242	216-243	216-244	—	—	—	—	—	
2002	0.25 – 2.5 (4)	216-241	216-242	216-243	216-244	216-246	—	—	—	—	
2003	0.25 – 2.5 (4)	216-241	216-242	216-243	216-244	216-246	—	—	—	—	
2004	0.5 – 4 (6)	—	216-262	216-263	216-264	216-266	216-267	—	—	—	
2005	0.5 – 4 (6)	—	216-262	216-263	216-264	216-266	216-267	—	—	—	
2006	0.5 – 6 (10)	—	216-262	216-263	216-264	216-266	216-267	216-208	—	—	
2010	0.5 – 10 (16)	—	—	216-263	216-284	216-286	216-287	216-288	216-289	—	
2016	0.5 – 16 (25)	—	—	—	216-284	216-286	216-287	216-288	216-289	216-210	

## TOPJOB® S Overview of Ferrules that can be Connected Directly (Push In)

											
Series	Rated cross-section in mm <sup>2</sup>	0.5 mm <sup>2</sup>	0.75 mm <sup>2</sup>	1 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	
2001	0.25 – 1.5 (2.5)	—	216-242	216-243	216-244	—	—	—	—	—	
2002	0.25 – 2.5 (4)	—	216-242	216-243	216-244	216-246	—	—	—	—	
2003	0.25 – 2.5 (4)	—	216-242	216-243	216-244	216-246	—	—	—	—	
2004	0.5 – 4 (6)	—	216-262	216-263	216-264	216-266	216-267	—	—	—	
2005	0.5 – 4 (6)	—	216-262	216-263	216-264	216-266	216-267	—	—	—	
2006	0.5 – 6 (10)	—	—	—	216-264	216-266	216-267	216-208	—	—	
2010	0.5 – 10 (16)	—	—	—	—	216-286	216-287	216-288	216-289	—	
2016	0.5 – 16 (25)	—	—	—	—	216-286	216-287	216-288	216-289	216-210	

# TOPJOB<sup>®</sup>S

## Separator Plates, Oversized

Separator plates, oversized suitable for 2002 Series Terminal Blocks	Separator plates, oversized suitable for 2004 Series Terminal Blocks	Separator plates, oversized suitable for 2006 Series Terminal Blocks
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Item no.	Pack-unit pcs.	Item no.	Pack-unit pcs.	Item no.	Pack-unit pcs.
<b>Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 2-conductor terminal blocks</b>		<b>Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 2-conductor terminal blocks</b>		<b>Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 2-conductor terminal blocks</b>	
orange	<b>2002-1294</b>	100	orange	<b>2004-1294</b>	100
gray	<b>2002-1293</b>	100	gray	<b>2004-1293</b>	100



Item no.	Pack-unit pcs.	Item no.	Pack-unit pcs.	Item no.	Pack-unit pcs.
<b>Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 3-conductor terminal blocks</b>		<b>Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 3-conductor terminal blocks</b>		<b>Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 3-conductor terminal blocks</b>	
orange	<b>2002-1394</b>	100	orange	<b>2004-1394</b>	100
gray	<b>2002-1393</b>	100	gray	<b>2004-1393</b>	100



Item no.	Pack-unit pcs.	Item no.	Pack-unit pcs.	Item no.	Pack-unit pcs.
<b>Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 4-conductor terminal blocks</b>		<b>Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 4-conductor terminal blocks</b>		<b>Exe/Exi, separator, 3 mm/ .117 in thick</b>	
orange	<b>2002-1494</b>	100	orange	<b>2004-1494</b>	100
gray	<b>2002-1493</b>	100	gray	<b>2004-1493</b>	100
				90 mm wide	<b>209-190</b>
				120 mm wide	<b>209-191</b>
				125.5 mm wide	<b>209-192*</b>
					50

\*(shown above)







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