

# 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.).

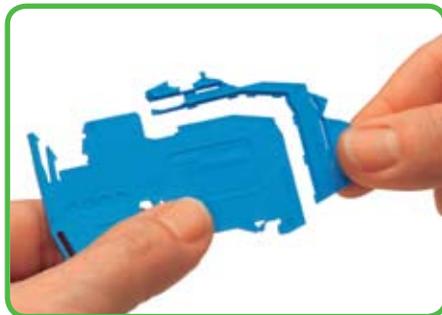


Screwless N-disconnect slide link for automatic and safe connection onto the N-busbar by simply sliding the link.



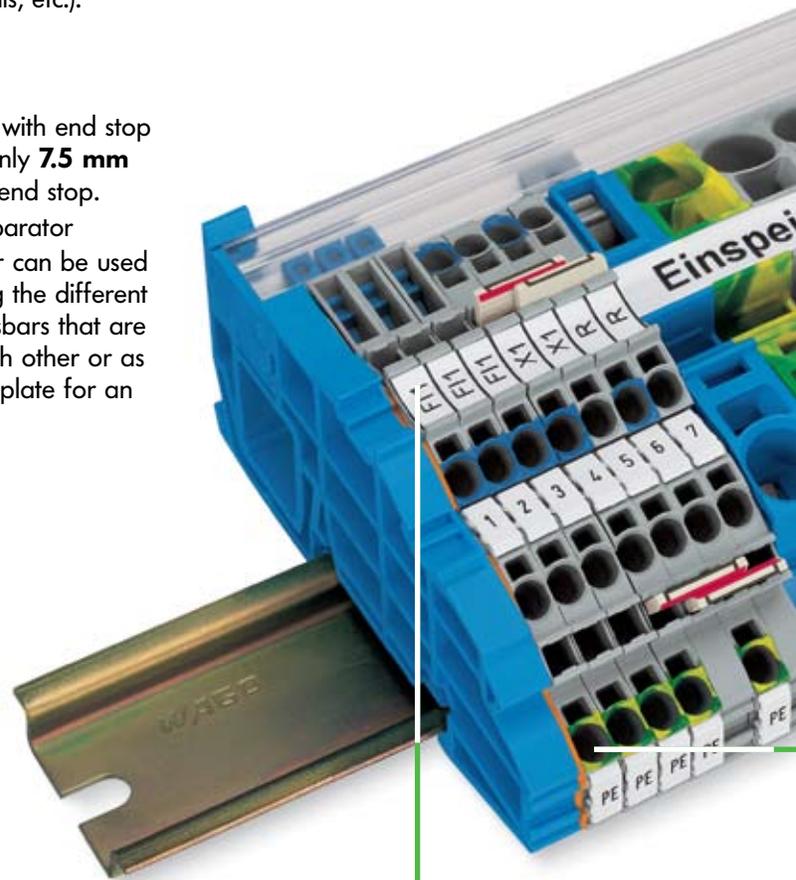
The busbar carrier with end stop function, which is only **7.5 mm wide** can replace end stop.

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.

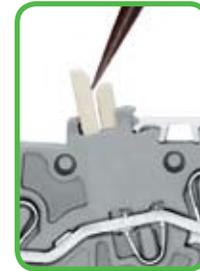


Commoning is done using the new staggered jumper system in one single TOPJOB®S jumper slot. The multilevel installation terminal blocks of Series 2003 are therefore suitable for use in very confined spaces.



#### 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.

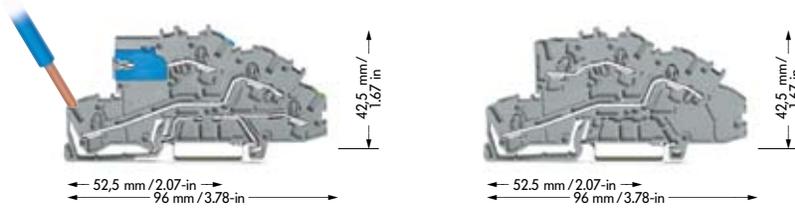
# TOPJOB® S

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

### Series 2003

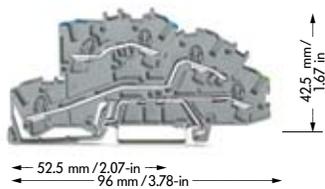
|   |                    |  |                    |   |
|---|--------------------|--|--------------------|---|
| <b>0.25 – 2.5 (4) mm<sup>2</sup></b><br><b>250 V/4 kV @ 3</b><br><b>400 V/6 kV @ 3</b><br><b>32 A</b><br>Terminal block width 5.2 mm / 0.205 in<br> 10 – 12 mm / 0.43 in | <b>AWG 22 – 12</b> | <b>0.25 – 2.5 (4) mm<sup>2</sup></b><br><b>400 V/6 kV/3</b><br><b>32 A</b><br>Terminal block width 5.2 mm / 0.205 in<br> 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> |
|---|--------------------|--|--------------------|---|

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

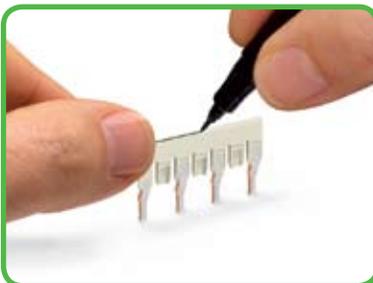
Individual jumper contacts can be broken off by bending them. The remaining piece of insulation meets the requirements for the air and creepage distance.

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)   |

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### 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.

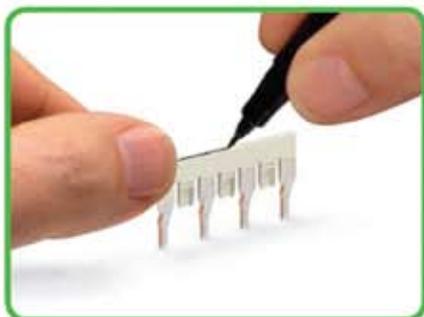
This makes it possible to create custom staggered jumpers, e.g. for bridging over a terminal block with a different potential. When creating the jumpers, make sure that only one contact lug is in contact with the terminal block.

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**  
Staggered for use in a jumper slot

Locate red stripes of the **staggered jumpers** on the inside