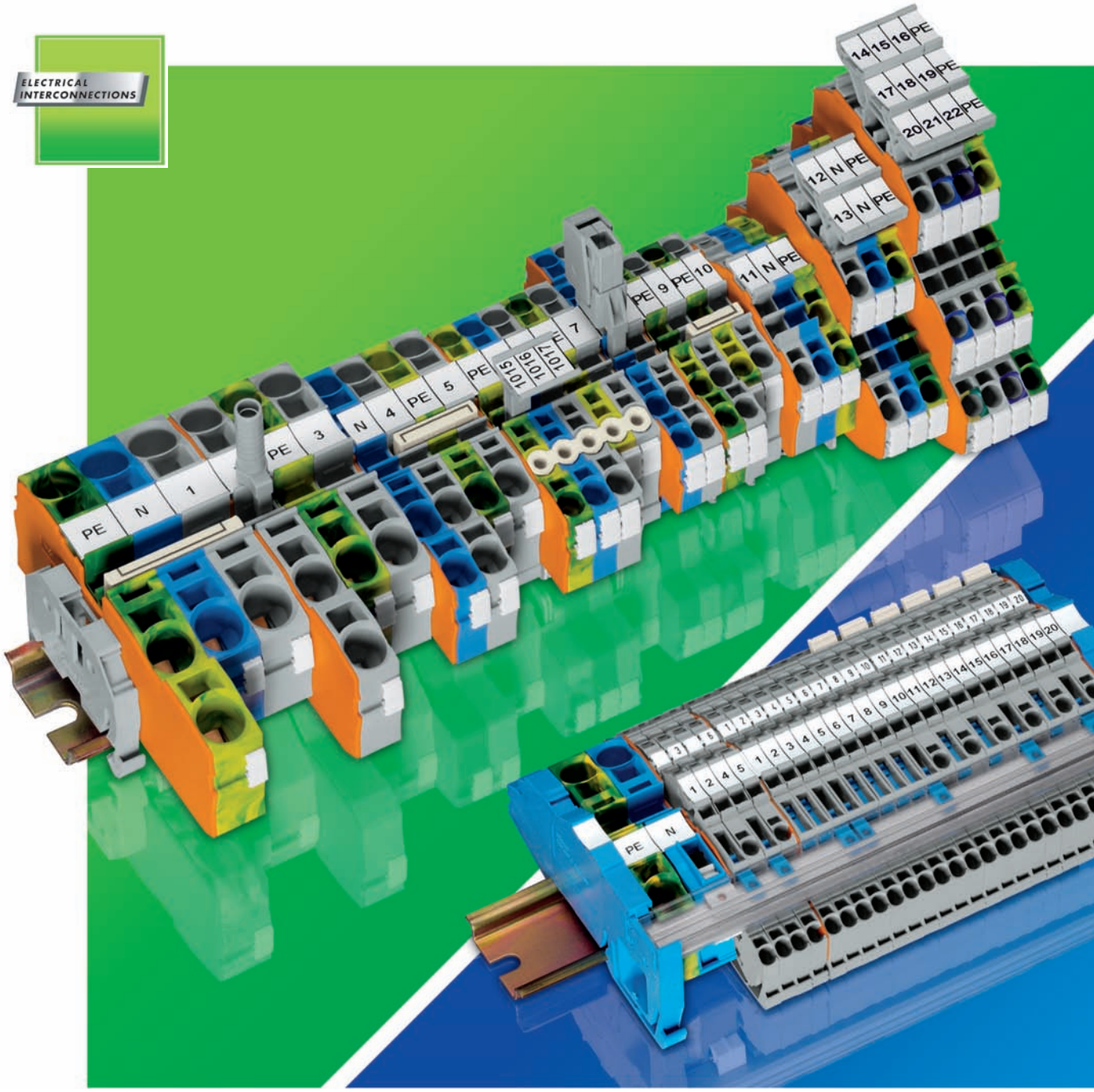
ELECTRICAL INTERCONNECTIONS



TOPJOB®S

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

WAGO®
INNOVATIVE CONNECTIONS

TOPJOB®S

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

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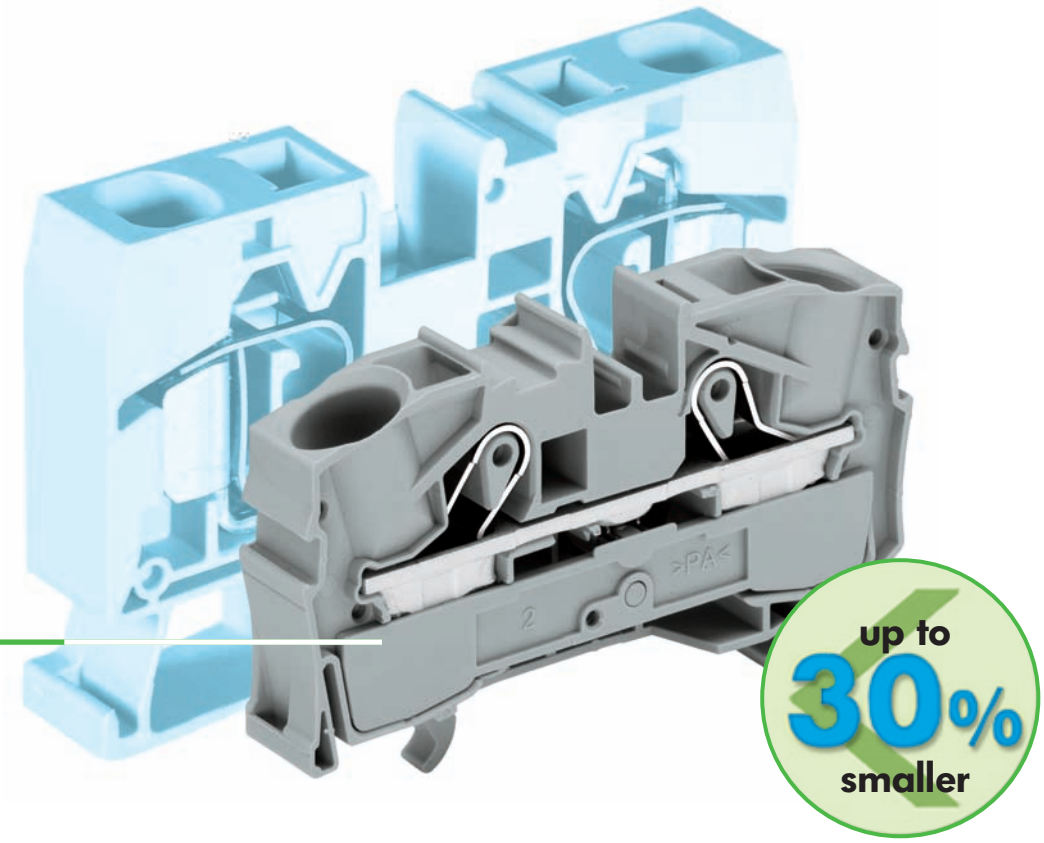
Simply smaller

The new standard for rail-mounted terminal blocks

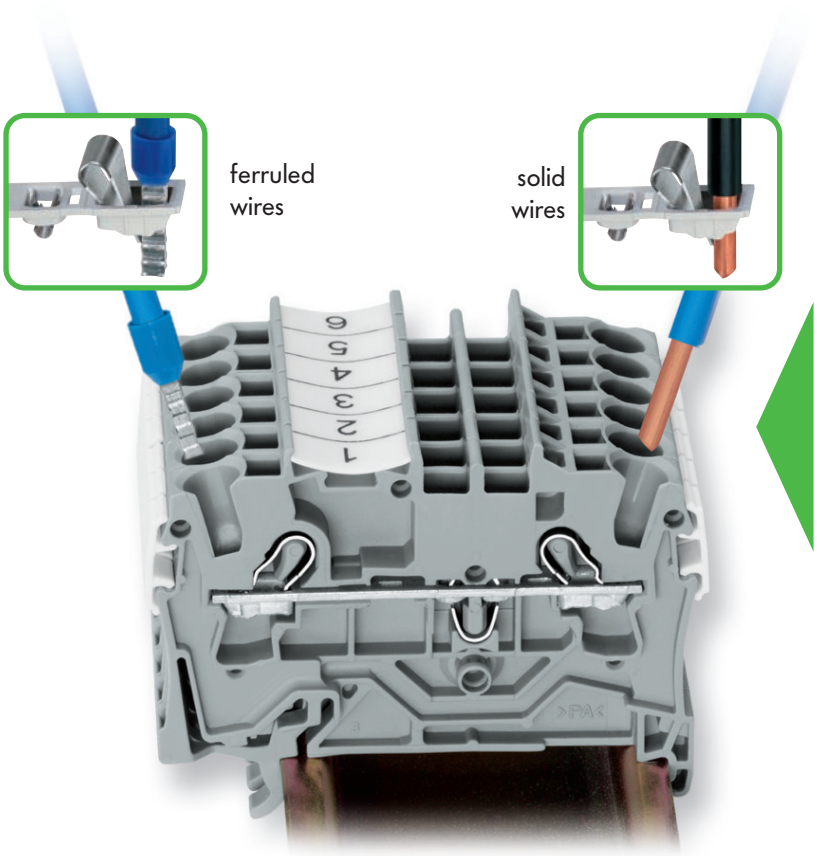


TOPJOB®S DIN 35 rail-mounted terminal blocks with CAGE CLAMP®S technology are the smallest on the market resulting in a space saving of up to 30%.

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

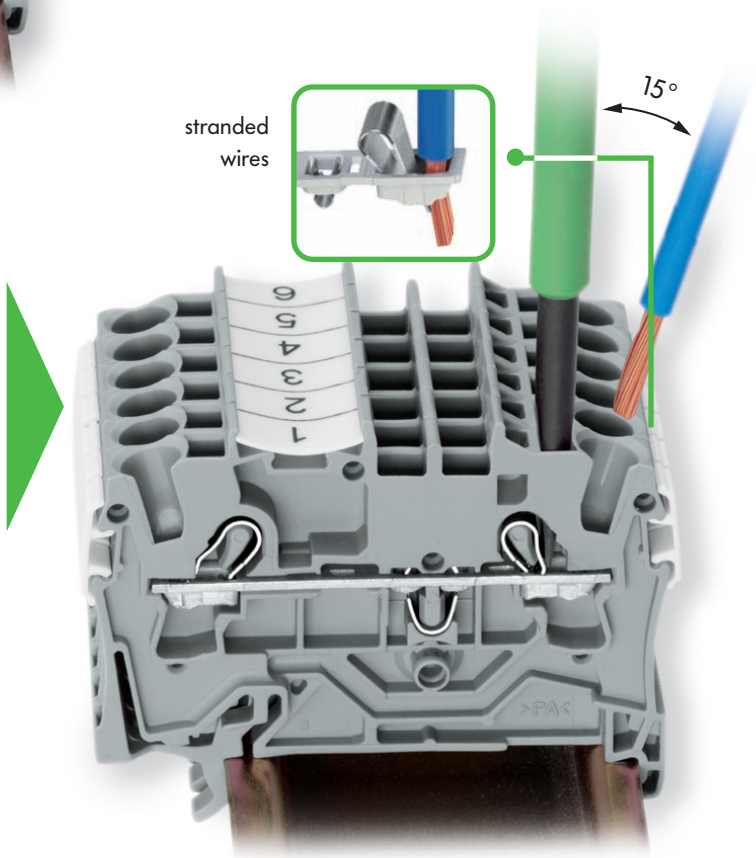


Stripped solid conductors, stranded conductors with ferrules, or ultrasonically "bonded" conductors are easily connected by simply pushing the wire into the wire entry.

For conductors rated 0.5 mm² (AWG 20) to 16 mm² (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.

Wire removal
The conductor is removed using a screwdriver, like the original CAGE CLAMP®.

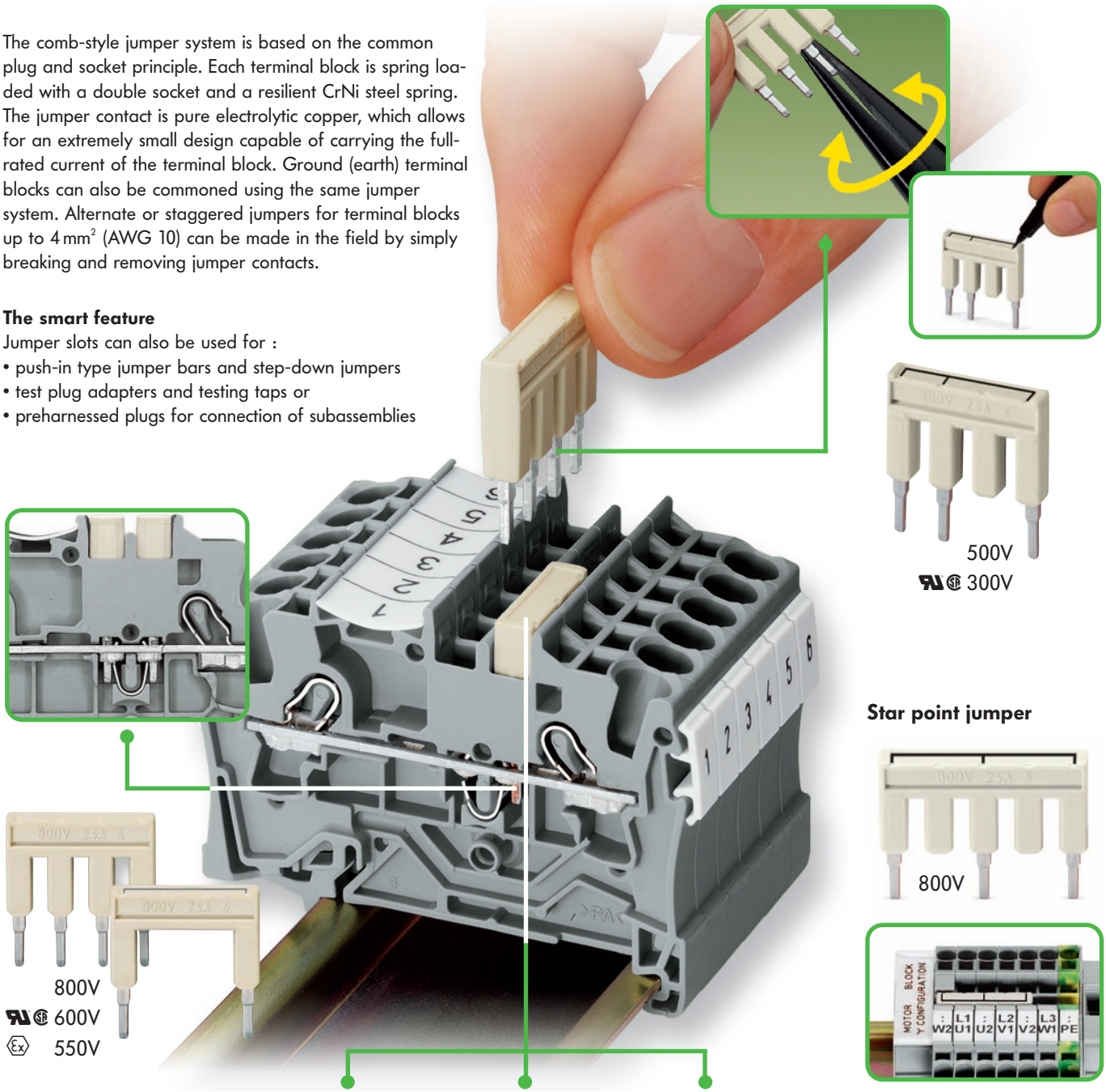
Simply jumpered

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 mm² (AWG 10) can be made in the field by simply breaking and removing jumper contacts.

The smart feature

Jumper slots can also be used for :

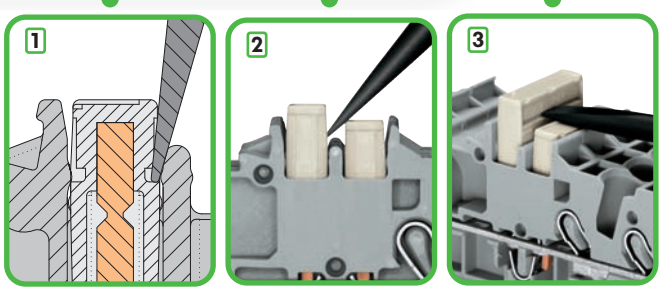
- push-in type jumper bars and step-down jumpers
- test plug adapters and testing taps or
- preharnessed plugs for connection of subassemblies



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.



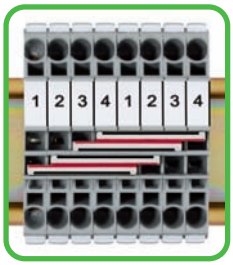
Star point jumper

This jumper has been specially developed to create a "star point" and is used on motor terminal boards equipped with TOPJOB®S rail-mounted terminal blocks.

The star point jumper is available for the Series 2002, 2004, 2006, 2010 and 2016. Item no. upon request.

Simply commoned with staggered jumpers

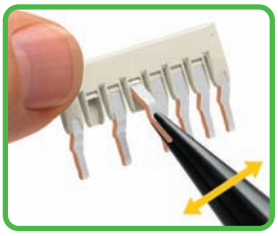
The special design of the TOPJOB®S staggered jumpers allows two jumpers to be used in each jumper slot of the 2002 Series TOPJOB®S rail-mounted terminal blocks and 2003 Series multilevel installation terminal blocks. This means that four different potentials can be commoned simultaneously using rail-mounted terminal blocks with dual jumper slots.



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



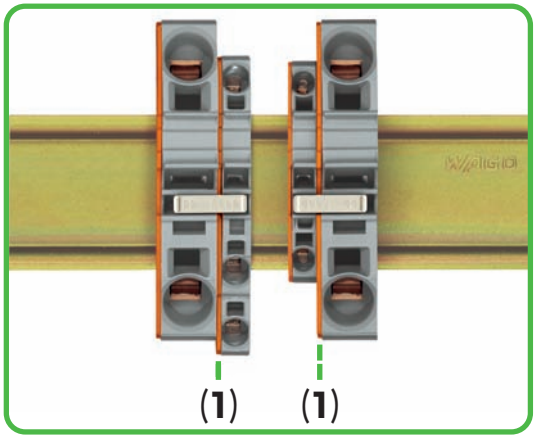




Custom staggered jumpers are created by breaking off individual jumper contacts. Make sure that only one contact lug is in contact with the terminal block. See also page 28.

Simply jumpered

with step-down jumpers

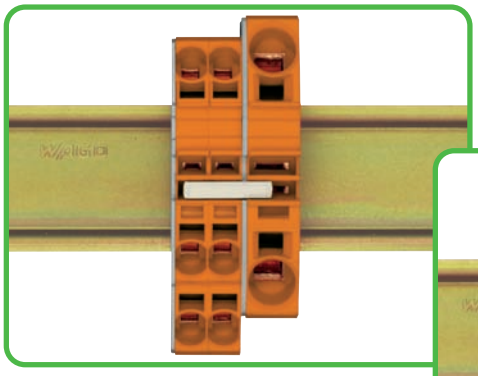


An end plate (1) must always be applied between the terminal blocks to be **commoned with step-down jumpers**.

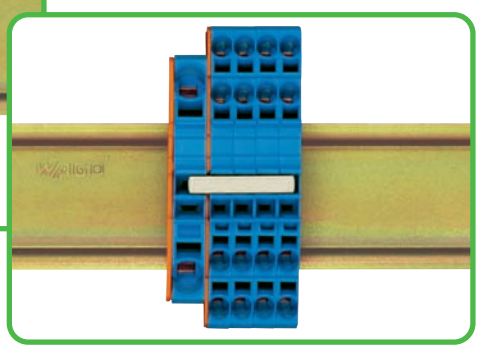
Note
The total current flowing cannot exceed the rating of the step-down jumper or push-in type jumper bar.

The step-down jumper 2016-499 is suitable for commoning 16 / 10 mm² (AWG 4 / 6) terminal blocks with 10 / 6 / 4 / 2.5 mm² (AWG 6 / 8 / 10 / 12) terminal blocks.
The step-down jumper 2006-499 is suitable for commoning 6 / 4 mm² (AWG 8 / 10) terminal blocks with 4 / 2.5 / 1.5 mm² (AWG 10 / 12 / 14) terminal blocks.

with push-in type jumper bars



When commoning on the open side of the block using an end plate, terminal blocks 16 mm² (AWG 4) and 10 mm² (AWG 6) can be commoned with terminal blocks rated two sizes below the rated cross section and terminal blocks 6 (AWG 8) / 4 (AWG 10) and 2.5 mm² (AWG 12) can be commoned with terminal blocks rated one size below the rated cross section.



For example, terminal blocks 16 mm² (AWG 4) can be commoned with terminal blocks 6 mm² (AWG 8) (see ill.) or terminal blocks 10 mm² (AWG 6) with terminal blocks 4 mm² (AWG 10).

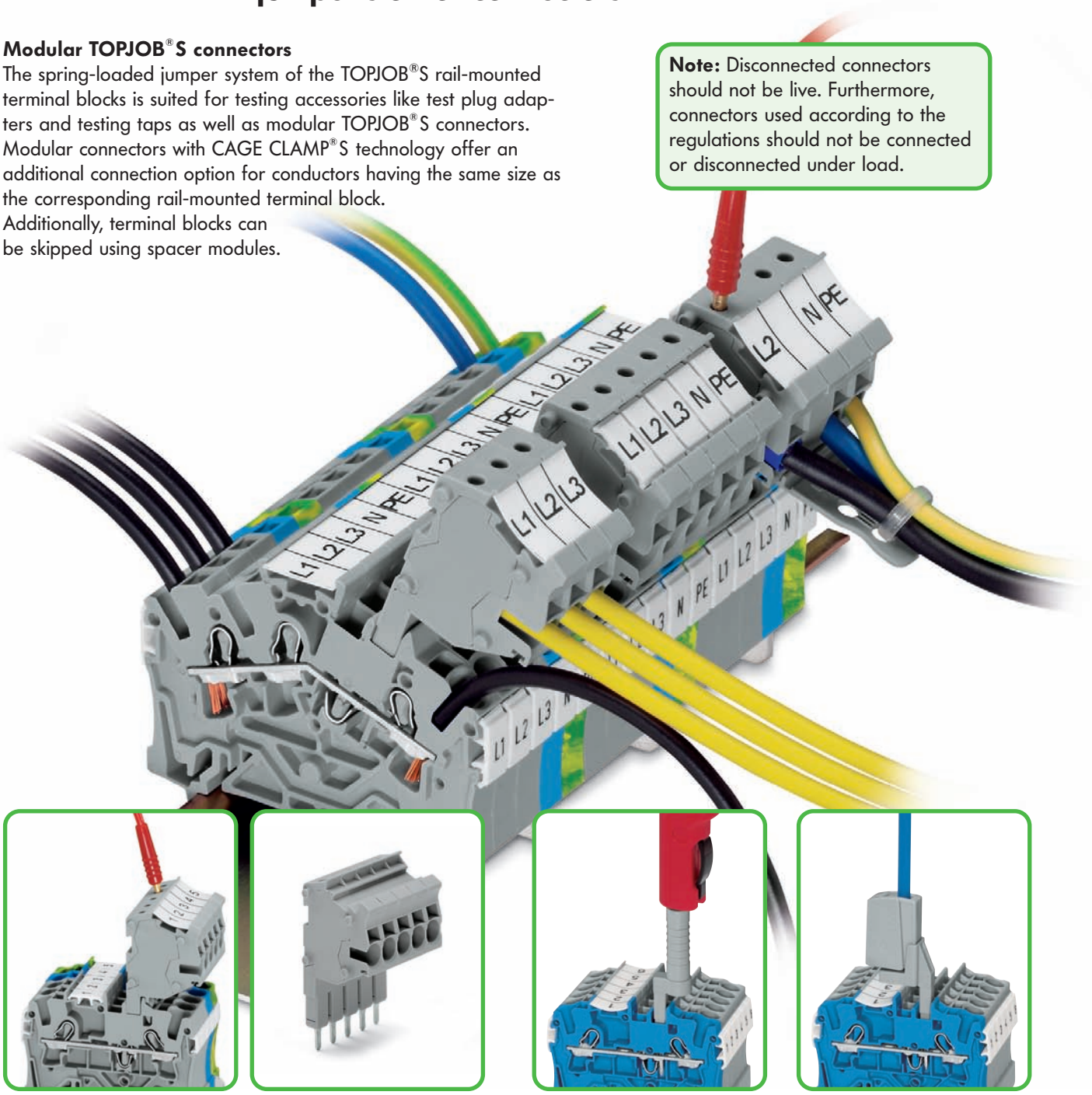
When commoning on the back side of the block using an end plate, terminal blocks can be commoned with terminal blocks rated two sizes below the rated cross section. For example, 16 mm² (AWG 4) terminal blocks can be commoned with terminal blocks 6 mm² (AWG 8) or terminal blocks 6 mm² (AWG 8) with terminal blocks 2.5 mm² (AWG 12) (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.



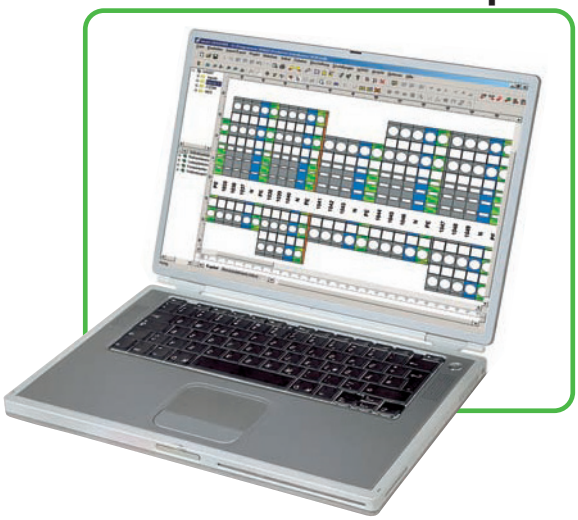
Modular connectors and connector strips
The modular connectors for the Series 2001, 2002 and 2004 are equipped with a Ø 2 mm/0.079 in or Ø 2.3 mm/0.091 in test socket.
Additionally, 2 to 10-pole connector strips for the Series 2001 and 2002 as well as 2 to 5-pole connector strips for the Series 2004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

Testing tap
Testing tap suited for Series 2001 to 2016. Individual test wires up to 2.5 mm² (AWG 12) can be connected without using any tools.

Connectors
Connectors for Series 2001, 2002 and 2004 are equipped with a Ø 2 mm / 0.079 in or Ø 2.3 mm / 0.091 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 4.1 software.

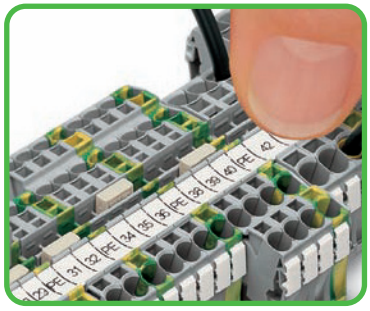
Printing …

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



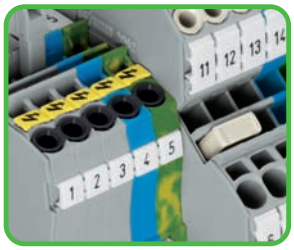
Snapping …

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

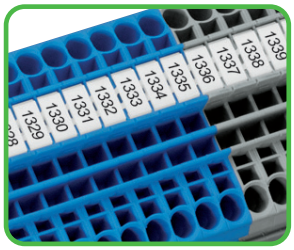




Combining marker strips and individual WMB markers.



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



Three receptacles are available for WMB markers on continuous reel.

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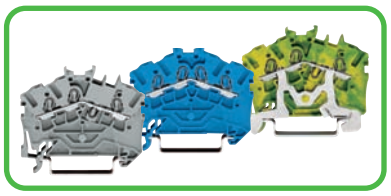
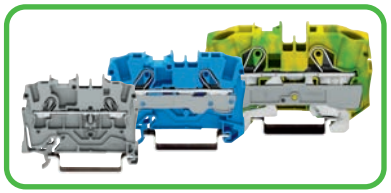


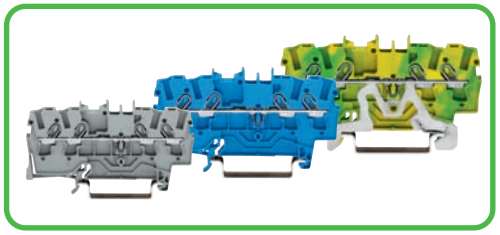
3- and 4-conductor terminal blocks
2.5 mm² (AWG 12)



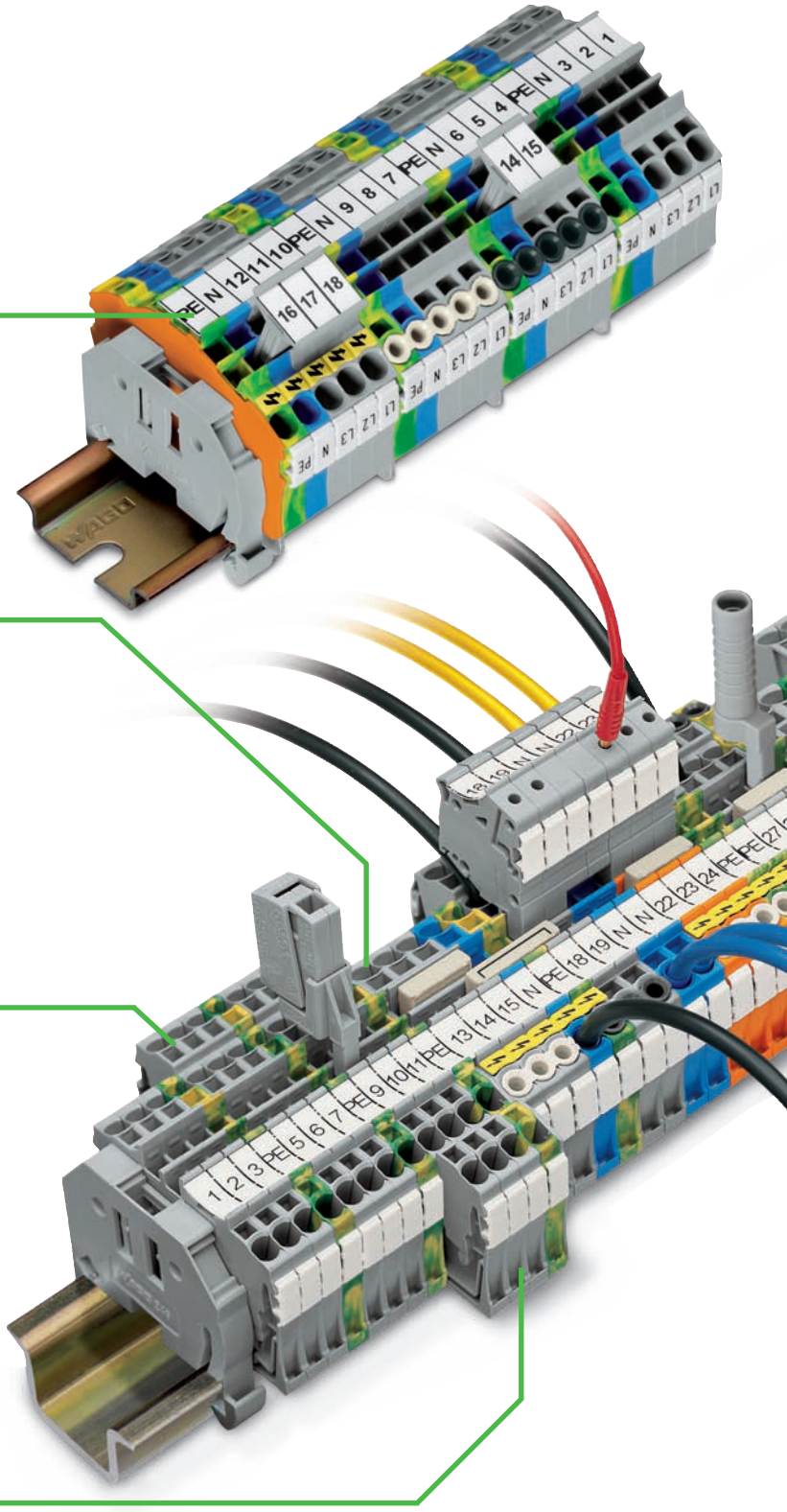
2-conductor terminal blocks
1.5 mm² (AWG 14); 2.5 mm² (AWG 12);
4 mm² (AWG 10); 6 mm² (AWG 8);
10 mm² (AWG 6); 16 mm² (AWG 4)



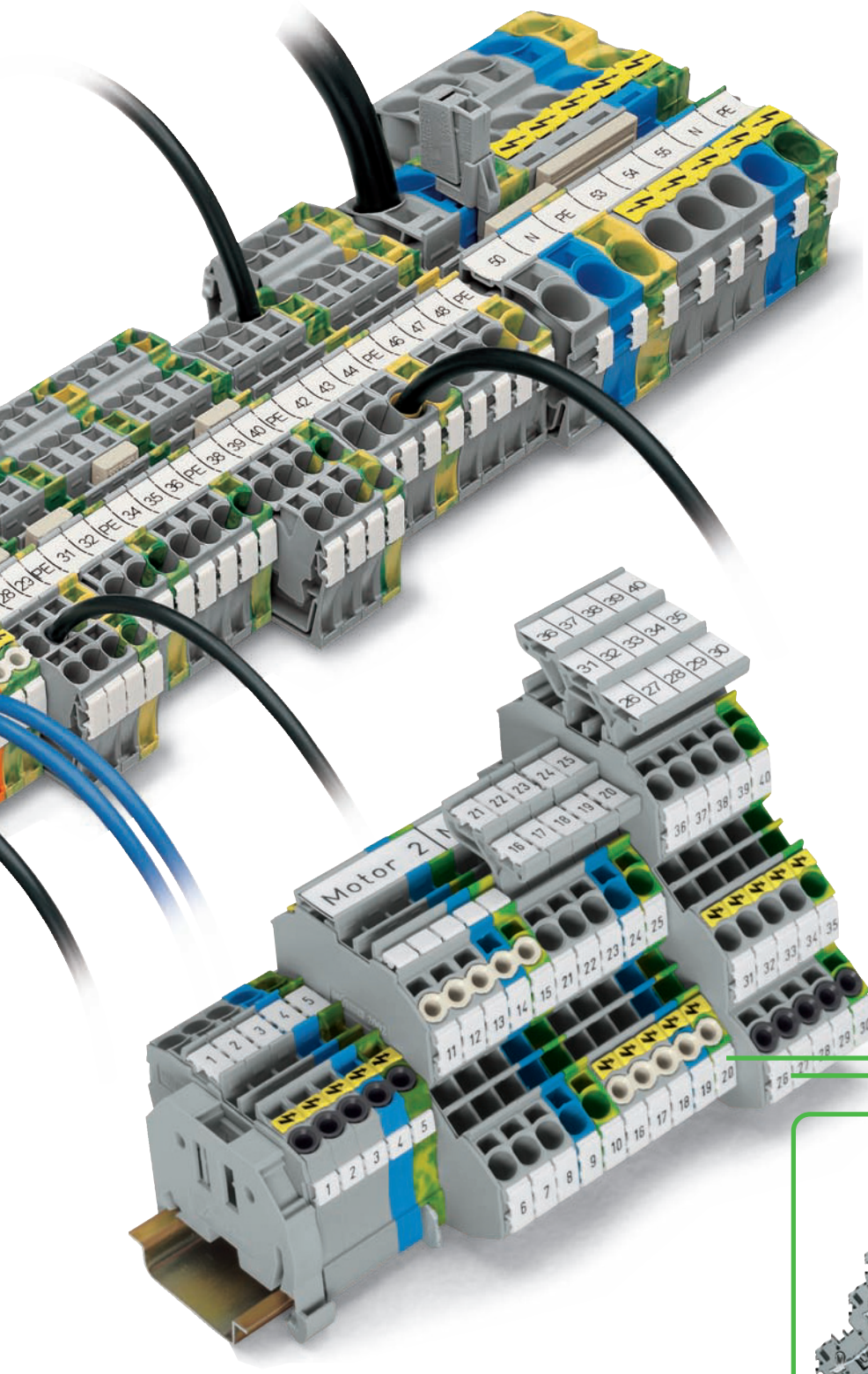
3-conductor terminal blocks
1.5 mm² (AWG 14); 2.5 mm² (AWG 12);
4 mm² (AWG 10); 6 mm² (AWG 8);
10 mm² (AWG 6); 16 mm² (AWG 4)



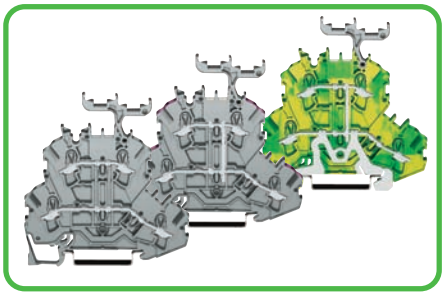
4-conductor terminal blocks
1.5 mm² (AWG 14);
2.5 mm² (AWG 12);
4 mm² (AWG 10)



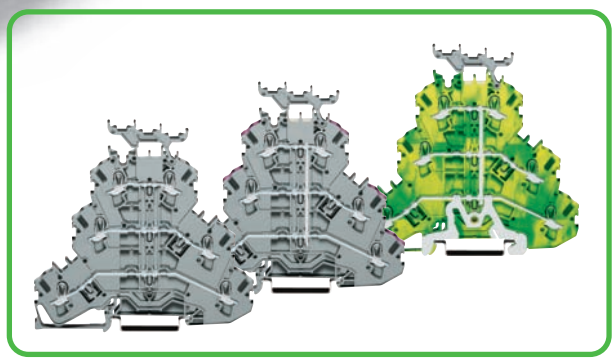
Series	2001	2002	2004	2006	2010	2016
Rated cross section	1.5 mm² AWG 14	2.5 mm² AWG 12	4 mm² AWG10	6 mm² AWG 8	10 mm² AWG 6	16 mm² AWG 4



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



Double deck terminal blocks



Triple deck terminal blocks

Series	2002
Rated cross section	2.5 mm² / AWG 12

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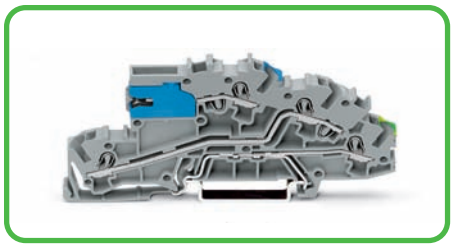
Very compact dimensions provide maximum wiring space in standard distribution boxes. The 2003 Series multilevel installation terminal blocks are the smallest terminal blocks with direct insertion wire connection on the market providing the full functionality of a 4 mm² terminal block.



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

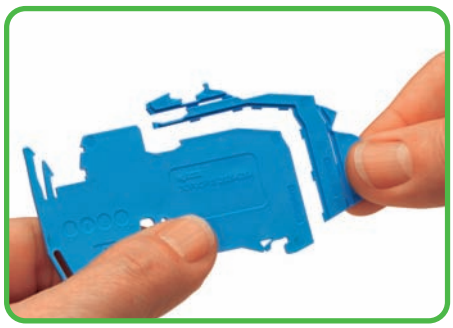


Screwless N-disconnect slide link for automatic and safe connection onto the N-busbar by simply sliding the link.



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.



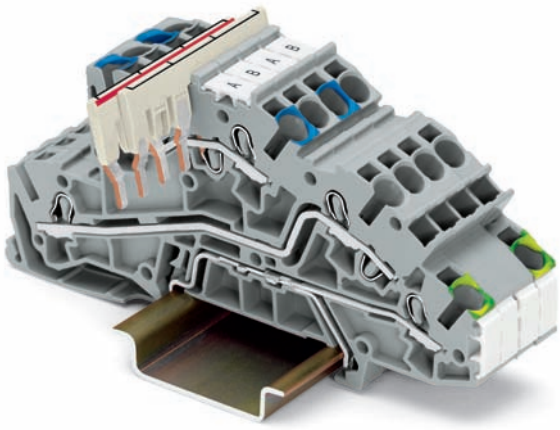
The compact busbar carrier, which is placed every 200 mm, is used to additionally support the busbar on a long assembly.

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

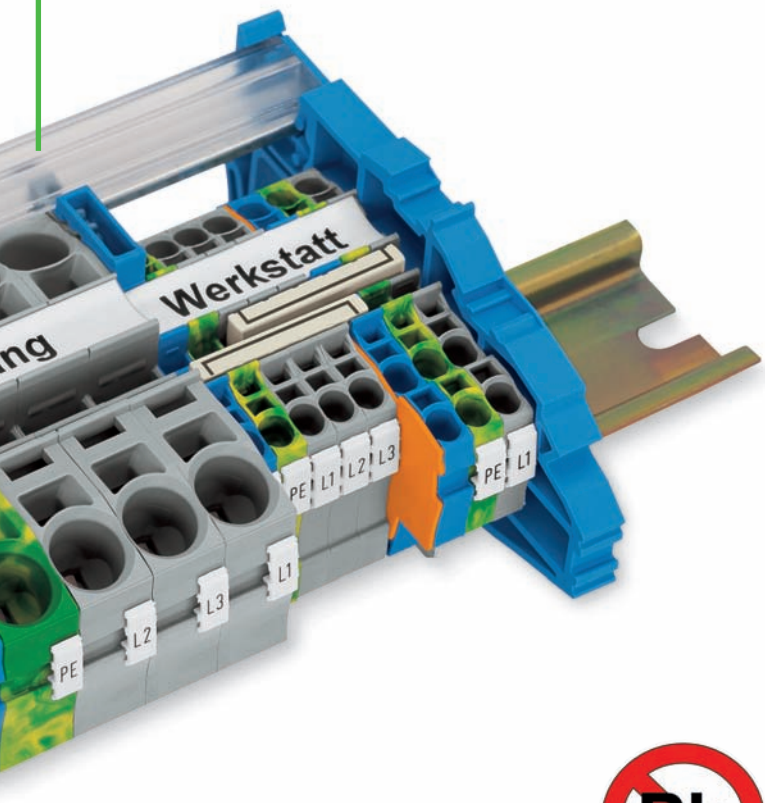
Each connection point has an individual marker receptacle for WMB markers. Additionally, the upper marker receptacle is suitable for marker strips that can be marked manually using a marker pen or automatically by a thermal transfer printer.



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.

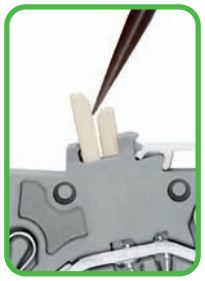


The optional busbar transparent cover (item no. 777-303) protects the busbar against accidental contact and makes it easy to see which terminal blocks are connected to the busbar.



Removal of staggered jumpers
Insert the screwdriver blade between the jumpers and lift them up.







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 – 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.

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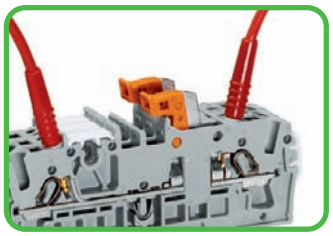
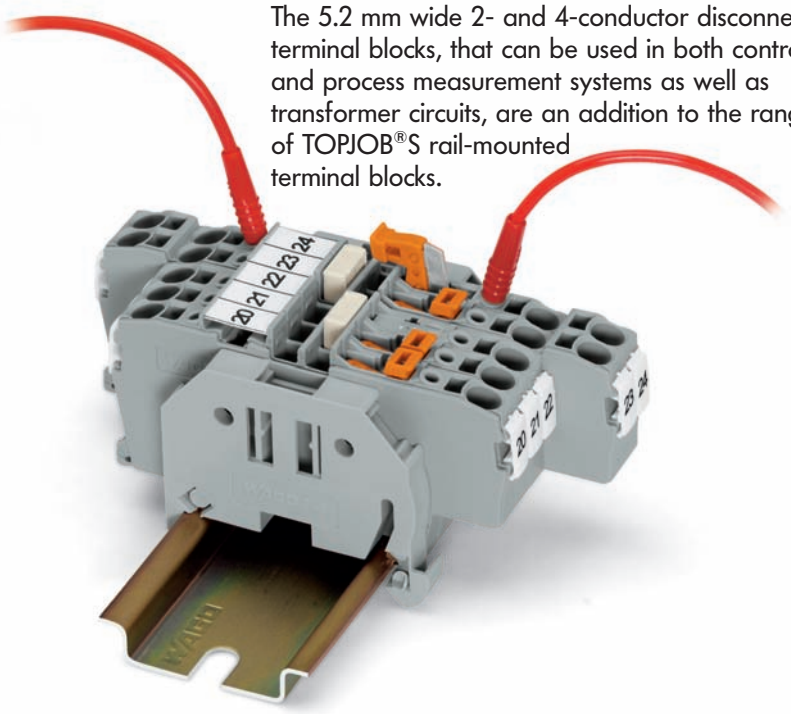
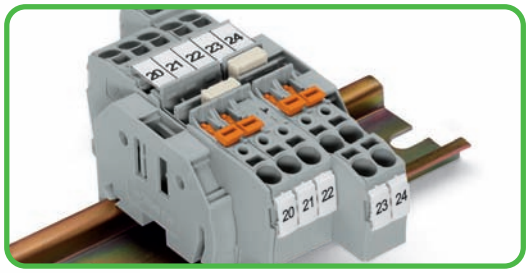
Movable knife disconnects clearly indicate the circuit state.



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®S rail-mounted terminal blocks.





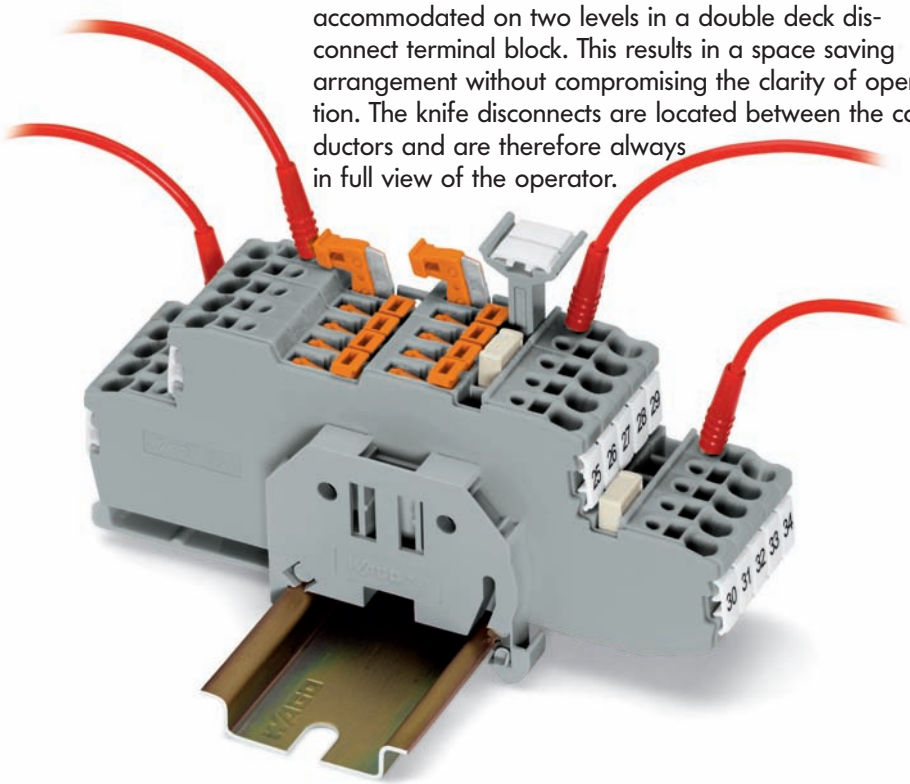
Two lateral and one centre marker receptacle for WMB markers or marking strips. Dual jumper slots, in the same position as the other 2002 Series terminal blocks. Commoning options in front of or behind the knife disconnect, depending on which is the power supply side.

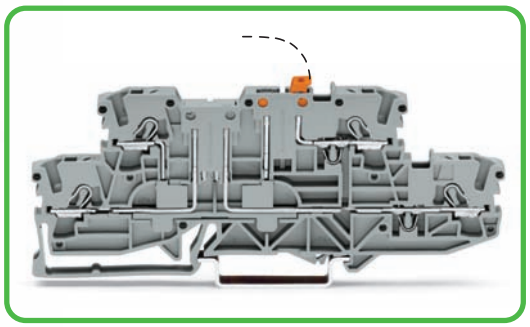


Additional marking option using pivoting marking adapters.

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.





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

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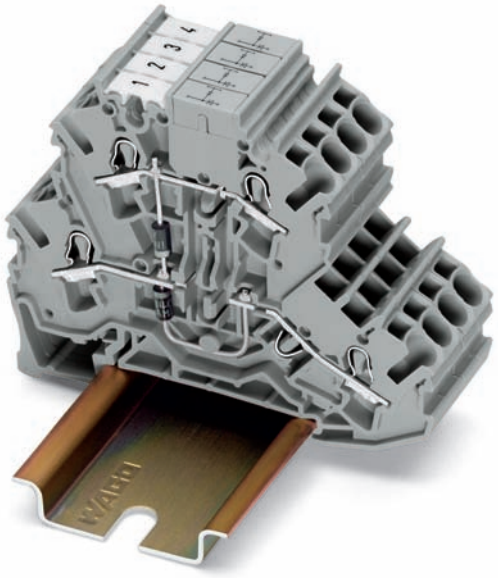
These double and triple deck diode terminal blocks have been specially developed for custom diode circuits such as lamp test and collective fault signal circuits.

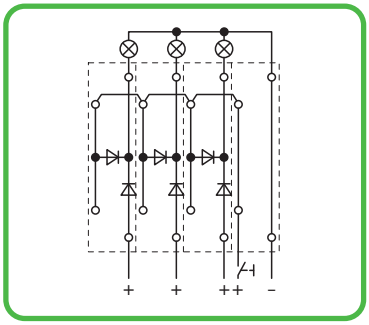
Using LED terminal blocks, monitoring units can be designed for control and operating circuits.

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

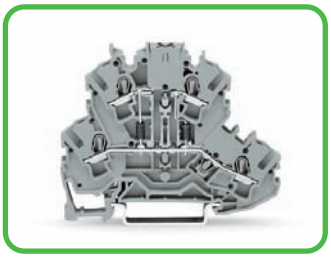
Using push-in type jumper bars opens up additional possibilities when designing custom circuits.

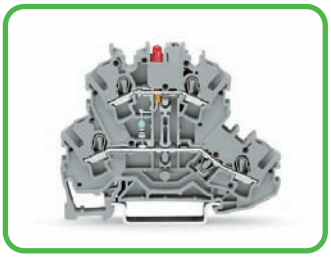
Double deck diode terminal blocks



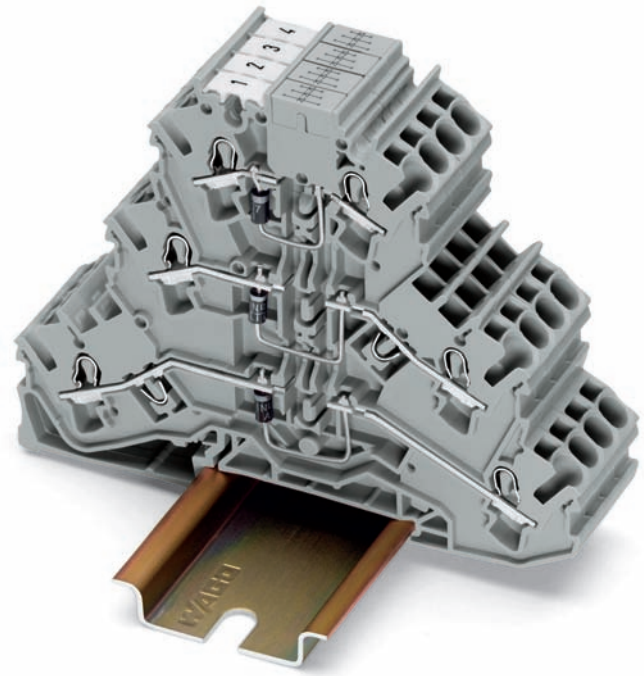


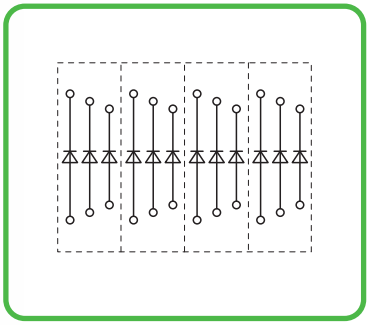
Lamp test circuit





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.

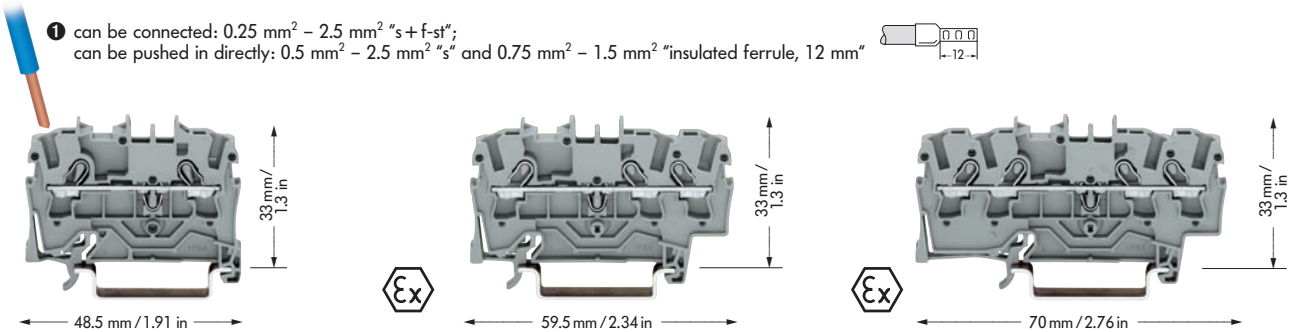




TOPJOB®S
Rail-Mounted Terminal Blocks 1.5 (2.5) mm²/AWG 14
Series 2001

0.25 – 1.5 (2.5) mm² ❶ | AWG 22 – 14 800 V/8 kV/3 | 600 V, 15 A 18 A | 600 V, 15 A Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in *	0.25 – 1.5 (2.5) mm² ❶ | AWG 22 – 14 800 V/8 kV/3 | 600 V, 15 A 18 A | 600 V, 15 A Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in *	0.25 – 1.5 (2,5) mm² ❶ | AWG 22 – 14 800 V/8 kV/3 | 600 V, 15 A 18 A | 600 V, 15 A Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in *

❶ can be connected: 0.25 mm² – 2.5 mm² "s + f-st";
can be pushed in directly: 0.5 mm² – 2.5 mm² "s" and 0.75 mm² – 1.5 mm² "insulated ferrule, 12 mm"



	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		
grey	**2001-1201**	100
blue	**2001-1204** ❷	100
orange	**2001-1202**	100
more colors are being prepared		
2-conductor ground (earth) terminal block		
green-yellow	**2001-1207**	100
Ex Suitable for Ex e II applications 550 V, 17 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
3-conductor through terminal blocks		
grey	**2001-1301**	100
blue	**2001-1304** ❷	100
orange	**2001-1302**	100
more colors are being prepared		
3-conductor ground (earth) terminal block		
green-yellow	**2001-1307**	100
Ex Suitable for Ex e II applications 550 V, 17 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
4-conductor through terminal blocks		
grey	**2001-1401**	100
blue	**2001-1404** ❷	100
orange	**2001-1402**	100
more colors are being prepared		
4-conductor ground (earth) terminal block		
green-yellow	**2001-1407**	100
Ex Suitable for Ex e II applications 550 V, 17 A		
❷ Suitable for Ex i applications		

Accessories

appropriate marker system **WMB/Marker strips** (see pages 38 to 39)

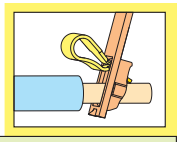
End and intermediate plate, 0.8 mm / 0.031 in thick		
	orange	**2002-1292** 100 (4 x 25)
	grey	**2002-1291** 100 (4 x 25)
Insulation stop, 5 pcs/strip		200 strips
	light grey	**2001-171** 0.25-0.5 mm²
Push-in type jumper bars, light grey, insulated,		
	I_N 18 A	Ex 16 A
	2-way	**2001-402** 200 (8 x 25)
	3-way	**2001-403** 200 (8 x 25)
	4-way	**2001-404** 200 (8 x 25)
	5-way	**2001-405** 100 (4 x 25)
	:	:
	10-way	**2001-410** 100 (4 x 25)
Push-in type jumper bars, light grey, insulated,		
	I_N 18 A	Ex 16 A
	1 - 3	**2001-433** 200 (8 x 25)
	1 - 4	**2001-434** 200 (8 x 25)
	1 - 5	**2001-435** 100 (4 x 25)
	:	:
	1 - 10	**2001-440** 100 (4 x 25)
Modular TOPJOB®S connector,**		
	for jumper contact slot	
	1 pole	**2001-501** 100 (4 x 25)
Spacer, modular		**2001-549** 100 (4 x 25)
	see also pages 24 to 25	
Test plug adapter, for test plug 4 mm/0.157 in Ø		
		2009-174 100 (4 x 25)
Testing tap, for max. 2.5 mm²		**2009-182** 100 (4 x 25)
Marker strip, white, plain, on roll		
	for center marking	
	11 mm / 0.039 in wide	
	50 m	**2009-110** 1
	300 m	**2009-130** 1

End and intermediate plate, 0.8 mm / 0.031 in thick		
	orange	**2002-1392** 100 (4 x 25)
	grey	**2002-1391** 100 (4 x 25)
Insulation stop, 5 pcs/strip		200 strips
	light grey	**2001-171** 0.25-0.5 mm²
Push-in type jumper bars, light grey, insulated,		
	I_N 18 A	Ex 16 A
	2-way	**2001-402** 200 (8 x 25)
	3-way	**2001-403** 200 (8 x 25)
	4-way	**2001-404** 200 (8 x 25)
	5-way	**2001-405** 100 (4 x 25)
	:	:
	10-way	**2001-410** 100 (4 x 25)
Push-in type jumper bars, light grey, insulated,		
	I_N 18 A	Ex 16 A
	1 - 3	**2001-433** 200 (8 x 25)
	1 - 4	**2001-434** 200 (8 x 25)
	1 - 5	**2001-435** 100 (4 x 25)
	:	:
	1 - 10	**2001-440** 100 (4 x 25)
Modular TOPJOB®S connector,**		
	for jumper contact slot	
	1 pole	**2001-501** 100 (4 x 25)
Spacer, modular		**2001-549** 100 (4 x 25)
	see also pages 24 to 25	
Test plug adapter, for test plug 4 mm/0.157 in Ø		
		2009-174 100 (4 x 25)
Testing tap, for max. 2.5 mm²		**2009-182** 100 (4 x 25)
Marker strip, white, plain, on roll		
	for center marking	
	11 mm / 0.039 in wide	
	50 m	**2009-110** 1
	300 m	**2009-130** 1

End and intermediate plate, 0.8 mm / 0.031 in thick		
	orange	**2002-1492** 100 (4 x 25)
	grey	**2002-1491** 100 (4 x 25)
Insulation stop, 5 pcs/strip		200 strips
	light grey	**2001-171** 0.25-0.5 mm²
Push-in type jumper bars, light grey, insulated,		
	I_N 18 A	Ex 16 A
	2-way	**2001-402** 200 (8 x 25)
	3-way	**2001-403** 200 (8 x 25)
	4-way	**2001-404** 200 (8 x 25)
	5-way	**2001-405** 100 (4 x 25)
	:	:
	10-way	**2001-410** 100 (4 x 25)
Push-in type jumper bars, light grey, insulated,		
	I_N 18 A	Ex 16 A
	1 - 3	**2001-433** 200 (8 x 25)
	1 - 4	**2001-434** 200 (8 x 25)
	1 - 5	**2001-435** 100 (4 x 25)
	:	:
	1 - 10	**2001-440** 100 (4 x 25)
Modular TOPJOB®S connector,**		
	for jumper contact slot	
	1 pole	**2001-501** 100 (4 x 25)
Spacer, modular		**2001-549** 100 (4 x 25)
	see also pages 24 to 25	
Test plug adapter, for test plug 4 mm/0.157 in Ø		
		2009-174 100 (4 x 25)
Testing tap, for max. 2.5 mm²		**2009-182** 100 (4 x 25)
Marker strip, white, plain, on roll		
	for center marking	
	11 mm / 0.039 in wide	
	50 m	**2009-110** 1
	300 m	**2009-130** 1

* For further approvals with corresponding ratings see page 49.

TOPJOB®S
Rail-Mounted Terminal Blocks 2.5 (4) mm²/AWG 12
Series 2002

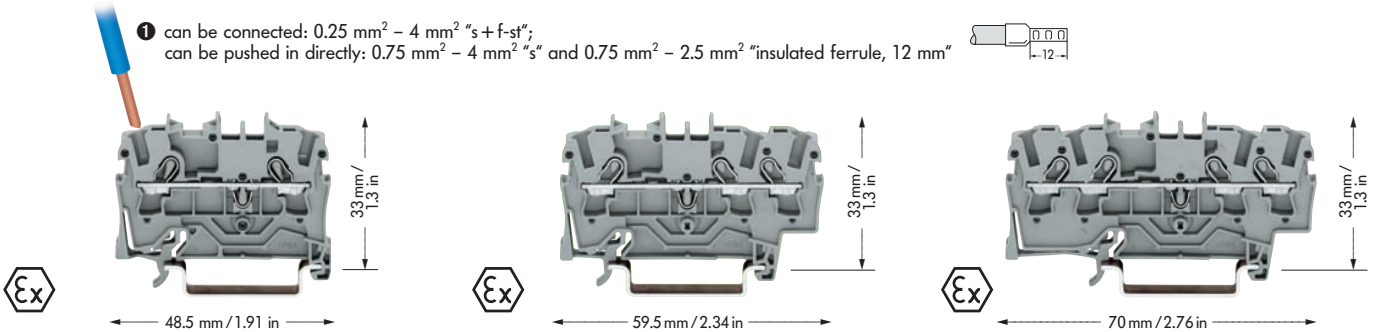


0.25 – 2.5 (4) mm² ❶	AWG 22 – 12
800 V/8 kV/3	600 V, 20 A
24 A	600 V, 20 A

Terminal block width 5.2 mm / 0.205 in
10 – 12 mm / 0.43 in

*

❶ can be connected: 0.25 mm² – 4 mm² "s + f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"



	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		
grey Ex	**2002-1201** ●	100
blue Ex	**2002-1204** ❷	100
orange Ex	**2002-1202** ●	100
more colors are being prepared		
2-conductor ground (earth) terminal block		
green-yellow Ex	**2002-1207** ◐	100
Ex Suitable for Ex e II applications 550 V, 22 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
3-conductor through terminal blocks		
grey Ex	**2002-1301** ●	100
blue Ex	**2002-1304** ❷	100
orange Ex	**2002-1302** ●	100
more colors are being prepared		
3-conductor ground (earth) terminal block		
green-yellow Ex	**2002-1307** ◐	100
Ex Suitable for Ex e II applications 550 V, 22 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
4-conductor through terminal blocks		
grey Ex	**2002-1401** ●	100
blue Ex	**2002-1404** ❷	100
orange Ex	**2002-1402** ●	100
more colors are being prepared		
4-conductor ground (earth) terminal block		
green-yellow Ex	**2002-1407** ◐	100
Ex Suitable for Ex e II applications 550 V, 22 A		
❷ Suitable for Ex i applications		

Accessories

appropriate marker system **WMB/Marker strips** (see pages 38 to 39)

End and intermediate plate, 0.8 mm / 0.031 in thick



orange **2002-1292** 100 (4 x 25)
grey **2002-1291** 100 (4 x 25)

End and intermediate plate, 0.8 mm / 0.031 in thick



orange **2002-1392** 100 (4 x 25)
grey **2002-1391** 100 (4 x 25)

End and intermediate plate, 0.8 mm / 0.031 in thick



orange **2002-1492** 100 (4 x 25)
grey **2002-1491** 100 (4 x 25)

Insulation stop, 5 pcs/strip 200 strips



light grey **2002-171** 0.25-0.5 mm²
dark grey **2002-172** 0.75-1 mm²

Insulation stop, 5 pcs/strip 200 strips



light grey **2002-171** 0.25-0.5 mm²
dark grey **2002-172** 0.75-1 mm²

Insulation stop, 5 pcs/strip 200 strips



light grey **2002-171** 0.25-0.5 mm²
dark grey **2002-172** 0.75-1 mm²

Push-in type jumper bars, light grey, insulated,



I_N 25 A Ex 20 A
2-way **2002-402** 200 (8 x 25)
3-way **2002-403** 200 (8 x 25)
4-way **2002-404** 200 (8 x 25)
: :
10-way **2002-410** 100 (4 x 25)

Staggered jumper, see page 28

Push-in type jumper bars, light grey, insulated,



I_N 25 A Ex 20 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,



for 5 terminal blocks
yellow **2002-115** 100 (4 x 25)

Modular TOPJOB®S connector,**



for jumper contact slot
1 pole **2002-511** 100 (4 x 25)

Spacer, modular **2002-549** 100 (4 x 25)
see also pages 24 to 25

Test plug adapter, for test plug 4 mm / 0.157 in Ø



2009-174 100 (4 x 25)
Testing tap, for max. 2.5 mm²
2009-182 100 (4 x 25)

Push-in type jumper bars, light grey, insulated,



I_N 25 A Ex 20 A
2-way **2002-402** 200 (8 x 25)
3-way **2002-403** 200 (8 x 25)
4-way **2002-404** 200 (8 x 25)
: :
10-way **2002-410** 100 (4 x 25)

Staggered jumper, see page 28

Push-in type jumper bars, light grey, insulated,



I_N 25 A Ex 20 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,



for 5 terminal blocks
yellow **2002-115** 100 (4 x 25)

Modular TOPJOB®S connector,**



for jumper contact slot
1 pole **2002-511** 100 (4 x 25)

Spacer, modular **2002-549** 100 (4 x 25)
see also pages 24 to 25

Test plug adapter, for test plug 4 mm / 0.157 in Ø



2009-174 100 (4 x 25)
Testing tap, for max. 2.5 mm²
2009-182 100 (4 x 25)

Push-in type jumper bars, light grey, insulated,



I_N 25 A Ex 20 A
2-way **2002-402** 200 (8 x 25)
3-way **2002-403** 200 (8 x 25)
4-way **2002-404** 200 (8 x 25)
: :
10-way **2002-410** 100 (4 x 25)

Staggered jumper, see page 28

Push-in type jumper bars, light grey, insulated,



I_N 25 A Ex 20 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,



for 5 terminal blocks
yellow **2002-115** 100 (4 x 25)

Modular TOPJOB®S connector,**



for jumper contact slot
1 pole **2002-511** 100 (4 x 25)

Spacer, modular **2002-549** 100 (4 x 25)
see also pages 24 to 25

Test plug adapter, for test plug 4 mm / 0.157 in Ø



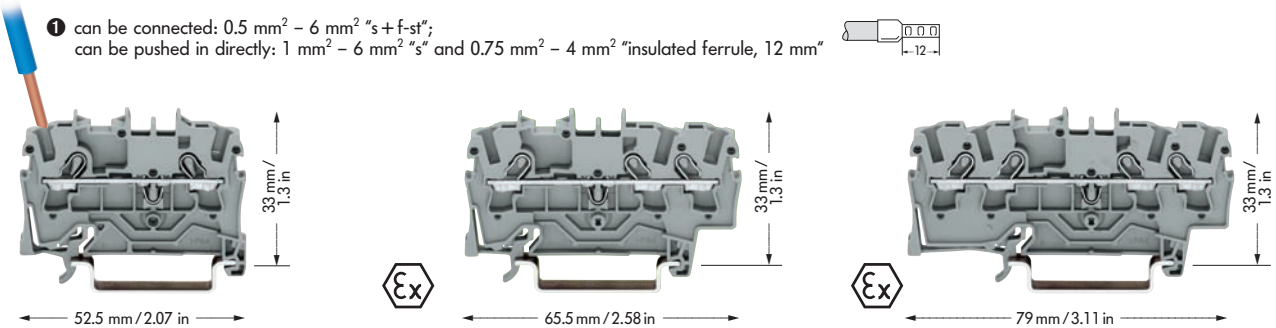
2009-174 100 (4 x 25)
Testing tap, for max. 2.5 mm²
2009-182 100 (4 x 25)

* For further approvals with corresponding ratings see page 49.

TOPJOB®S
Rail-Mounted Terminal Blocks 4 (6) mm²/AWG 10
Series 2004

0.5 – 4 (6) mm² ❶ **800 V/8 kV/3 32 A** | **AWG 20 – 10 600 V, 30 A 600 V, 30 A**	**0.5 – 4 (6) mm²** ❶ **800 V/8 kV/3 32 A** | **AWG 20 – 10 600 V, 30 A 600 V, 30 A**	**0.5 – 4 (6) mm²** ❶ **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	**Terminal block width 6.2 mm / 0.244 in**	**Terminal block width 6.2 mm / 0.244 in**
11 – 13 mm / 0.47 in	**11 – 13 mm / 0.47 in**	**11 – 13 mm / 0.47 in**
*	*	*

❶ can be connected: 0.5 mm² – 6 mm² "s+f-st";
can be pushed in directly: 1 mm² – 6 mm² "s" and 0.75 mm² – 4 mm² "insulated ferrule, 12 mm"



	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		
grey Ex	**2004-1201**	50
blue Ex	**2004-1204** ❷	50
orange Ex	**2004-1202**	50
weitere Farbvarianten in Vorbereitung		
2-conductor ground (earth) terminal block		
green-yellow Ex	**2004-1207**	50
Ex Suitable for Ex e II applications 550 V, 30 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
3-conductor through terminal blocks		
grey Ex	**2004-1301**	50
blue Ex	**2004-1304** ❷	50
orange Ex	**2004-1302**	50
weitere Farbvarianten in Vorbereitung		
3-conductor ground (earth) terminal block		
green-yellow Ex	**2004-1307**	50
Ex Suitable for Ex e II applications 550 V, 30 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
4-conductor through terminal blocks		
grey Ex	**2004-1401**	50
blue Ex	**2004-1404** ❷	50
orange Ex	**2004-1402**	50
weitere Farbvarianten in Vorbereitung		
4-conductor ground (earth) terminal block		
green-yellow	**2004-1407**	50
Ex Suitable for Ex e II applications 550 V, 30 A		
❷ Suitable for Ex i applications		

Accessories

appropriate marker system **WMB/Marker strips/WMB Inline** (see pages 38 to 39)

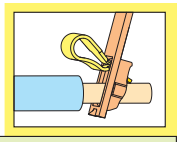
End and intermediate plate, 1 mm / 0.039 in thick		
	orange	**2004-1292** 100 (4 x 25)
	grey	**2004-1291** 100 (4 x 25)
Insulation stop, 5 pcs/strip		200 strips
	light grey	**2004-171** 0.25-0.5 mm²
	dark grey	**2004-172** 0.75-1 mm²
Push-in type jumper bars, light grey, insulated, I_N 32 A		
	Ex 30 A	
	2-fach	**2004-402** 100 (4 x 25)
	3-fach	**2004-403** 100 (4 x 25)
	4-fach	**2004-404** 100 (4 x 25)
	5-fach	**2004-405** 50 (2 x 25)
	:	:
	10-fach	**2004-410** 50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 32 A		
	Ex 30 A	
	1 - 3	**2004-433** 100 (4 x 25)
	1 - 4	**2004-434** 100 (4 x 25)
	1 - 5	**2004-435** 50 (2 x 25)
	:	:
	1 - 10	**2004-440** 50 (2 x 25)
Protective warning marker,		
	for 5 terminal blocks	
	yellow	**2004-115** 100 (4 x 25)
Modular TOPJOB®S connector,**		
	for jumper contact slot	
	1 pole	**2004-511** 100 (4 x 25)
Spacer, modular		**2004-549** 100 (4 x 25)
see also pages 24 to 25		
Test plug adapter, for test plug 4 mm / 0.157 in Ø		
		**2009-174** 100 (4 x 25)
	Testing tap, for max. 2.5 mm²	
		2009-182 100 (4 x 25)

End and intermediate plate, 1 mm / 0.039 in thick		
	orange	**2004-1392** 100 (4 x 25)
	grey	**2004-1391** 100 (4 x 25)
Insulation stop, 5 pcs/strip		200 strips
	light grey	**2004-171** 0.25-0.5 mm²
	dark grey	**2004-172** 0.75-1 mm²
Push-in type jumper bars, light grey, insulated, I_N 32 A		
	Ex 30 A	
	2-fach	**2004-402** 100 (4 x 25)
	3-fach	**2004-403** 100 (4 x 25)
	4-fach	**2004-404** 100 (4 x 25)
	5-fach	**2004-405** 50 (2 x 25)
	:	:
	10-fach	**2004-410** 50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 32 A		
	Ex 30 A	
	1 - 3	**2004-433** 100 (4 x 25)
	1 - 4	**2004-434** 100 (4 x 25)
	1 - 5	**2004-435** 50 (2 x 25)
	:	:
	1 - 10	**2004-440** 50 (2 x 25)
Protective warning marker,		
	for 5 terminal blocks	
	yellow	**2004-115** 100 (4 x 25)
Modular TOPJOB®S connector,**		
	for jumper contact slot	
	1 pole	**2004-511** 100 (4 x 25)
Spacer, modular		**2004-549** 100 (4 x 25)
see also pages 24 to 25		
Test plug adapter, for test plug 4 mm / 0.157 in Ø		
		**2009-174** 100 (4 x 25)
	Testing tap, for max. 2.5 mm²	
		2009-182 100 (4 x 25)

End and intermediate plate, 1 mm / 0.039 in thick		
	orange	**2004-1492** 100 (4 x 25)
	grey	**2004-1491** 100 (4 x 25)
Insulation stop, 5 pcs/strip		200 strips
	light grey	**2004-171** 0.25-0.5 mm²
	dark grey	**2004-172** 0.75-1 mm²
Push-in type jumper bars, light grey, insulated, I_N 32 A		
	Ex 30 A	
	2-fach	**2004-402** 100 (4 x 25)
	3-fach	**2004-403** 100 (4 x 25)
	4-fach	**2004-404** 100 (4 x 25)
	5-fach	**2004-405** 50 (2 x 25)
	:	:
	10-fach	**2004-410** 50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 32 A		
	Ex 30 A	
	1 - 3	**2004-433** 100 (4 x 25)
	1 - 4	**2004-434** 100 (4 x 25)
	1 - 5	**2004-435** 50 (2 x 25)
	:	:
	1 - 10	**2004-440** 50 (2 x 25)
Protective warning marker,		
	for 5 terminal blocks	
	yellow	**2004-115** 100 (4 x 25)
Modular TOPJOB®S connector,**		
	for jumper contact slot	
	1 pole	**2004-511** 100 (4 x 25)
Spacer, modular		**2004-549** 100 (4 x 25)
see also pages 24 to 25		
Test plug adapter, for test plug 4 mm / 0.157 in Ø		
		**2009-174** 100 (4 x 25)
	Testing tap, for max. 2.5 mm²	
		2009-182 100 (4 x 25)

* For further approvals with corresponding ratings see page 49.

TOPJOB®S
Rail-Mounted Terminal Blocks 6 (10) mm²/AWG 8
Series 2006



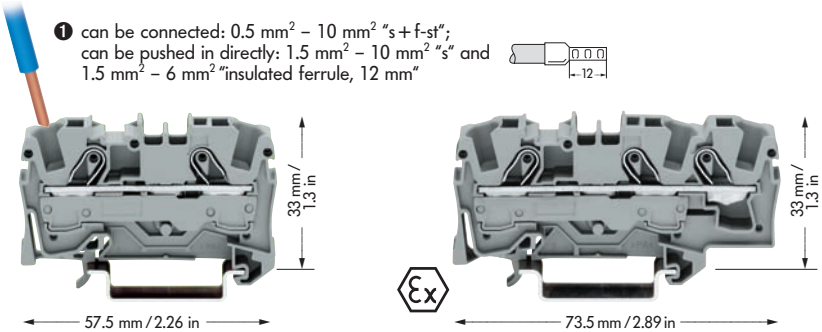
0.5 – 6 (10) mm² ❶ | AWG 20 – 8
800 V/8 kV/3 | 600 V, 50 A
41 A | 600 V, 50 A
Terminal block width 7.5 mm / 0.295 in
13 – 15 mm / 0.55 in
*

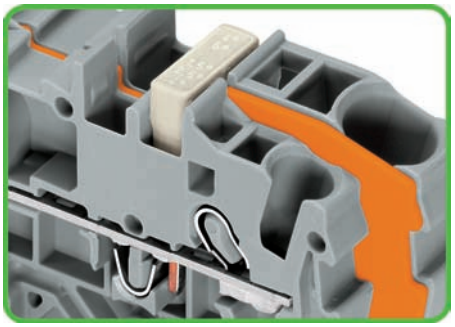
0.5 – 6 (10) mm² ❶ | AWG 20 – 8
800 V/8 kV/3 | 600 V, 50 A
41 A | 600 V, 50 A
Terminal block width 7.5 mm / 0.295 in
13 – 15 mm / 0.55 in
*

Commoning with step-down jumpers

Application notes see page 7

❶ can be connected: 0.5 mm² – 10 mm² "s + f-st";
can be pushed in directly: 1.5 mm² – 10 mm² "s" and
1.5 mm² – 6 mm² "insulated ferrule, 12 mm"





	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		
grey Ex	**2006-1201**	50
blue Ex	**2006-1204** ❷	50
orange Ex	**2006-1202**	50
2-conductor ground (earth) terminal block		
green-yellow Ex	**2006-1207**	50
Ex Suitable for Ex e II applications 550 V, 38 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
3-conductor through terminal blocks		
grey Ex	**2006-1301**	25
blue Ex	**2006-1304** ❷	25
orange Ex	**2006-1302**	25
3-conductor ground (earth) terminal block		
green-yellow Ex	**2006-1307**	25
Ex Suitable for Ex e II applications 550 V, 36 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
Commoning with step-down jumpers		
An end plate must always be used between the terminal blocks that are commoned with step-down jumpers.		
Step-down jumper 2006-499 is suitable for commoning AWG 10/12 (6/4 mm²) terminal blocks with AWG 12/14/16 (4/2.5/1.5 mm²) terminal blocks.		
Step-down jumpers are simply pushed down to full insertion, in the same way as all other push-in type jumper bars.		

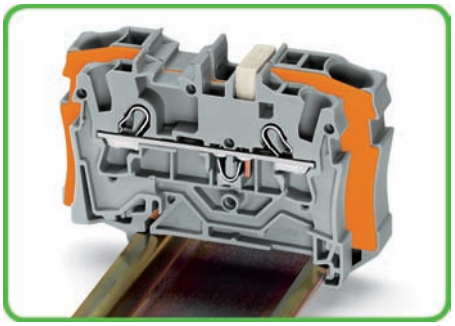
Accessories

appropriate marker system **WMB/Marker strips/WMB Inline** (see pages 38 to 39)

	Item No.	Pack.-unit pcs
End and intermediate plate, 1 mm / 0.039 in thick		
orange	**2006-1292**	100 (4 x 25)
grey	**2006-1291**	100 (4 x 25)
Push-in type jumper bars, light grey, insulated, I_N 41 A		
Ex 33 A		
2-way	**2006-402**	50 (2 x 25)
3-way	**2006-403**	50 (2 x 25)
4-way	**2006-404**	50 (2 x 25)
5-way	**2006-405**	50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 41 A		
Ex 33 A		
1 - 3	**2006-433**	50 (2 x 25)
1 - 4	**2006-434**	50 (2 x 25)
1 - 5	**2006-435**	50 (2 x 25)
Protective warning marker,		
for 5 terminal blocks		
yellow	**2006-115**	100 (4 x 25)
Test plug adapter, for test plug 4 mm/0.157 in Ø		
	2009-174	100 (4 x 25)
Testing tap, for max. 2.5 mm²		
	2009-182	100 (4 x 25)
Marker strip, white, plain, on roll		
for center marking		
11 mm / 0.039 in wide		
50 m	**2009-110**	1
300 m	**2009-130**	1

	Item No.	Pack.-unit pcs
End and intermediate plate, 1 mm / 0.039 in thick		
orange	**2006-1392**	100 (4 x 25)
grey	**2006-1391**	100 (4 x 25)
Push-in type jumper bars, light grey, insulated, I_N 41 A		
Ex 33 A		
2-way	**2006-402**	50 (2 x 25)
3-way	**2006-403**	50 (2 x 25)
4-way	**2006-404**	50 (2 x 25)
5-way	**2006-405**	50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 41 A		
Ex 33 A		
1 - 3	**2006-433**	50 (2 x 25)
1 - 4	**2006-434**	50 (2 x 25)
1 - 5	**2006-435**	50 (2 x 25)
Protective warning marker,		
for 5 terminal blocks		
yellow	**2006-115**	100 (4 x 25)
Test plug adapter, for test plug 4 mm/0.157 in Ø		
	2009-174	100 (4 x 25)
Testing tap, for max. 2.5 mm²		
	2009-182	100 (4 x 25)
Marker strip, white, plain, on roll		
for center marking		
11 mm / 0.039 in wide		
50 m	**2009-110**	1
300 m	**2009-130**	1

	Item No.	Pack.-unit pcs
Step-down jumper, light grey, insulated		
32 A		
	2006-499	50 (2 x 25)



Note:

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

* For further approvals with corresponding ratings see page 49.

TOPJOB®S
Rail-Mounted Terminal Blocks 10 (16) mm²/AWG 6
Series 2010

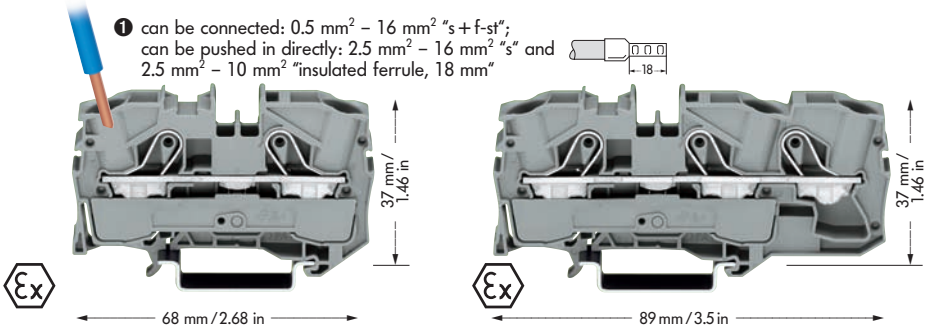
0.5 – 10 (16) mm²❶ | **AWG 20 – 6**
800 V/8 kV/3 | **600 V, 65 A**
57 A | **600 V, 65 A**
Terminal block width 10 mm / 0.394 in
17 – 19 mm / 0.71 in
*

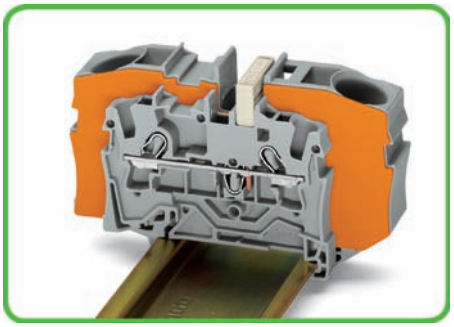
0.5 – 10 (16) mm²❶ | **AWG 20 – 6**
800 V/8 kV/3 | **600 V, 65 A**
57 A | **600 V, 65 A**
Terminal block width 10 mm / 0.394 in
17 – 19 mm / 0.71 in
*

Commoning with step-down jumpers

Application notes see page 7

❶ can be connected: 0.5 mm² – 16 mm² "s+f-st";
can be pushed in directly: 2.5 mm² – 16 mm² "s" and
2.5 mm² – 10 mm² "insulated ferrule, 18 mm"





	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		
grey	**2010-1201**	25
blue	**2010-1204** ❷	25
orange	**2010-1202**	25
2-conductor ground (earth) terminal block		
green-yellow	**2010-1207**	25
Suitable for Ex e II applications 550 V, 51 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
3-conductor through terminal blocks		
grey	**2010-1301**	25
blue	**2010-1304** ❷	25
orange	**2010-1302**	25
3-conductor ground (earth) terminal block		
green-yellow	**2010-1307**	25
Suitable for Ex e II applications 550 V, 50 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
Commoning with step-down jumpers		
An end plate must always be used between the terminal blocks that are commoned with step-down jumpers.		
Step-down jumper 2006-499 is suitable for commoning AWG 10/12 (6/4 mm²) terminal blocks with AWG 12/14/16 (4/2.5/1.5 mm²) terminal blocks.		
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 38 to 39)

End and intermediate plate, 1 mm / 0.039 in thick



orange	**2010-1292**	100 (4 x 25)
grey	**2010-1291**	100 (4 x 25)

End and intermediate plate, 1 mm / 0.039 in thick



orange	**2010-1392**	100 (4 x 25)
grey	**2010-1391**	100 (4 x 25)

Step-down jumper, light grey, insulated



57 A		
2016-499		50 (2 x 25)

Push-in type jumper bars, light grey, insulated, I_N 57 A



51 A		
2-way	**2010-402**	50 (2 x 25)
3-way	**2010-403**	50 (2 x 25)
4-way	**2010-404**	50 (2 x 25)
5-way	**2010-405**	50 (2 x 25)

Push-in type jumper bars, light grey, insulated, I_N 57 A



50 A		
2-way	**2010-402**	50 (2 x 25)
3-way	**2010-403**	50 (2 x 25)
4-way	**2010-404**	50 (2 x 25)
5-way	**2010-405**	50 (2 x 25)

Push-in type jumper bars, light grey, insulated, I_N 57 A



51 A		
1 - 3	**2010-433**	50 (2 x 25)
1 - 4	**2010-434**	50 (2 x 25)
1 - 5	**2010-435**	50 (2 x 25)

Push-in type jumper bars, light grey, insulated, I_N 57 A



50 A		
1 - 3	**2010-433**	50 (2 x 25)
1 - 4	**2010-434**	50 (2 x 25)
1 - 5	**2010-435**	50 (2 x 25)

Protective warning marker,



for 5 terminal blocks		
yellow	**2010-115**	100 (4 x 25)

Protective warning marker,



for 5 terminal blocks		
yellow	**2010-115**	100 (4 x 25)

Test plug adapter, for test plug 4 mm/0.157 in Ø



2009-174		100 (4 x 25)

Test plug adapter, for test plug 4 mm/0.157 in Ø



2009-174		100 (4 x 25)

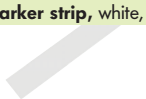
Testing tap, for max. 2.5 mm²

2009-182		100 (4 x 25)

Testing tap, for max. 2.5 mm²

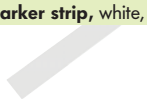
2009-182		100 (4 x 25)

Marker strip, white, plain, on roll



for center marking		
11 mm / 0.039 in wide		
50 m	**2009-110**	1
300 m	**2009-130**	1

Marker strip, white, plain, on roll



for center marking		
11 mm / 0.039 in wide		
50 m	**2009-110**	1
300 m	**2009-130**	1

Finger guard cover,



serves as touchproof protection		
for unused clamping units		
yellow	**2010-100**	100 (4 x 25)

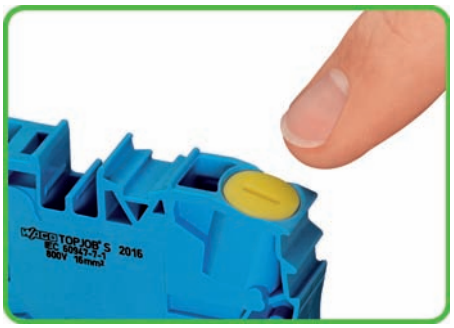
Finger guard cover,



serves as touchproof protection		
for unused clamping units		
yellow	**2010-100**	100 (4 x 25)

Note:

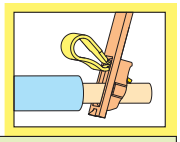
The total current flowing cannot exceed the rating of the step-down jumper/push-in type jumper bar.



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

* For further approvals with corresponding ratings see page 49.

TOPJOB®S
Rail-Mounted Terminal Blocks 16 (25 "f-st") mm²/AWG 4
Series 2016



0.5 – 16 (25 „f“) mm² ❶	AWG 20 – 4
800 V/8 kV/3	600 V, 85 A
76 A	600 V, 85 A

Terminal block width 12 mm / 0.472 in
18 – 20 mm / 0.75 in
*

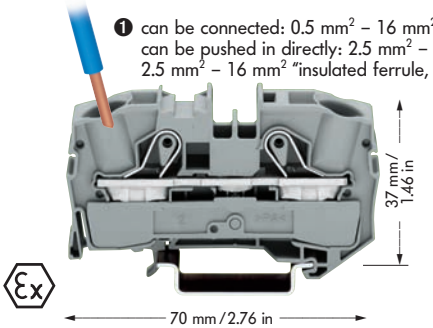
0.5 – 16 (25 „f“) mm² ❶	AWG 20 – 4
800 V/8 kV/3	600 V, 85 A
76 A	600 V, 85 A

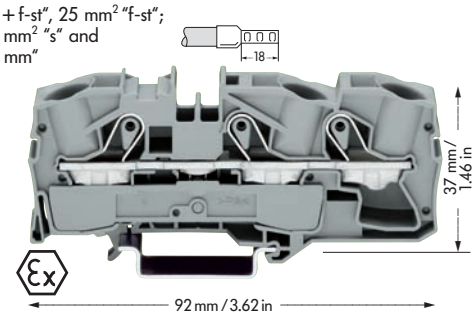
Terminal block width 12 mm / 0.472 in
18 – 20 mm / 0.75 in
*

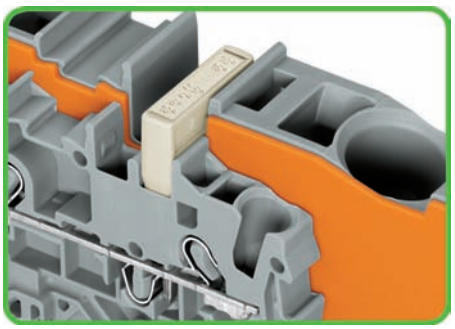
Commoning with step-down jumpers

Application notes see page 7

❶ can be connected: 0.5 mm² – 16 mm² "s + f-st", 25 mm² "f-st";
can be pushed in directly: 2.5 mm² – 16 mm² "s" and
2.5 mm² – 16 mm² "insulated ferrule, 18 mm"







	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		
grey Ex	**2016-1201**	20
blue Ex	**2016-1204** ❷	20
orange Ex	**2016-1202**	20
2-conductor ground (earth) terminal block		
green-yellow Ex	**2016-1207**	20
Ex Suitable for Ex e II applications 550 V, 70 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
3-conductor through terminal blocks		
grey Ex	**2016-1301**	20
blue Ex	**2016-1304** ❷	20
orange Ex	**2016-1302**	20
3-conductor ground (earth) terminal block		
green-yellow Ex	**2016-1307**	20
Ex Suitable for Ex e II applications 550 V, 67 A		
❷ Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
Commoning with step-down jumpers		
An end plate must always be used between the terminal blocks that are commoned with step-down jumpers.		
Step-down jumper 2006-499 is suitable for commoning AWG 10/12 (6/4 mm²) terminal blocks with AWG 12/14/16 (4/2.5/1.5 mm²) terminal blocks.		
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 38 to 39)

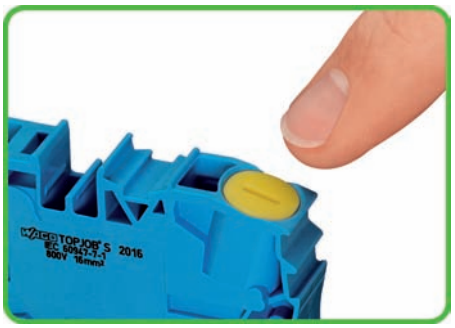
	Item No.	Pack.-unit pcs
End and intermediate plate, 1 mm / 0.039 in thick		
orange	**2016-1292**	100 (4 x 25)
grey	**2016-1291**	100 (4 x 25)
Push-in type jumper bars, light grey, insulated, I_N 76 A		
Ex 65 A		
2-way	**2016-402**	50 (2 x 25)
3-way	**2016-403**	50 (2 x 25)
4-way	**2016-404**	50 (2 x 25)
5-way	**2016-405**	50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 76 A		
Ex 65 A		
1 - 3	**2016-433**	50 (2 x 25)
1 - 4	**2016-434**	50 (2 x 25)
1 - 5	**2016-435**	50 (2 x 25)
Protective warning marker,		
for 5 terminal blocks		
yellow	**2016-115**	50 (2 x 25)
Test plug adapter, for test plug 4 mm/0.157 in Ø		
	2009-174	100 (4 x 25)
Testing tap, for max. 2.5 mm²		
	2009-182	100 (4 x 25)
Marker strip, white, plain, on roll		
for center marking		
11 mm / 0.039 in wide		
50 m	**2009-110**	1
300 m	**2009-130**	1
Finger guard cover,		
serves as touchproof protection		
for unused clamping units		
yellow	**2016-100**	100 (4 x 25)

	Item No.	Pack.-unit pcs
End and intermediate plate, 1 mm / 0.039 in thick		
orange	**2016-1392**	100 (4 x 25)
grey	**2016-1391**	100 (4 x 25)
Push-in type jumper bars, light grey, insulated, I_N 76 A		
Ex 65 A		
2-way	**2016-402**	50 (2 x 25)
3-way	**2016-403**	50 (2 x 25)
4-way	**2016-404**	50 (2 x 25)
5-way	**2016-405**	50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 76 A		
Ex 65 A		
1 - 3	**2016-433**	50 (2 x 25)
1 - 4	**2016-434**	50 (2 x 25)
1 - 5	**2016-435**	50 (2 x 25)
Protective warning marker,		
for 5 terminal blocks		
yellow	**2016-115**	50 (2 x 25)
Test plug adapter, for test plug 4 mm/0.157 in Ø		
	2009-174	100 (4 x 25)
Testing tap, for max. 2.5 mm²		
	2009-182	100 (4 x 25)
Marker strip, white, plain, on roll		
for center marking		
11 mm / 0.039 in wide		
50 m	**2009-110**	1
300 m	**2009-130**	1
Finger guard cover,		
serves as touchproof protection		
for unused clamping units		
yellow	**2016-100**	100 (4 x 25)

	Item No.	Pack.-unit pcs
Step-down jumper, light grey, insulated		
57 A		
	2016-499	50 (2 x 25)

Note:

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



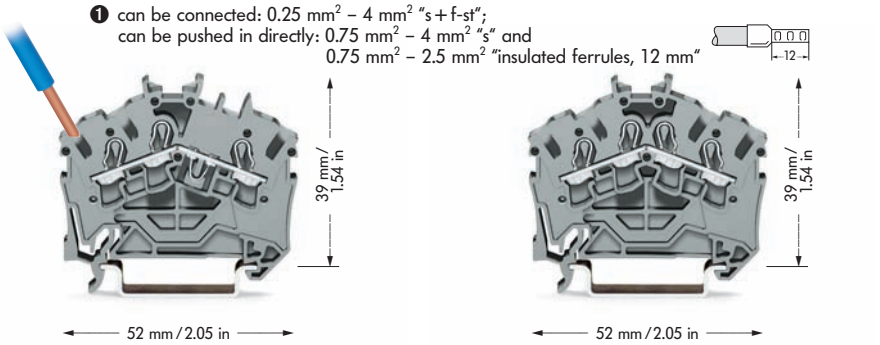
Finger guard cover snapped into unused clamping unit

* For further approvals with corresponding ratings see page 49.

TOPJOB®S
3- and 4-Conductor Rail-Mounted Terminal Blocks 2.5 (4) mm²/AWG 12
Series 2002

0.25 – 2.5 (4) mm² ❶ **800 V/8 kV/3** **24 A**	**AWG 22 – 12** **600 V**	**0.25 – 2.5 (4) mm² ❶** **800 V/8 kV/3** **24 A**	**AWG 22 – 12** **600 V**
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**	

❶ can be connected: 0.25 mm² – 4 mm² "s+f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and
0.75 mm² – 2.5 mm² "insulated ferrules, 12 mm"



	Item No.	Pack.-unit pcs
3-conductor through terminal blocks		
grey	**2002-6301**	100
blue	**2002-6304** ②	100
orange	**2002-6302**	100
more colors are being prepared		
3-conductor ground (earth) terminal block		
green-yellow	**2002-6307**	100
Ex approvals in preparation		
② Suitable for Ex i applications		

	Item No.	Pack.-unit pcs
4-conductor through terminal blocks		
grey	**2002-6401**	100
blue	**2002-6404** ②	100
orange	**2002-6402**	100
more colors are being prepared		
4-conductor ground (earth) terminal block		
green-yellow	**2002-6407**	100
Ex approvals in preparation		
② Suitable for Ex i applications		
Attention!		
These terminal blocks cannot be commoned!		

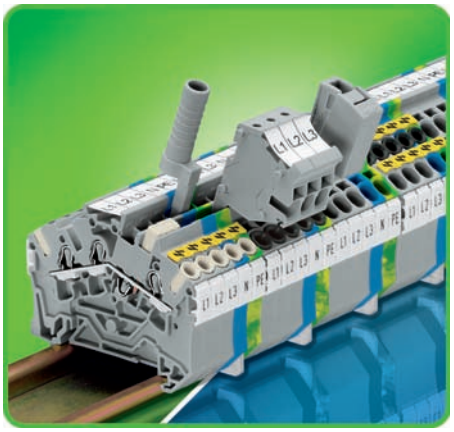
Accessories

appropriate marker system (see pages 38 to 39)

WMB/Marker strips/WMB Inline

End and intermediate plate, 0.8 mm / 0.031 in thick		
orange	**2002-6392**	100 (4 x 25)
grey	**2002-6391**	100 (4 x 25)
Insulation stop, 5 pcs/strip		200 strips
light grey	**2002-171**	0.25-0.5 mm²
dark grey	**2002-172**	0.75-1 mm²
Push-in type jumper bars, light grey, insulated, I_N 25 A		
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)
Push-in type jumper bars, light grey, insulated, I_N 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, for 5 terminal blocks		
yellow	**2002-115**	100 (4 x 25)
Modular TOPJOB®S connector,** for jumper contact slot		
1 pole	**2002-511**	100 (4 x 25)
Spacer, modular	**2002-549**	100 (4 x 25)
Test plug adapter, for test plug 4 mm/0.157 in Ø	**2009-174**	100 (4 x 25)
Testing tap, for max. 2.5 mm²	**2009-182**	100 (4 x 25)

End and intermediate plate, 0.8 mm / 0.031 in thick		
orange	**2002-6392**	100 (4 x 25)
grey	**2002-6391**	100 (4 x 25)
Insulation stop, 5 pcs/strip		200 strips
light grey	**2002-171**	0.25-0.5 mm²
dark grey	**2002-172**	0.75-1 mm²
Protective warning marker, for 5 terminal blocks		
yellow	**2002-115**	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

Test plug adapter and testing tap **for testing rail-mounted terminal blocks of Series 2001/2002/2004/2006/2010/2016**	**Push-in type wire jumper** **Nominal voltage: 800 V/8 kV/3** **Nominal current: 16 A** **Rated cross section: 1.5 mm²** **Wire lengths: 60/110/250 mm**	

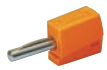






Item No.	Pack. unit pcs	Item No.	Pack.-unit pcs
Test plug adapter,		**Push-in type wire jumpers,**	
for test plugs 4 mm/0.157 in Ø,		insulated, conductor cross section 1.5 mm²,	
for testing rail-mounted terminal blocks		suitable for rail-mounted terminal blocks of Series 2001	
of Series		and 2002	
2001/2002/2004/2006/2010/2016			
2009-174	100 (4 x 25)	**Wire length**	
		60 mm **2009-412**	10
Testing tap,			
for connecting individual test wires of AWG 28 to 14			
(0.08 mm² – 2.5 mm²) without tools		110 mm **2009-414**	10
2009-182	100 (4 x 25)		
		250 mm **2009-416**	10

Banana plugs, for sockets 4 mm/0.157 in Ø



see page 2.42

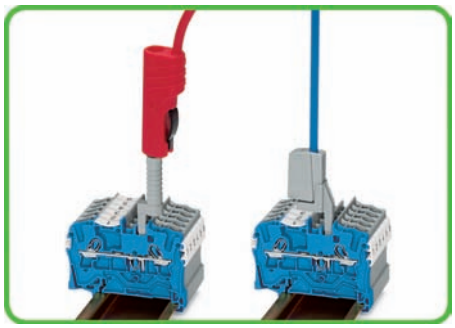
Test plug, 4 mm/0.157 in Ø,



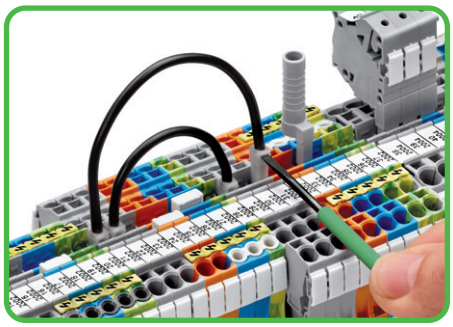
touch proof,
not offered by WAGO

for ex. mfd by Multi Contact Deutschland GmbH

Application notes



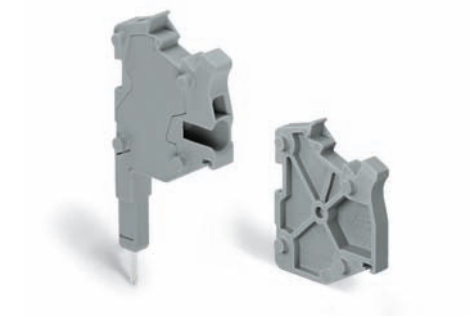
Testing TOPJOB®S rail-mounted terminal blocks using a test plug adapter or testing tap.

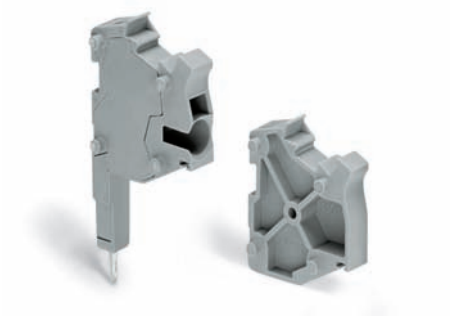


Push down the wire jumper until fully inserted.
Lift the jumper with a screwdriver for rewiring.

TOPJOB®S
Modular TOPJOB®S Connectors with CAGE CLAMP®S Connection
Series 2001/2002/2004

0.25 – 1.5 (2.5) mm² ❶ | AWG 22 – 14	0.25 – 2.5 (4) mm² ❷ | AWG 22 – 12	0.5 – 4 (6) mm² ❸ | AWG 20 – 10
500 V/6 kV/3	500 V/6 kV/3	500 V/6 kV/3
18 A	24 A	32 A
Terminal block width 4.2 mm / 0.165 in	Terminal block width 5.2 mm / 0.205 in	Terminal block width 6.2 mm / 0.244 in
9 – 11 mm / 0.39 in	10 – 12 mm / 0.43 in	11 – 13 mm / 0.47 in



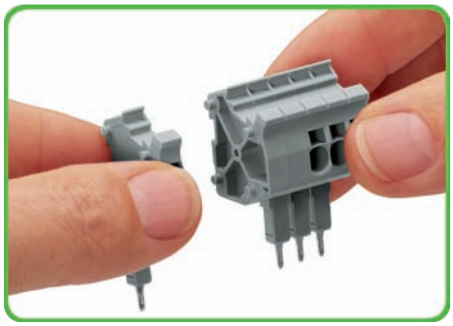




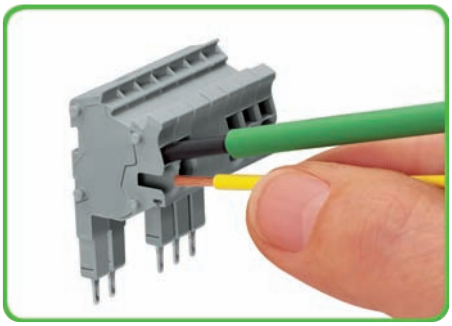
Item No.	Pack.-unit pcs
Modular TOPJOB®S connectors	
with CAGE CLAMP®S connection, modular, grey,	
1 pole **2001-511**	100 (4 x 25)
Spacer, for bridging over commoned terminal blocks, for example, modular, grey	
2001-549	100 (4 x 25)
❶ can be connected: 0.25 mm² – 2.5 mm² "s + f-st"; can be pushed in directly: 0.5 mm² – 2.5 mm² "s" and 0.75 mm² – 1.5 mm² "Insulated ferrule, 12 mm"	
Item-specific accessories	
End plate, 1.5 mm/0.059 in thick	
 grey **2002-541**	100 (4 x 25)
WMB Multi marking card, 10 strips with 10 markers	
 each, white with black printing, 4 – 4.2 mm/0.157 - 0.165 in wide	
793-4 . . .	5 cards
794-4 . . .	5 cards
see Full Line Catalog W4 volume 1, section 14	

Item No.	Pack.-unit pcs
Modular TOPJOB®S connectors	
with CAGE CLAMP®S connection, modular, grey,	
1 pole **2002-511**	100 (4 x 25)
Spacer, for bridging over commoned terminal blocks, for example, modular, grey	
2002-549	100 (4 x 25)
❷ can be connected: 0.25 mm² – 4 mm² "s + f-st"; can be pushed in directly: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "Insulated ferrules, 12 mm"	
Item-specific accessories	
End plate, 1.5 mm/0.059 in thick	
 grey **2002-541**	100 (4 x 25)
WMB Multi marking card, 10 strips with 10 markers	
 each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide	
793-5 . . .	5 cards
794-5 . . .	5 cards
see Full Line Catalog W4 volume 1, section 14	

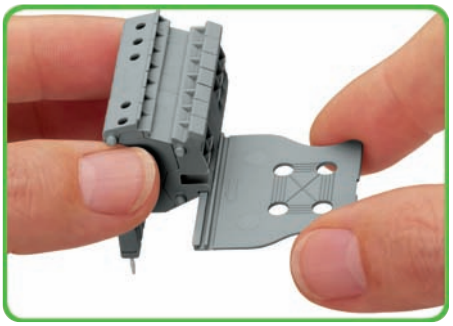
Item No.	Pack.-unit pcs
Modular TOPJOB®S connectors	
with CAGE CLAMP®S connection, modular, grey,	
1 pole **2004-511**	100 (4 x 25)
Spacer, for bridging over commoned terminal blocks, for example, modular, grey	
2004-549	100 (4 x 25)
❸ can be connected: 0.5 mm² – 6 mm² "s + f-st"; can be pushed in directly: 1 mm² – 6 mm² "s" and 0.75 mm² – 4 mm² "Insulated ferrule, 12 mm"	
Item-specific accessories	
End plate, 1.5 mm/0.059 in thick	
 grey **2002-541**	100 (4 x 25)
WMB Multi marking card, 10 strips with 10 markers	
 each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide	
793-5 . . .	5 cards
794-5 . . .	5 cards
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

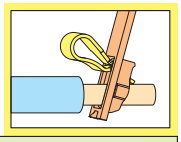
Accessories for TOPJOB®S connectors

appropriate marker system **WMB/Marker strips** (see Full Line Catalog W4 volume 1, section 14)

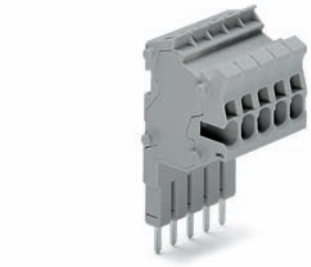
Test plug, with cable 500 mm/1'7.7"		**Strain relief plate,** grey	
 2.3 mm/0.091 in Ø yellow	**210-137** 50 (5 x 10)	 snappable onto connector strips	
Test plug, with cable 500 mm/1'7.7"		6 mm/0.236 in wide	**734-327** 100 (4 x 25)
 2 mm/0.079 in Ø red	**210-136** 50 (5 x 10)	12.5 mm/0.492 in wide	**734-328** 100 (4 x 25)
		25 mm/0.984 in wide	**734-329** 100 (4 x 25)
		35 mm/1.378 in wide	**734-326** 100 (4 x 25)

Marker strips, withe, plain, on roll	
 11 mm/0.039 in wide	
50 m **2009-110**	1
Marker strips, withe, plain, on roll	
 11 mm/0.039 in wide	
300 m **2009-130**	1

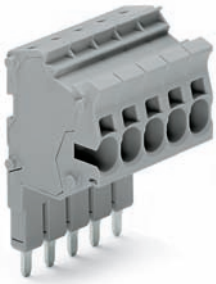
TOPJOB®S
Connector Strips with CAGE CLAMP®S Connection
Series 2001/2002/2004



0.25 – 1.5 (2.5) mm² ❶ | AWG 22 – 14	0.25 – 2.5 (4) mm² ❷ | AWG 22 – 12	0.5 – 4 (6) mm² ❸ | AWG 20 – 10
500 V/6 kV/3	500 V/6 kV/3	500 V/6 kV/3
18 A	24 A	32 A
Terminal block width 4.2 mm / 0.165 in	Terminal block width 5.2 mm / 0.205 in	Terminal block width 6.2 mm / 0.244 in
9 – 11 mm / 0.39 in	10 – 12 mm / 0.43 in	11 – 13 mm / 0.47 in







Item No.	Pack.-unit pcs
Modular TOPJOB®S connector strips	
with CAGE CLAMP®S connection, modular, grey,	
2-pole **2001-552**	
3-pole **2001-553**	
4-pole **2001-554**	
5-pole **2001-555**	
6-pole **2001-556**	
7-pole **2001-557**	
8-pole **2001-558**	
9-pole **2001-559**	
10-pole **2001-560**	
❶ can be connected: 0.25 mm² – 2.5 mm² "s + f-st"; can be pushed in directly: 0.5 mm² – 2.5 mm² "s" and 0.75 mm² – 1.5 mm² "Insulated ferrule, 12 mm"	

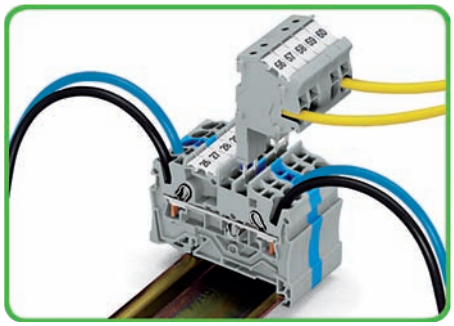
Item-specific accessories

WMB Multi marking card, 10 strips with 10 markers each, white with black printing, 4 – 4.2 mm/0.157 - 0.165 in wide

793-4 . . . 5 cards

794-4 . . . 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.

Item No.	Pack.-unit pcs
Modular TOPJOB®S connector strips	
with CAGE CLAMP®S connection, modular, grey,	
2-pole **2002-552**	
3-pole **2002-553**	
4-pole **2002-554**	
5-pole **2002-555**	
6-pole **2002-556**	
7-pole **2002-557**	
8-pole **2002-558**	
9-pole **2002-559**	
10-pole **2002-560**	
❷ can be connected: 0.25 mm² – 4 mm² "s + f-st"; can be pushed in directly: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "Insulated ferrules, 12 mm"	

Item-specific accessories

WMB Multi marking card, 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide

793-5 . . . 5 cards

794-5 . . . 5 cards

see Full Line Catalog W4 volume 1, section 14

Miniature WSB Quick marking card, 10 strips with 10 markers each, white with black printing, 5 mm /0.197 in wide

248- . . . 5 cards

249- . . . 5 cards

see Full Line Catalog W4 volume 1, section 14

WMB Inline, pitch 5 mm/0.197 in, strechable 5 mm – 5.2 mm/0.197 in – 0.205 in, on roll, 1,500 markers

withe **2009-115** 1

Item No.	Pack.-unit pcs
Modular TOPJOB®S connector strips	
with CAGE CLAMP®S connection, modular, grey,	
2-pole **2004-552**	
3-pole **2004-553**	
4-pole **2004-554**	
5-pole **2004-555**	
❸ can be connected: 0.5 mm² – 6 mm² "s + f-st"; can be pushed in directly: 1 mm² – 6 mm² "s" and 0.75 mm² – 4 mm² "Insulated ferrule, 12 mm"	

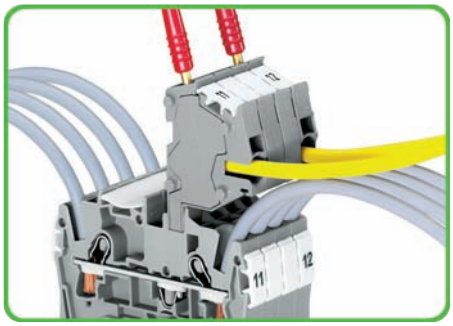
Item-specific accessories

WMB Multi marking card, 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide

793-5 . . . 5 cards

794-5 . . . 5 cards

see Full Line Catalog W4 volume 1, section 14



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

Accessories for TOPJOB®S connectors

appropriate marker system **WMB/Marker strips** (see Full Line Catalog W4 volume 1, section 14)

Test plug, with cable 500 mm/17.7"

2.3 mm/0.091 in Ø

yellow **210-137** 50 (5 x 10)

Test plug, with cable 500 mm/17.7"

2 mm/0.079 in Ø

red **210-136** 50 (5 x 10)

Strain relief plate, grey

snappable onto connector strips

6	mm/0.236 in wide	**734-327**	100 (4 x 25)
12.5	mm/0.492 in wide	**734-328**	100 (4 x 25)
25	mm/0.984 in wide	**734-329**	100 (4 x 25)
35	mm/1.378 in wide	**734-326**	100 (4 x 25)

Marker strips, withe, plain, on roll

11 mm/0.039 in wide

50 m **2009-110** 1

Marker strips, withe, plain, on roll

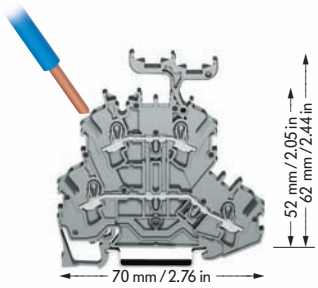
11 mm/0.039 in wide

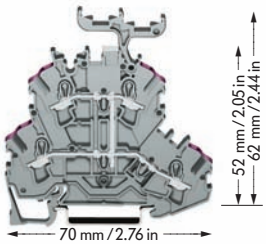
300 m **2009-130** 1

TOPJOB®S
Double Deck Terminal Blocks 2.5 (4) mm² /AWG 12
Series 2002

0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 500 V/6 kV/3 24 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in *	0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 500 V/6 kV/3 24 A Terminal block width 5.2 / 0.205 in 10 – 12 mm / 0.43 in *	

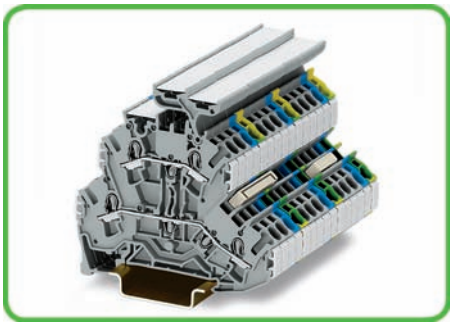
❶ can be connected: 0.25 mm² – 4 mm² "s + f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and
0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"



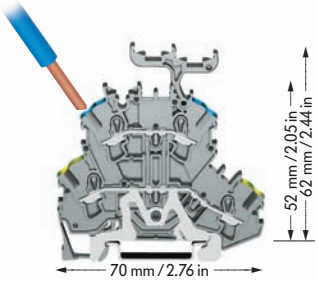


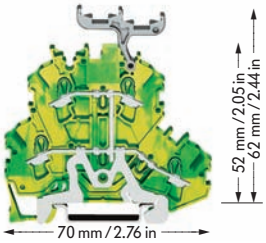
	Item No.	Item No.	Pack.-unit pcs
Double deck terminal blocks, for DIN 35 rail			
Through-/through terminal blocks,			
housing color grey			
Marking carrier with		without	
L/L	**2002-2231**	**2002-2201**	50
N/L	**2002-2232**	**2002-2202**	50
L/N	**2002-2233**	**2002-2203**	50
Housing color blue			
N/N	**2002-2234** ❷	**2002-2204** ❷	50
Ex applications are being prepared			
❷ Suitable for Ex i applications			

	Item No.	Item No.	Pack.-unit pcs
Double deck terminal blocks, for DIN 35 rail			
4-conductor through terminal block, internal commoning,			
housing color grey, conductor entry position colored in violet			
Marking carrier with		without	
L	**2002-2238**	**2002-2208**	50
4-conductor through terminal block,			
internal commoning, housing color blue,			
conductor entry position colored in violet			
N	**2002-2239** ❷	**2002-2209** ❷	50
Ex applications are being prepared			
❷ Suitable for Ex i applications			



❶ can be connected: 0.25 mm² – 4 mm² "s + f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and
0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"





	Item No.	Item No.	Pack.-unit pcs
Double deck terminal blocks, for DIN 35 rail			
Ground (earth) conductor/through terminal block,			
Housing color grey			
Marking carrier with		without	
PE/N	**2002-2247**	**2002-2217**	50
PE/L	**2002-2257**	**2002-2227**	50
Ex applications are being prepared			

	Item No.	Item No.	Pack.-unit pcs
Double deck terminal blocks, for DIN 35 rail			
4-conductor ground (earth) terminal block,			
internal commoning			
Housing color green-yellow			
Marking carrier with		without	
PE	**2002-2237**	**2002-2207**	50
Ex applications are being prepared			

	Item No.	Pack.-unit pcs

Accessories

Appropriate marking system **WMB/marker strips/WMB Inline** (see page 38 to 39)

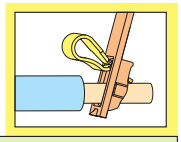
End and intermediate plate, 0.8 mm/0.032 in thick			
	orange	**2002-2292**	100 (4 x 25)
	grey	**2002-2291**	100 (4 x 25)
Push-in type jumper bars, light grey, insulated, I_N			
	2-way	**2002-402**	200 (8 x 25)
	3-way	**2002-403**	200 (8 x 25)
	4-way	**2002-404**	200 (8 x 25)
	5-way	**2002-405**	100 (4 x 25)
	:	:	
	10-way	**2002-410**	100 (4 x 25)

Two-way marking adapter,			
	pivotable		
	2002-121		50 (4 x 25)
Push-in type jumper bars, light grey, insulated, I_N			
	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)
Marker strips, white, plain, for central marking,			
	11 mm/0.433 in wide,		
	on roll		
	50 m	**2009-110**	1
	300 m	**2009-130**	1
Insulation stop, see page 17			

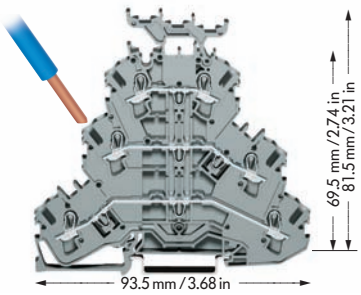
*For further approvals with corresponding ratings see page 49.

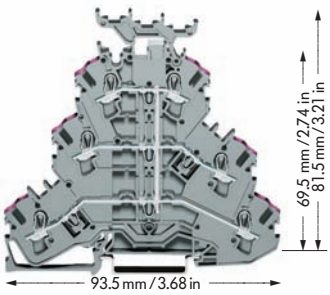
TOPJOB®S
Triple Deck Terminal Blocks 2.5 (4) mm² /AWG 12
Series 2002

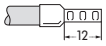


0.25 – 2.5 (4) mm²❶ | AWG 22 – 12 500 V/6 kV/3 24 A Terminal block width 5.2 / 0.205 in 10 – 12 mm / 0.43 in *	0.25 – 2.5 (4) mm²❶ | AWG 22 – 12 500 V/6 kV/3 24 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in *	0.25 – 2.5 (4) mm²❶ | AWG 22 – 12 500 V/6 kV/3 24 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in *

❶ can be connected: 0.25 mm² – 4 mm² "s+f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"





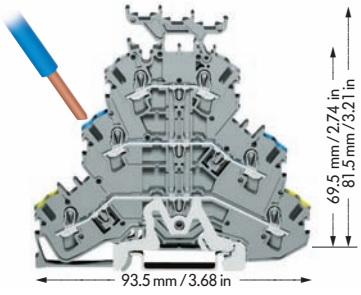


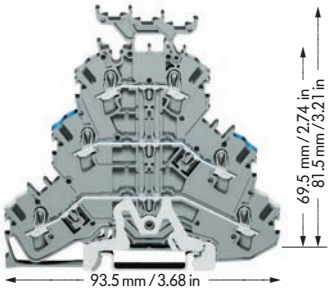
	Item No.	Item No.	Pack.-unit pcs
Triple deck terminal blocks, for DIN 35 rail			
Through-/through-/through terminal blocks,			
housing color grey			
Marking carrier with		without	
L/L/L	**2002-3231**	**2002-3201**	50
L/L/N	**2002-3233**	**2002-3203**	50
Housing color blue			
N/N/N	**2002-3234**❷	**2002-3204**❷	50
Ⓔx applications are being prepared			
❷ Suitable for Ex i applications			

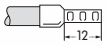
	Item No.	Item No.	Pack.-unit pcs
Triple deck terminal block, for DIN 35 rail			
6-conductor through terminal block, internal commoning,			
housing color grey, conductor entry position colored in violet			
Marking carrier with		without	
L	**2002-3238**	**2002-3208**	50
6-conductor through terminal block,			
internal commoning, housing color blue,			
conductor entry position colored in violet			
N	**2002-3239**❷	**2002-3209**❷	50
Ⓔx applications are being prepared			
❷ Suitable for Ex i applications			

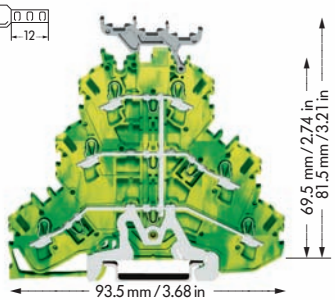


❶ can be connected: 0.25 mm² – 4 mm² "s+f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"









	Item No.	Item No.	Pack.-unit pcs
Triple deck terminal blocks, for DIN 35 rail			
Ground (earth)/through/through terminal blocks,			
housing color grey			
Marking carrier with		without	
PE/N/L	**2002-3247**	**2002-3217**	50
PE/L/L	**2002-3257**	**2002-3227**	50
Ⓔx applications are being prepared			

	Item No.	Item No.	Pack.-unit pcs
Triple deck terminal block, for DIN 35 rail			
Shield (screen)/through/through terminal blocks,			
housing color grey			
Marking carrier with		without	
Schirm/N/L	**2002-3248**	**2002-3218**	50
Schirm/L/L	**2002-3258**	**2002-3228**	50
Ⓔx applications are being prepared			

	Item No.	Item No.	Pack.-unit pcs
Triple deck terminal block, for DIN 35 rail			
6-conductor ground (earth) terminal block,			
internal commoning			
housing color green-yellow			
Marking carrier with		without	
PE	**2002-3237**	**2002-3207**	50
Ⓔx applications are being prepared			

Accessories

Appropriate marking system **WMB/marker strips/WMB Inline** (see page 38 to 39)

End and intermediate plate, 0.8 mm/0.032 in thick



orange	**2002-3292**	100 (4 x 25)
grey	**2002-3291**	100 (4 x 25)

Two-way marking adapter,



pivotable

2002-121		50 (4 x 25)

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



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

Push-in type jumper bars, light grey, insulated, I_N



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)

Push-in type jumper bars, light grey, insulated, I_N



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)

Marker strips, white, plain, for central marking,

11 mm/0.433 in wide,
on roll

50 m	**2009-110**	1
300 m	**2009-130**	1

Insulation stop, see page 17

* For further approvals with corresponding ratings see page 49.

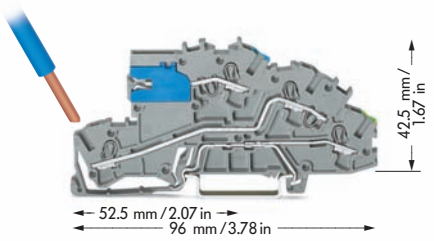
TOPJOB®S
Multilevel Installation Terminal Blocks 4 mm²/AWG 12
Series 2003

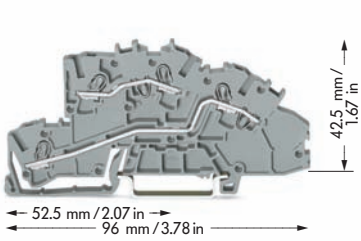
0.25 – 2.5 (4) mm²❶ AWG 22 – 12
250 V/4 kV❷/3 400 V/6 kV❸/3
32 A
Terminal block width 5.2 mm / 0.205 in
10 – 12 mm / 0.43 in

0.25 – 2.5 (4) mm²❶ AWG 22 – 12
400 V/6 kV/3
32 A
Terminal block width 5.2 mm / 0.205 in
10 – 12 mm / 0.43 in

Accessories for
2003 Series multilevel installation terminal blocks and
2002/2006/2016 Series N-conductor disconnect terminal blocks

❶ can be connected: 0.25 mm² – 4 mm² "s+f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and
0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"

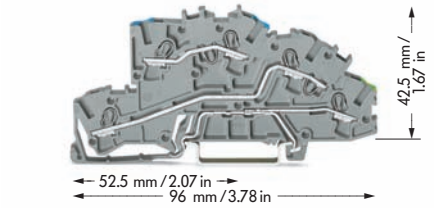




	Item No.	Pack.-unit pcs
Multilevel installation terminal block, grey		
with N-disconnect slide link		
NT/L/PE	**2003-7641**	50

❷ Potential-Ground ❸ Potential-Potential

	Item No.	Pack.-unit pcs
Multilevel installation terminal blocks, grey		
L/L	**2003-7642**	50
N/L	**2003-7649**	50



	Item No.	Pack.-unit pcs
Multilevel installation terminal blocks, grey		
N/L/PE	**2003-7646**	50
L/L/PE	**2003-7645**	50

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.

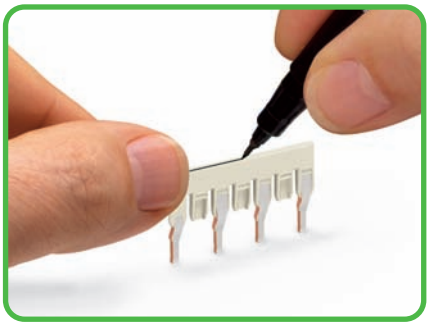
This makes it possible to create custom staggered jumpers, e.g. for bridging over a terminal block with a different potential. When creating the jumpers, make sure that only one contact lug is in contact with the terminal block.

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.

Examples of circuit configuration with staggered jumpers see page 48



Staggered jumper with 7 contacts
Breaking off contact lugs



Staggered jumper 1 – 3 – 5 – 7
Marking with a felttip pen



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

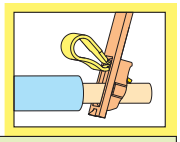


Locate red stripes of the **staggered jumpers** on the inside

	Item No.	Pack.-unit pcs
End and intermediate plate, 1 mm / 0.039 in thick		
orange	**2003-7692**	100 (4 x 25)
Busbar carrier, for DIN rail 35 (not suitable for use as end stop)		
1.5 mm/0.059 in thick		
blue	**2009-304**	100 (4 x 25)
Busbar carrier with end stop function and detachable separator plate, for DIN rail 35; 7.5 mm / 0.295 in dick		
blue	**2009-305**	25
N-busbar, tinned		
Copper 10 mm x 3 mm, I_N 140 A, 1000 mm / 39.37 in long	**210-133**	1
Cover for N-busbar		
transparent		
1000 mm / 39.37 in long	**777-303**	1
Neutral supply terminal block, I_N 76 A, 16 mm², blue		
12 mm wide	**2016-7114**	25
Ground (earth) supply terminal block, I_N 76 A, 16 mm², green-yellow, 12mm wide	**2016-1207**	20
Connector, with blue cover,		
for N-busbar		
2.5 mm² – 16 mm²	**210-281**	100 (2 x 50)
Connector, uninsulated,		
for N-busbar		
2.5 mm² – 35 mm²	**209-105**	50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 25 A		
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)
Push-in type jumper bars, light grey, insulated, I_N 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)
Staggered jumper, light grey, insulated, I_N 25 A		
2-way	**2002-472**	100 (4 x 25)
3-way	**2002-473**	100 (4 x 25)
4-way	**2002-474**	100 (4 x 25)
5-way	**2002-475**	50 (2 x 25)
:	:	
12-way	**2002-482**	50 (2 x 25)
Test plug, 2 mm / 0.079 in Ø	**210-136**	50 (5 x 10)
Test plug adapter, for test plug 4 mm / 0.157 in Ø	**2009-174**	100 (4 x 25)
Testing tap, for max. 2.5 mm²	**2009-182**	100 (4 x 25)

TOPJOB®S
Multilevel Installation Terminal Blocks 6 mm²/AWG 8
Series 2005

available January 2007

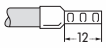


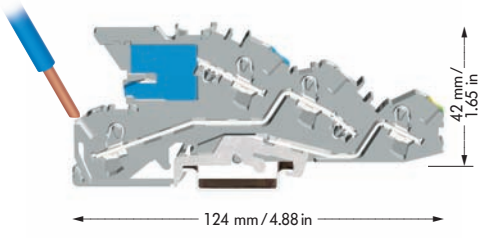
0.5 – 4 (6) mm²❶ AWG 20 – 10
250 V/4 kV❷/3 400 V/6 kV❸/3
36 A
Terminal block width 6.2 mm / 0.244 in
11 – 13 mm / 0.47 in

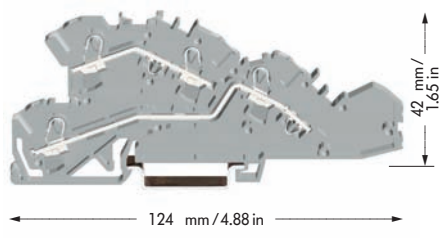
0.5 – 4 (6) mm²❶ AWG 20 – 10
400 V/6 kV/3
36 A
Terminal block width 6.2 mm / 0.244 in
11 – 13 mm / 0.47 in

Accessories for 2005 Series multilevel installation terminal blocks and 2002/2006/2016 Series N-conductor disconnect terminal blocks

❶ can be connected: 0.5 mm² – 6 mm² "s + f-st";
can be pushed in directly: 1 mm² – 6 mm² "s" and
0.75 mm² – 4 mm² "insulated ferrule, 12 mm"



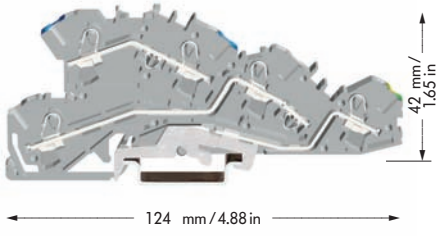




	Item No.	Pack.-unit pcs
Multilevel installation terminal block, grey		
with N-disconnect slide link		
NT/L/PE	**2005-7641**	50

	Item No.	Pack.-unit pcs
Multilevel installation terminal blocks, grey		
L/L	**2005-7642**	50
N/L	**2005-7649**	50

❷ Potential-Ground ❸ Potential-Potential

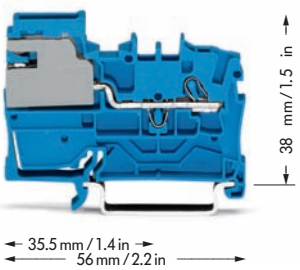


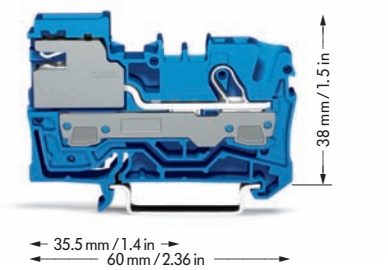
	Item No.	Pack.-unit pcs
Multilevel installation terminal blocks, grey		
N/L/PE	**2005-7646**	50
L/L/PE	**2005-7645**	50

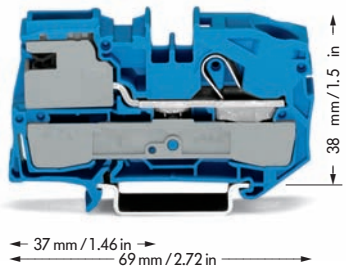
	Item No.	Pack.-unit pcs
End and intermediate plate, 1 mm / 0.039 in thick		
orange	**2005-7692**	100 (4 x 25)
Busbar carrier, for DIN rail 35 (not suitable for use as end stop)		
1.5 mm / 0.059 in thick		
blue	**2009-304**	100 (4 x 25)
Busbar carrier with end stop function and detachable separator plate, for DIN rail 35; 7.5 mm / 0.295 in dick		
blue	**2009-305**	25
N-busbar, tinned		
Copper 10 mm x 3 mm, I_N 140 A, 1000 mm / 39.37 in long	**210-133**	1
Cover for N-busbar		
transparent		
1000 mm / 39.37 in long	**777-303**	1
Neutral supply terminal block, I_N 76 A, 16 mm², blue		
12 mm wide	**2016-7114**	25
Ground (earth) supply terminal block, I_N 76 A,		
16 mm², green-yellow, 12mm wide	**2016-1207**	20
Connector, with blue cover,		
for N-busbar		
2.5 mm² – 16 mm²	**210-281**	100 (2 x 50)
Connector, uninsulated,		
for N-busbar		
2.5 mm² – 35 mm²	**209-105**	50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 32 A		
2-way	**2004-402**	100 (4 x 25)
3-way	**2004-403**	100 (4 x 25)
4-way	**2004-404**	100 (4 x 25)
5-way	**2004-405**	50 (2 x 25)
:	:	
10-way	**2004-410**	50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 32 A		
1 - 3	**2004-433**	100 (4 x 25)
1 - 4	**2004-434**	100 (4 x 25)
1 - 5	**2004-435**	50 (2 x 25)
:	:	
1 - 10	**2004-440**	50 (2 x 25)
Test plug, 2 mm / 0.079 in Ø	**210-136**	50 (5 x 10)
Test plug adapter, for test plug 4 mm / 0.157 in Ø	**2009-174**	100 (4 x 25)
Testing tap, for max. 2.5 mm²	**2009-182**	100 (4 x 25)

TOPJOB®S
N-Disconnect Terminal Blocks and Power Distribution Disconnect Terminal Blocks Series 2002, 2006 and 2016

0.25 – 2.5 (4) mm² ❶ **250 V/4 kV/3** **32 A**	**AWG 22 – 12**	**0.5 – 6 (10) mm² ❶** **250 V/4 kV/3** **51 A**	**AWG 20 – 8**	**0.5 – 16 (25 "f") mm² ❶** **250 V/4 kV/3** **76 A**	**AWG 20 – 4**
Terminal block width 5.2 mm / 0.205 in **10 – 12 mm / 0.43 in**		**Terminal block width 7,5 mm / 0.295 in** **13 – 15 mm / 0.55 in**		**Terminal block width 12 mm / 0.472 in** **18 – 20 mm / 0.75 in**	



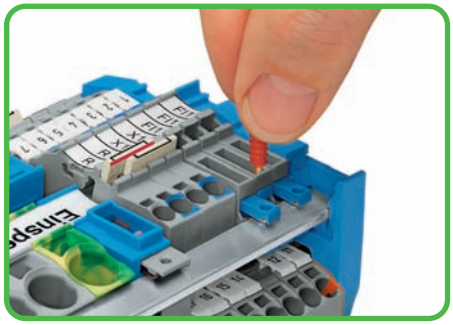




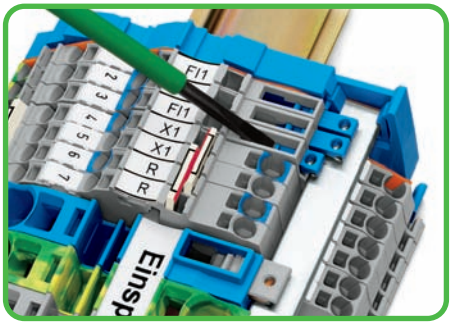
	Item No.	Pack.-unit pcs
1-conductor N-disconnect terminal block		
blue	**2002-7114 ❷**	50
1-conductor power distribution disconnect terminal block		
grey	**2002-7111 ❸**	50
End and intermediate plate, 0.8 mm / 0.031 in thick		
orange	**2002-7192**	100 (4 x 25)
For appropriate through and earth conductor terminal blocks see page 17		

	Item No.	Pack.-unit pcs
1-conductor N-disconnect terminal block		
blue	**2006-7114 ❷**	50
1-conductor power distribution disconnect terminal block		
grey	**2006-7111 ❸**	50
End and intermediate plate, 1 mm / 0.039 in thick		
orange	**2006-7192**	100 (4 x 25)
For appropriate through and earth conductor terminal blocks see page 17		

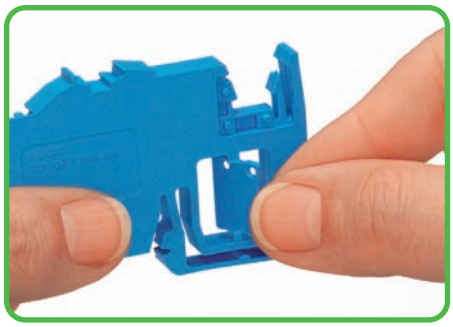
	Item No.	Pack.-unit pcs
1-conductor N-disconnect terminal block		
blue	**2016-7114 ❷**	25
1-conductor power distribution disconnect terminal block		
grey	**2016-7111 ❸**	25
End and intermediate plate, 1 mm / 0.039 in thick		
orange	**2016-7192**	100 (4 x 25)
For appropriate through and earth conductor terminal blocks see page 17		



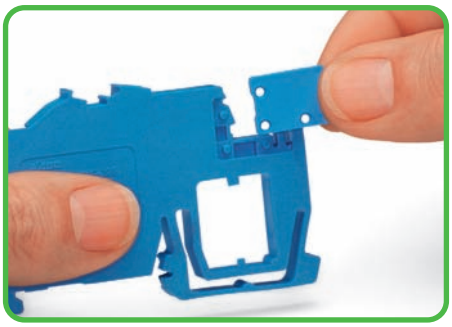
Testing with test plug Ø 2 mm



Operation of the slide link using a simple screwdriver



Removing the separator plate from the busbar carrier.



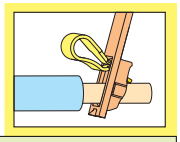
Insertion of the separator plate.
To protect the N-busbar against accidental contact

❶ see also appropriate through terminal blocks

❷ 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.

❸ 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 mm2. 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.

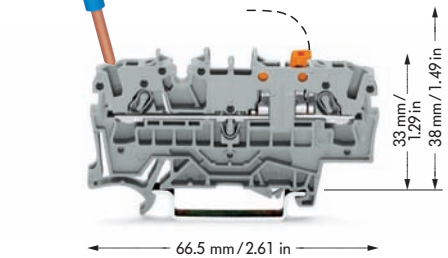
TOPJOB®S
Disconnect Terminal Blocks for Test and Measurement with Movable Knife Disconnect and Through Terminal Blocks, Series 2002

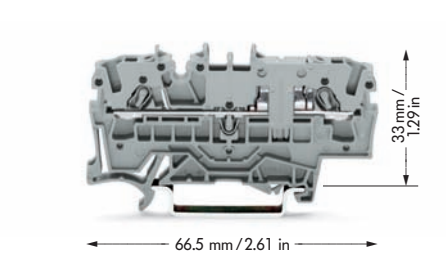


0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 400 V/6 kV/3 16 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 400 V/6 kV/3 16 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	

❶ can be connected: 0.25 mm² – 4 mm² "s+f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and
0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"







available August 2006

	Item No.	Pack.-unit pcs		Item No.	Pack.-unit pcs
2-conductor disconnect terminal block for test and measurement			**2-conductor through terminal blocks,** same profile as disconnect terminal block		
grey	**2002-1671**		grey	**2002-1601**	
blue	**2002-1674**		blue	**2002-1604**	
orange	**2002-1672**		orange	**2002-1602**	

Item-specific accessories

	Item No.	Pack.-unit pcs		Item No.	Pack.-unit pcs
End and intermediate plate, 1 mm / 0.039 in thick			**End and intermediate plate,** 1 mm / 0.039 in thick		
orange	**2002-1692**	100 (4 x 25)	orange	**2002-1692**	100 (4 x 25)
grey	**2002-1691**	100 (4 x 25)	grey	**2002-1691**	100 (4 x 25)

Accessories Series 2002

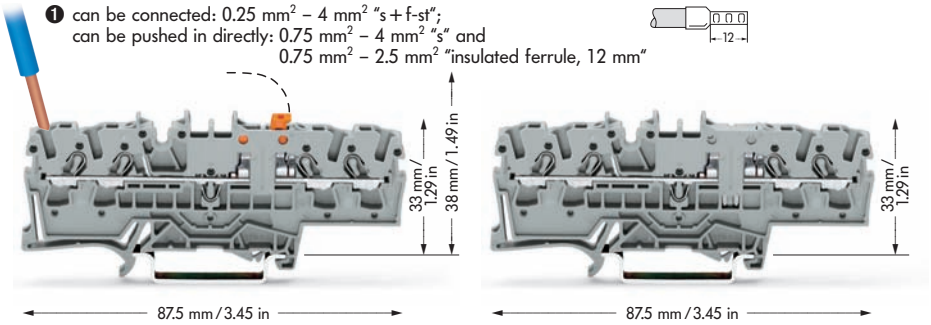
appropriate marker system **WMB/Marker strips/WMB Inline** (see pages 38 to 39)

	Item No.	Pack.-unit pcs		Item No.	Pack.-unit pcs
Insulation stop, 5 pcs/strip		200 strips	**Protective warning marker,** for 5 terminal blocks		
light grey	**2002-171**	0.25-0.5 mm²	yellow	**2002-115**	100 (4 x 25)
dark grey	**2002-172**	0.75-1 mm²			
Push-in type jumper bars, light grey, insulated, I_N 25 A			**Staggered jumper,** light grey, insulated, I_N 25 A		
2-way	**2002-402**	200 (8 x 25)	2-way	**2002-472**	100 (4 x 25)
3-way	**2002-403**	200 (8 x 25)	3-way	**2002-473**	100 (4 x 25)
4-way	**2002-404**	200 (8 x 25)	4-way	**2002-474**	100 (4 x 25)
5-way	**2002-405**	100 (4 x 25)	5-way	**2002-475**	50 (2 x 25)
:	:		:	:	
10-way	**2002-410**	100 (4 x 25)	12-way	**2002-482**	50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 25 A			**Test plug adapter,** for test plug 4 mm/0.157 in Ø		
				2009-174	100 (4 x 25)
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)	**Testing tap,** for max. 2.5 mm²		
				2009-182	100 (4 x 25)
Modular TOPJOB®S connector,** for jumper contact slot			**Two-way marking adapter,** pivotable		
1 pole	**2002-511**	100 (4 x 25)		**2002-121**	50 (4 x 25)
Spacer, modular	**2002-549**	100 (4 x 25)			
Test plug, with cable 500 mm / 17.7" 2 mm/0.079 in Ø					
red	**210-136**	50 (5 x 10)			

TOPJOB®S
Disconnect Terminal Blocks for Test and Measurement with Movable Knife Disconnect and Through Terminal Blocks, Series 2002

0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 **400 V/6 kV/3** **16 A** **Terminal block width 5.2 mm / 0.205 in** **10 – 12 mm / 0.43 in**	**0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12** **400 V/6 kV/3** **16 A** **Terminal block width 5.2 mm / 0.205 in** **10 – 12 mm / 0.43 in**	

❶ can be connected: 0.25 mm² – 4 mm² "s + f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and
0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"



available August 2006

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

Item-specific accessories

		Item No.	Pack.-unit pcs
End and intermediate plate, 1 mm / 0.039 in thick	orange	**2002-1892**	100 (4 x 25)
	grey	**2002-1891**	100 (4 x 25)
End and intermediate plate, 1 mm / 0.039 in thick	orange	**2002-1892**	100 (4 x 25)
	grey	**2002-1891**	100 (4 x 25)

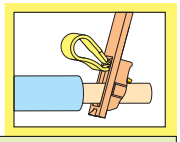
Accessories Series 2002

appropriate marker system **WMB/Marker strips/WMB Inline** (see pages 38 to 39)

Insulation stop, 5 pcs/strip			200 strips
	light grey	**2002-171**	0.25-0.5 mm²
	dark grey	**2002-172**	0.75-1 mm²
Protective warning marker, for 5 terminal blocks	yellow	**2002-115**	100 (4 x 25)
Push-in type jumper bars, light grey, insulated, I_N 25 A			
	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)
Staggered jumper, light grey, insulated, I_N 25 A			
	2-way	**2002-472**	100 (4 x 25)
	3-way	**2002-473**	100 (4 x 25)
	4-way	**2002-474**	100 (4 x 25)
	5-way	**2002-475**	50 (2 x 25)
	:	:	
	12-way	**2002-482**	50 (2 x 25)
Push-in type jumper bars, light grey, insulated, I_N 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)
Test plug adapter, for test plug 4 mm/0.157 in Ø		**2009-174**	100 (4 x 25)
Testing tap, for max. 2.5 mm²		**2009-182**	100 (4 x 25)
Modular TOPJOB®S connector,** for jumper contact slot			
	1 pole	**2002-511**	100 (4 x 25)
Two-way marking adapter, pivotable		**2002-121**	50 (4 x 25)
Spacer, modular		**2002-549**	100 (4 x 25)
Test plug, with cable 500 mm / 1'7.7" 2 mm/0.079 in Ø			
	red	**210-136**	50 (5 x 10)

TOPJOB®S
Double Deck Double Disconnect Terminal Blocks for Test and Measurement with Movable Knife Disconnect, Series 2002

available September 2006

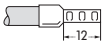


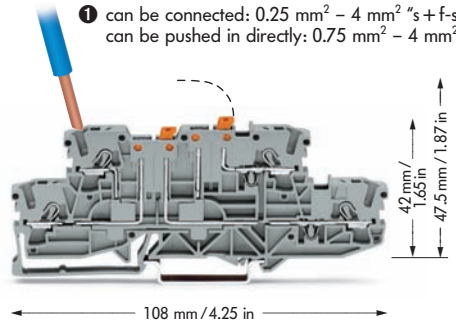
0.25 – 2.5 (4) mm² ❶	AWG 22 – 12
400 V/6 kV/3	
16 A	
Terminal block width 5.2 mm / 0.205 in	
10 – 12 mm / 0.43 in	

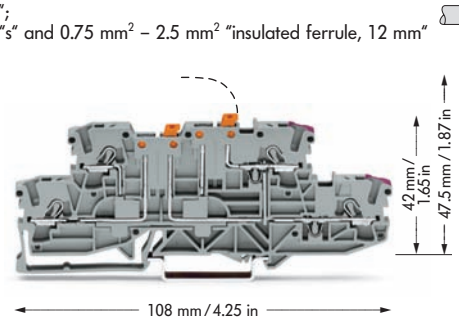
0.25 – 2.5 (4) mm² ❶	AWG 22 – 12
400 V/6 kV/3	
16 A	
Terminal block width 5.2 mm / 0.205 in	
10 – 12 mm / 0.43 in	

0.25 – 2.5 (4) mm² ❶	AWG 22 – 12
400 V/6 kV/3	
16 A	
Terminal block width 5.2 mm / 0.205 in	
10 – 12 mm / 0.43 in	

❶ can be connected: 0.25 mm² – 4 mm² "s + f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"







	Item No.	Pack.-unit pcs
4-conductor double deck double disconnect terminal blocks		
grey	**2002-2951**	
blue	**2002-2954**	
grey N/L	**2002-2952**	

	Item No.	Pack.-unit pcs
4-conductor double deck double disconnect terminal blocks, lower deck and upper deck internally commoned on right side and with violet marking		
grey	**2002-2958**	
blue	**2002-2959**	

	Item No.	Pack.-unit pcs
4-conductor double deck disconnect terminal blocks, with disconnect on uper deck only, same profile as double deck double disconnect terminal blocks		
grey	**2002-2971**	
blue	**2002-2974**	
grey N/L	**2002-2972**	

Item-specific accessories

End and intermediate plate, 1 mm / 0.039 in thick



orange	**2002-2992**	100 (4 x 25)
grey	**2002-2991**	100 (4 x 25)

End and intermediate plate, 1 mm / 0.039 in thick



orange	**2002-2992**	100 (4 x 25)
grey	**2002-2991**	100 (4 x 25)

End and intermediate plate, 1 mm / 0.039 in thick



orange	**2002-2992**	100 (4 x 25)
grey	**2002-2991**	100 (4 x 25)

Accessories Series 2002

appropriate marker system **WMB/Marker strips/WMB Inline** (see pages 38 to 39)

Insulation stop, 5 pcs/strip



light grey	**2002-171**	0.25-0.5 mm²	200 strips
dark grey	**2002-172**	0.75-1 mm²	

Protective warning marker,



for 5 terminal blocks		
yellow	**2002-115**	100 (4 x 25)

Test plug, with cable 500 mm / 17.7"



2 mm / 0.079 in Ø			
red	**210-136**	50 (5 x 10)	

Push-in type jumper bars, light grey, insulated, I_N 25 A



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)

Push-in type jumper bars, light grey, insulated, I_N 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)

Staggered jumper, light grey, insulated, I_N 25 A



2-way	**2002-472**	100 (4 x 25)
3-way	**2002-473**	100 (4 x 25)
4-way	**2002-474**	100 (4 x 25)
5-way	**2002-475**	50 (2 x 25)
:	:	
12-way	**2002-482**	50 (2 x 25)

Modular TOPJOB®S connector,**



for jumper contact slot		
1 pole	**2002-511**	100 (4 x 25)

Spacer, modular **2002-549** 100 (4 x 25)

Test plug adapter, for test plug 4 mm / 0.157 in Ø



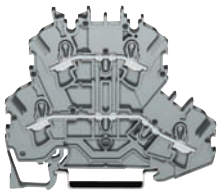
2009-174 100 (4 x 25)

Testing tap, for max. 2.5 mm²

2009-182 100 (4 x 25)

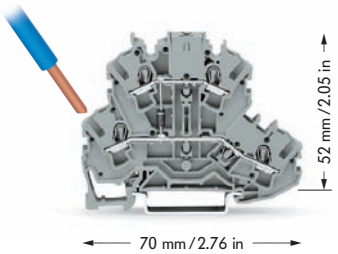
TOPJOB®S
Double Deck Diode Terminal Blocks / Double Deck LED Terminal Blocks 2.5 mm²/4 mm² / AWG 12, Series 2002

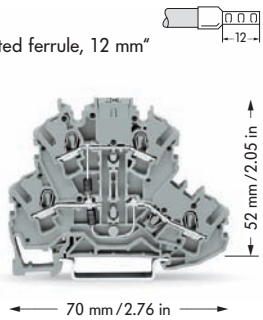
	0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in

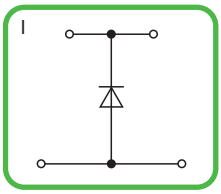


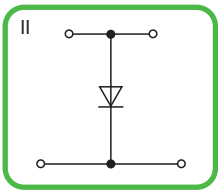
Through terminal blocks with the same shape
see page 26

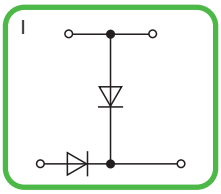
❶ can be connected: 0.25 mm² – 4 mm² "s + f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and
0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"

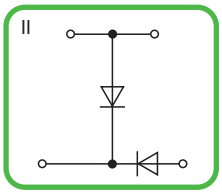






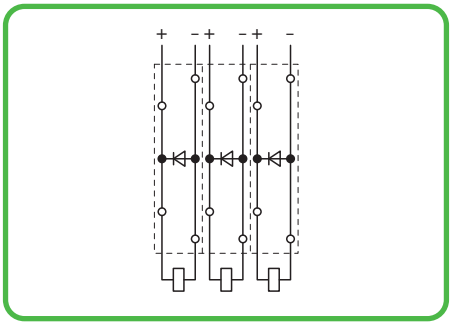




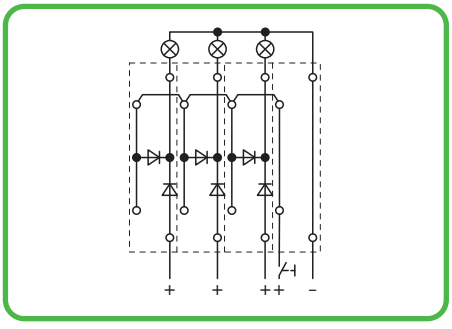


Description		Item No.	Pack. unit pcs		Item No.	Pack. unit pcs
Double deck diode terminal block		**Double deck diode terminal blocks**			**Double deck diode terminal blocks**	
and		**with diode 1 N 4007**			**with 2 diodes 1 N 4007**	
double deck LED terminal block, for DIN 35 rail	Circuit I, grey	**2002-2211/1000-0410**	50	Circuit I, grey	**2002-2214/1000-0492**	50
	Circuit II, grey	**2002-2211/1000-0411**	50	Circuit II, grey	**2002-2214/1000-0491**	50
Accessories		Appropriate marking system **WMB/WMB Inline** (see pages 38 to 39)				
End and		0.8 mm / 0.031 in thick			0.8 mm / 0.031 in thick	
intermediate plate	orange	**2002-2292**	100 (4 x 25)	orange	**2002-2292**	100 (4 x 25)
	grey	**2002-2291**	100 (4 x 25)	grey	**2002-2291**	100 (4 x 25)
Push-in type jumper bars,	2-way	**2002-402**	200 (8 x 25)	2-way	**2002-402**	200 (8 x 25)
light grey, insulated,	3-way	**2002-403**	200 (8 x 25)	3-way	**2002-403**	200 (8 x 25)
I_N 25 A	4-way	**2002-404**	200 (8 x 25)	4-way	**2002-404**	200 (8 x 25)
	5-way	**2002-405**	100 (4 x 25)	5-way	**2002-405**	100 (4 x 25)
	:	:		:	:	
	10-way	**2002-410**	100 (4 x 25)	10-way	**2002-410**	100 (4 x 25)
Push-in type jumper bars,						
light grey, insulated,	1 - 3	**2002-433**	200 (8 x 25)	1 - 3	**2002-433**	200 (8 x 25)
I_N 25 A	1 - 4	**2002-434**	200 (8 x 25)	1 - 4	**2002-434**	200 (8 x 25)
	1 - 5	**2002-435**	100 (4 x 25)	1 - 5	**2002-435**	100 (4 x 25)
	:	:		:	:	
	1 - 10	**2002-440**	100 (4 x 25)	1 - 10	**2002-440**	100 (4 x 25)
Two-way marking adapter,						
pivotable		**2002-121**	50 (2 x 25)		**2002-121**	50 (2 x 25)

Examples of circuit configuration

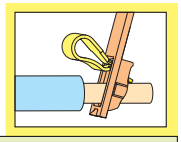


Used as recovery diodes

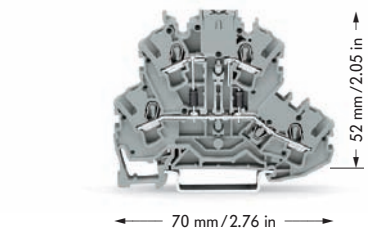


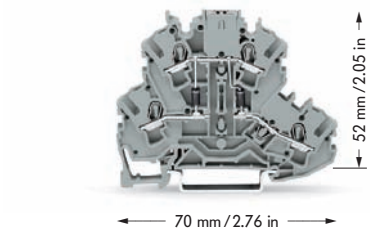
Used in lamp test circuit

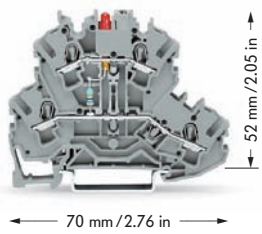
available
July 2006

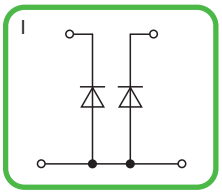


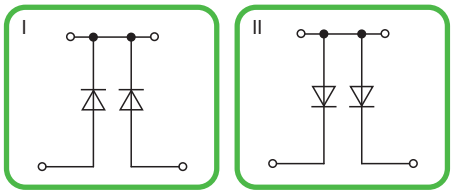
0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 DC 24 V I_F 25 mA max. Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in

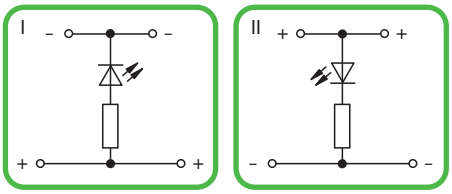




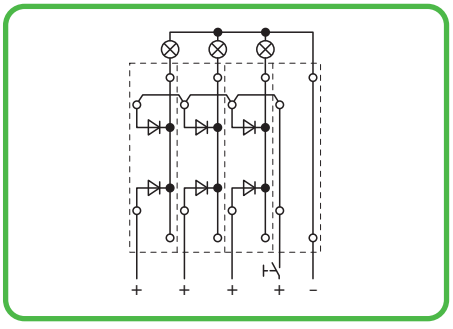




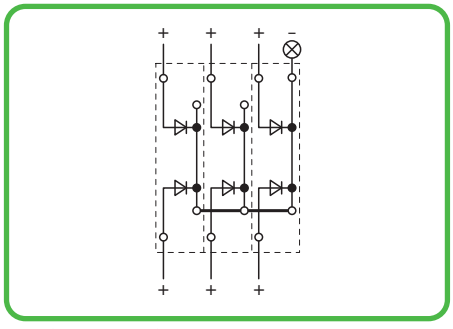




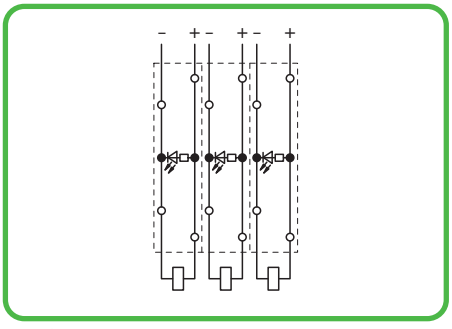
	Item No.	Pack. unit pcs		Item No.	Pack. unit pcs		Item No.	Pack. unit pcs
Double deck diode terminal blocks			**Double deck diode terminal blocks**			**Double deck LED terminal blocks**		
with 2 diodes 1 N 4007			**with 2 diodes 1 N 4007**			**with red LED,** DC 24 V		
Circuit I, grey	**2002-2213/1000-0487**	50	Circuit I, grey	**2002-2214/1000-0489**	50	Circuit I, grey	**2002-2221/1000-0434**	50
Circuit II, grey	**2002-2213/1000-0488**	50	Circuit II, grey	**2002-2214/1000-0490**	50	Circuit II, grey	**2002-2221/1000-0413**	50
Appropriate marking system **WMB/WMB Inline** (see pages 38 to 39)								
0.8 mm / 0.031 in thick			0.8 mm / 0.031 in thick			0.8 mm / 0.031 in thick		
orange	**2002-2292**	100 (4 x 25)	orange	**2002-2292**	100 (4 x 25)	orange	**2002-2292**	100 (4 x 25)
grey	**2002-2291**	100 (4 x 25)	grey	**2002-2291**	100 (4 x 25)	grey	**2002-2291**	100 (4 x 25)
2-way	**2002-402**	200 (8 x 25)	2-way	**2002-402**	200 (8 x 25)	2-way	**2002-402**	200 (8 x 25)
3-way	**2002-403**	200 (8 x 25)	3-way	**2002-403**	200 (8 x 25)	3-way	**2002-403**	200 (8 x 25)
4-way	**2002-404**	200 (8 x 25)	4-way	**2002-404**	200 (8 x 25)	4-way	**2002-404**	200 (8 x 25)
5-way	**2002-405**	100 (4 x 25)	5-way	**2002-405**	100 (4 x 25)	5-way	**2002-405**	100 (4 x 25)
:	:		:	:		:	:	
10-way	**2002-410**	100 (4 x 25)	10-way	**2002-410**	100 (4 x 25)	10-way	**2002-410**	100 (4 x 25)
1 - 3	**2002-433**	200 (8 x 25)	1 - 3	**2002-433**	200 (8 x 25)	1 - 3	**2002-433**	200 (8 x 25)
1 - 4	**2002-434**	200 (8 x 25)	1 - 4	**2002-434**	200 (8 x 25)	1 - 4	**2002-434**	200 (8 x 25)
1 - 5	**2002-435**	100 (4 x 25)	1 - 5	**2002-435**	100 (4 x 25)	1 - 5	**2002-435**	100 (4 x 25)
:	:		:	:		:	:	
1 - 10	**2002-440**	100 (4 x 25)	1 - 10	**2002-440**	100 (4 x 25)	1 - 10	**2002-440**	100 (4 x 25)
	2002-121	50 (2 x 25)		**2002-121**	50 (2 x 25)		**2002-121**	50 (2 x 25)



Used in lamp test circuit



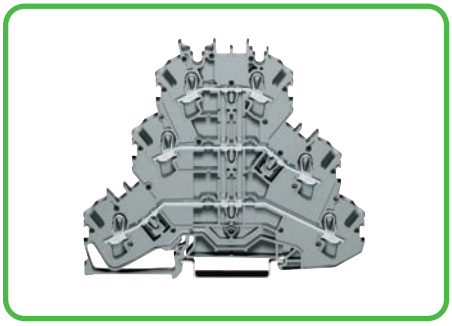
Used for collective fault indication



Used for voltage indication

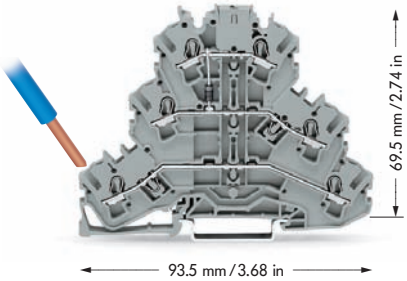
TOPJOB®S
Triple Deck Diode Terminal Blocks / Triple Deck LED Terminal Blocks
2.5 mm²/4 mm² / AWG 12, Series 2002

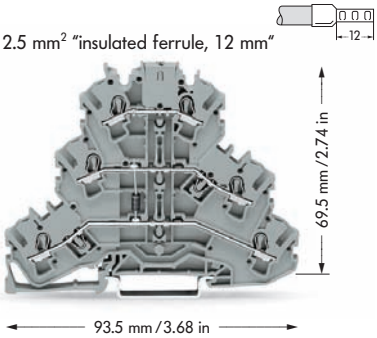
	0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in

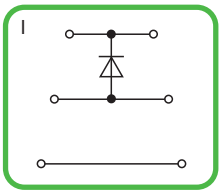


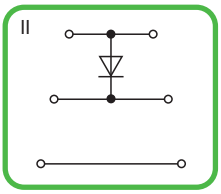
Through terminal blocks with the same shape
see page 27

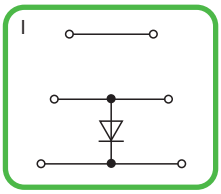
❶ can be connected: 0.25 mm² – 4 mm² "s + f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s" and 0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"

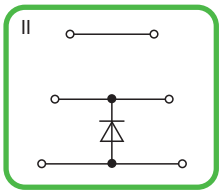






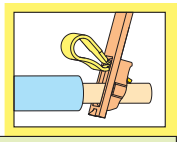




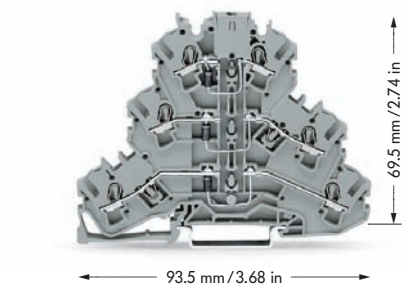


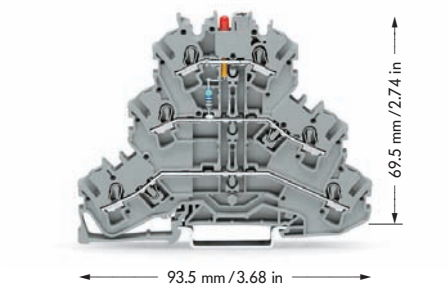
Description		Item No.	Pack. unit pcs		Item No.	Pack. unit pcs
Triple deck diode terminal block		**Triple deck diode terminal blocks**			**Triple deck diode terminal blocks**	
and		**with diode 1 N 4007**			**with diode 1 N 4007**	
Triple deck LED terminal block, for DIN 35 rail	Circuit I, grey	**2002-3211/1000-0410**	50	Circuit I, grey	**2002-3211/1000-0675**	50
	Circuit II, grey	**2002-3211/1000-0411**	50	Circuit II, grey	**2002-3211/1000-0676**	50
Accessories	Appropriate marking system **WMB/WMB Inline** (see pages 38 to 39)					
End and	0.8 mm / 0.031 in thick			0.8 mm / 0.031 in thick		
intermediate plate	orange	**2002-3292**	100 (4 x 25)	orange	**2002-3292**	100 (4 x 25)
	grey	**2002-3291**	100 (4 x 25)	grey	**2002-3291**	100 (4 x 25)
Push-in type jumper bars,	2-way	**2002-402**	200 (8 x 25)	2-way	**2002-402**	200 (8 x 25)
light grey, insulated,	3-way	**2002-403**	200 (8 x 25)	3-way	**2002-403**	200 (8 x 25)
I_N 25 A	4-way	**2002-404**	200 (8 x 25)	4-way	**2002-404**	200 (8 x 25)
	5-way	**2002-405**	100 (4 x 25)	5-way	**2002-405**	100 (4 x 25)
	:	:		:	:	
	10-way	**2002-410**	100 (4 x 25)	10-way	**2002-410**	100 (4 x 25)
Push-in type jumper bars,						
light grey, insulated,	1 - 3	**2002-433**	200 (8 x 25)	1 - 3	**2002-433**	200 (8 x 25)
I_N 25 A	1 - 4	**2002-434**	200 (8 x 25)	1 - 4	**2002-434**	200 (8 x 25)
	1 - 5	**2002-435**	100 (4 x 25)	1 - 5	**2002-435**	100 (4 x 25)
	:	:		:	:	
	1 - 10	**2002-440**	100 (4 x 25)	1 - 10	**2002-440**	100 (4 x 25)
Two-way marking adapter,						
pivotable		**2002-131**	50 (2 x 25)		**2002-131**	50 (2 x 25)

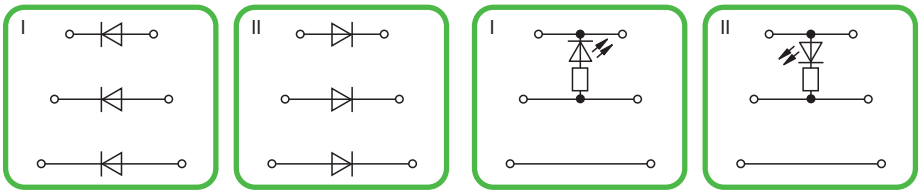
available
July 2006



0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm² ❶ | AWG 22 – 12 DC 24 V I_F 25 mA max. 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
Triple deck diode terminal blocks			**Triple deck LED terminal blocks**		
with 3 diodes 1 N 4007			**with red LED,** DC 24 V		
Circuit I, grey	**2002-3212/1000-0673**	50	Circuit I, grey	**2002-3221/1000-0434**	50
Circuit II, grey	**2002-3212/1000-0674**	50	Circuit II, grey	**2002-3221/1000-0413**	50

Appropriate marking system **WMB/WMB Inline** (see pages 38 to 39)

0.8 mm / 0.031 in thick			0.8 mm / 0.031 in thick		
orange	**2002-3292**	100 (4 x 25)	orange	**2002-3292**	100 (4 x 25)
grey	**2002-3291**	100 (4 x 25)	grey	**2002-3291**	100 (4 x 25)
2-way	**2002-402**	200 (8 x 25)	2-way	**2002-402**	200 (8 x 25)
3-way	**2002-403**	200 (8 x 25)	3-way	**2002-403**	200 (8 x 25)
4-way	**2002-404**	200 (8 x 25)	4-way	**2002-404**	200 (8 x 25)
5-way	**2002-405**	100 (4 x 25)	5-way	**2002-405**	100 (4 x 25)
:	:		:	:	
10-way	**2002-410**	100 (4 x 25)	10-way	**2002-410**	100 (4 x 25)
1 - 3	**2002-433**	200 (8 x 25)	1 - 3	**2002-433**	200 (8 x 25)
1 - 4	**2002-434**	200 (8 x 25)	1 - 4	**2002-434**	200 (8 x 25)
1 - 5	**2002-435**	100 (4 x 25)	1 - 5	**2002-435**	100 (4 x 25)
:	:		:	:	
1 - 10	**2002-440**	100 (4 x 25)	1 - 10	**2002-440**	100 (4 x 25)
	2002-131	50 (2 x 25)		**2002-131**	50 (2 x 25)

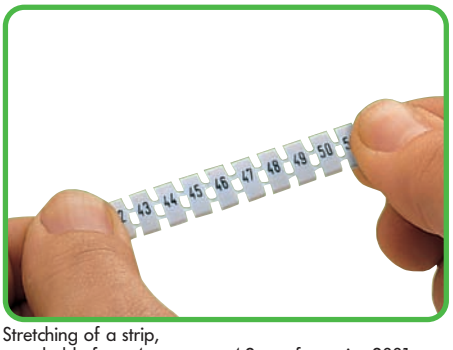
WAGO Multi Marking System WMB
Horizontal Marking

	Horizontal marking **Consecutive numbers each strip** **10 strips with 10 markers per card** **for terminal block widths** **4 – 4.2 mm und 5 – 12 mm**	





Marking per card	Item No.	Item No.	Pack. unit pcs
	Marker width		
	4 – 4.2 mm	**5 – 5.2 mm**	
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
for double deck terminal blocks	**for double deck terminal blocks**		
1, 3, 5, 7, 9, 11, . . . 99 und 2, 4, 6, 8, 10, 12, . . . 100 (1x)	–	**793-5599**	5 cards
for triple deck terminal blocks	**for triple deck terminal blocks**		
1, 4, 7, . . . 99 (1x)	–	**794-5557**	5 cards
100, 103, 106, . . . 198 (1x)	–	**794-5558**	5 cards
	WMB Inline	**2009-115**	
	(see page 40)		



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

WAGO Multi Marking System WMB
Vertical Marking

Colored Marker Cards

Vertical marking
Consecutive numbers each strip

10 strips with 10 markers per card
for terminal block widths
4 – 4.2 mm und 5 – 12 mm





Marking per card	Item No.	Item No.	Pack. unit pcs
	Marker width		
	4 – 4.2 mm	**5 – 5.2 mm**	
1 . . . 10 (10x)	**793-4602**	**793-5602**	5 cards
11 . . . 20 (10x)	**793-4603**	**793-5603**	5 cards
21 . . . 30 (10x)	**793-4604**	**793-5604**	5 cards
31 . . . 40 (10x)	**793-4605**	**793-5605**	5 cards
41 . . . 50 (10x)	**793-4606**	**793-5606**	5 cards
51 . . . 60 (10x)	**794-4601**	**794-5601**	5 cards
61 . . . 70 (10x)	**794-4602**	**794-5602**	5 cards
71 . . . 80 (10x)	**794-4603**	**794-5603**	5 cards
81 . . . 90 (10x)	**794-4604**	**794-5604**	5 cards
91 . . . 100 (10x)	**794-4605**	**794-5605**	5 cards
1 . . . 50 (2x)	**793-4666**	**793-5666**	5 cards
51 . . . 100 (2x)	**793-4607**	**793-5607**	5 cards
101 . . . 150 (2x)	**793-4608**	**793-5608**	5 cards
151 . . . 200 (2x)	**793-4609**	**793-5609**	5 cards
201 . . . 300 (1x)	**793-4610**	**793-5610**	5 cards
301 . . . 400 (1x)	**793-4611**	**793-5611**	5 cards
401 . . . 500 (1x)	**793-4612**	**793-5612**	5 cards
501 . . . 600 (1x)	**793-4613**	**793-5613**	5 cards
601 . . . 700 (1x	**793-4614**	**793-5614**	5 cards
701 . . . 800 (1x)	**793-4615**	**793-5615**	5 cards
801 . . . 900 (1x)	**793-4616**	**793-5616**	5 cards
901 . . . 1000 (1x)	**793-4617**	**793-5617**	5 cards
1 . . . 9, ; (10x)	**793-4665**	**793-5665**	5 cards
101, 101, 101, 102, 102, 102, . . . 130, 130, 130 (1x)	**793-4667**	**793-5667**	5 cards
131, 131, 131, 132, 132, 132, . . . 160, 160, 160 (1x)	**793-4668**	**793-5668**	5 cards
L1, L2, L3, N, PE, L1, L2, L3, N, PE (10x)	**794-4672**	**794-5672**	5 cards
R, S, T, U, V, W, X, Y, Z, Mp (10x)	**793-4644**	**793-5644**	5 cards
A, B, P, N, PE, PEN, L1, L2, L3, ⏚ (10x)	**793-4645**	**793-5645**	5 cards
for double deck terminal blocks	**for double deck terminal blocks**		
1, 3, 5, 7, 9, 11, . . . 99 und 2, 4, 6, 8, 10, 12, . . . 100 (1x)		**793-5699**	5 cards
101, 103, 105, . . . 149 und 102, 104, 106, . . . 150 (2x)		**793-5900**	5 cards
for triple deck terminal blocks	**for triple deck terminal blocks**		
1, 4, 7, . . . 99 (1x)		**794-4657**	5 cards
100, 103, 106, . . . 198 (1x)		**794-5658**	5 cards
	WMB Inline	**2009-115**	
	(see page 40)		

Color	Item No.	
Colored marker cards		
All the markings shown are also available with		
black printing on colored marker cards.		
Add. item no. for colored marker cards		
yellow	**. . ./000-002**	
red	**. . ./000-005**	
blue	**. . ./000-006**	
grey	**. . ./000-007**	
orange	**. . ./000-012**	
light green	**. . ./000-017**	
green	**. . ./000-023**	
violet	**. . ./000-024**	
Ordering examples		
Terminal block width 4 mm – WMB card		
Marking 1 . . . 50 on blue card		
	793-4566/000-006	
Terminal block width 5 mm – WMB card		
Marking 1 . . . 50 on green card		
	793-5566/000-023	
Note:		
Please note that colored marker cards are normally on		
longer delivery and more expensive than standard cards.		
plain, for self-marking		
793-4501	**793-5501**	5 cards
Marking pen	**210-110**	1
with fibre tip,		
for permanent marking		

Cost-Efficient and Fast Marking

WMB Inline	Marking strip, white for center marking	Thermal transfer printer

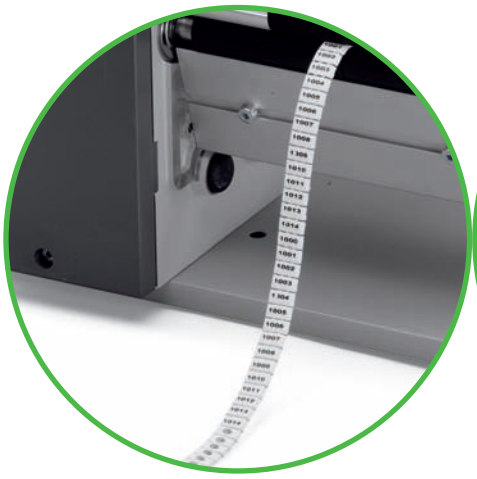




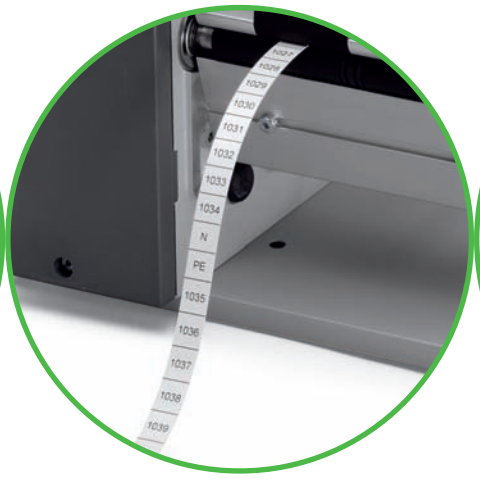


	Item No.	Pack.-unit pcs		Item No.	Pack.-unit pcs		Item No.
WMB Inline, pitch 5 mm/0.197 in,			**Marker strip,** white, plain			**Thermal transfer printerr, TP 298**	**258-298**
strechable 5 mm – 5.2 mm/0.197 in – 0.205 in,			for center marking			Resolution 300 dpi, without display	
on roll, 1,500 markers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

Application notes



WMB Inline
WMB markers on roll



Marker strips
on roll



Labels

Mounting Accessories
Carrier Rails and Stickers for Operating Instructions

TOPJOB®S group marker carriers

Module width 5 mm / 0.197 in
Module width 10 mm / 0.394 in
Module width 15 mm / 0.591 in

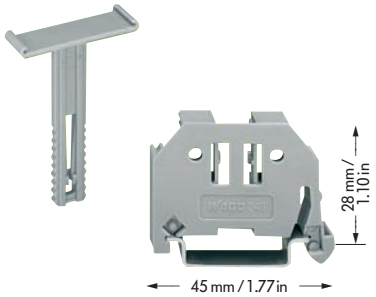
for marker cards and self-adhesive marker cards



	Item No.	Pack.-unit pcs
TOPJOB®S group marker carrier,		
snap-on type for jumper slot		
5 mm/0.197 in wide	**2009-191**	50
10 mm/0.394 in wide	**2009-192**	50
15 mm/0.591 in wide	**2009-193**	50
suitable for:		
WAGO Multi marking system WMB,		
miniature WSB Quick marking system,		
marker strips, 11 mm wide		
for marker cards and self-adhesive marker cards		
	2009-196	50

Adjustable height group marker carriers

End stop



	Item No.	Pack.-unit pcs
Adjustable height group marker carriers,		
	249-119	50 (2 x 25)
Marker card . . ., from white cardboard,		
for self-marking, 100 markers per sheet		
	209-113	1 sheet
. . . or self-adhesive label,		
for self-marking, 7 x 25 pcs per sheet		
	210-345	1 sheet
Protection cover, transparent		
	209-114	50
End stop, for DIN 35 rail		
6 mm/0.236 in wide	**249-116**	100 (4 x 25)
10 mm/0.394 in wide	**249-117**	50 (2 x 25)

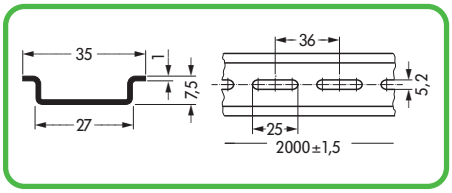
Screwdrivers
with partially insulated shaft
for optimum handling
in terminal blocks



	Item No.	Pack.-unit pcs
Screwdriver with partially insulated shaft,		
type 1, blade 2.5 x 0.4 mm/0.098 in x 0.016 in,		
suitable for series 2001		
	210-619	1
type 2, blade 3.5 x 0.5 mm/0.137 in x 0.020 in,		
suitable for Series 2002, 2004		
	210-620	1
type 3, blade 5.5 x 0.8 mm/0.217 in x 0.031 in,		
suitable for Series 2006, 2010, 2016		
	210-621	1
Screwdrivers with partially insulated shaft, – set –		
types 1 – 3	**210-622**	1

Carrier rail 35 x 7.5 mm,
1 mm/0.039 in thick,
acc. to EN 60715,
Steel, I_N 76 A (referred to a length of 1 m)

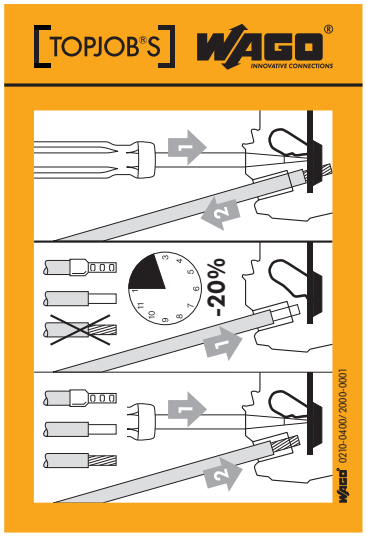




	Item No.	Pack.-unit pcs
	2 m/6'6" long	
Steel rail 35 x 7.5 mm,1 mm/0.039 in thick		
unslotted	**210-113**	10
Steel rail 35 x 7.5 mm,1 mm/0.039 in thick		
slotted	**210-112**	10

Operating sticker
for TOPJOB®S rail-mounted terminal blocks

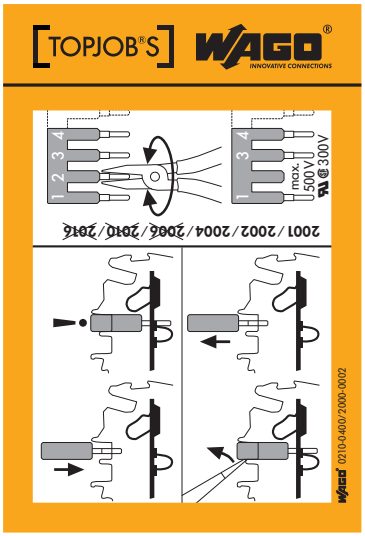
Size 80 mm x 101 mm



	Item No.	Pack.-unit pcs
Operating sticker,		
for TOPJOB®S rail-mounted terminal blocks		
Series 2001/2002/2004/2006/2010/2016		
	210-400/2000-0001	100

Operating sticker
for TOPJOB®S jumpers

Size 80 mm x 101 mm

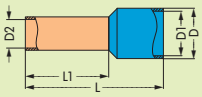


	Item No.	Pack.-unit pcs
Operating sticker,		
for TOPJOB®S jumpers		
Series 2001/2002/2004/2006/2010/2016		
	210-400/2000-0002	100

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		



Dimensions (in mm)	suitable for series	Sleeve for mm²	AWG	Color	Stripped length mm	L	L1	D mm	D1	D2	Item No	Pack.-unit pcs
	**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
Insulated ferrules	**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
Variocrimp 4,		
Crimping tool for ferrules		
insulated and uninsulated,		
0.25 mm² – 4 mm² / AWG 24 – 12		
	206-204	1
weight 400 g / 0.882 lbs		

	Item No.	Pack. unit pcs
Variocrimp 16,		
Crimping tool for ferrules		
insulated and uninsulated,		
6 mm² – 16 mm² / AWG 10 – 6		
	206-216	1
weight 580 g / 1.28 lbs		

TOPJOB®S
Overview of Connectable Ferrules from 0.5 mm²

Series	Rated cross-section in mm²	**0.5 mm²**	**0.75 mm²**	**1 mm²**	**1.5 mm²**	**2.5 mm²**	**4 mm²**	**6 mm²**	**10 mm²**	**16 mm²**
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**



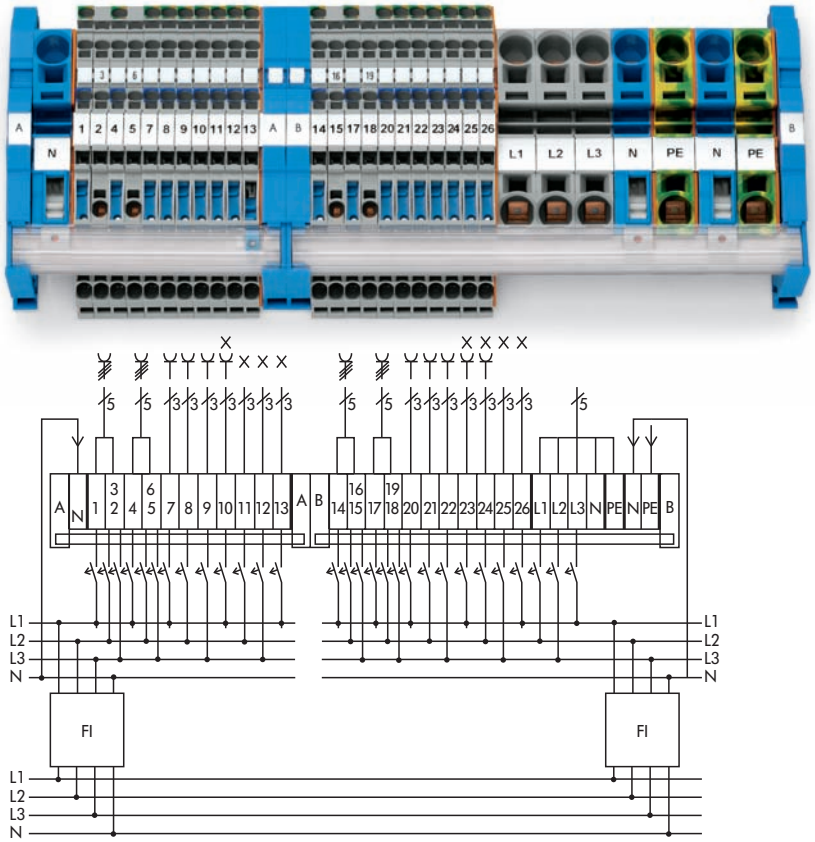
TOPJOB®S
Overview of Ferrules that can be Connected Directly (Push In)

Series	Rated cross section in mm²	**0.5 mm²**	**0.75 mm²**	**1 mm²**	**1.5 mm²**	**2.5 mm²**	**4 mm²**	**6 mm²**	**10 mm²**	**16 mm²**
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**



Examples of Circuit Configuration for WAGO TOPJOB®S

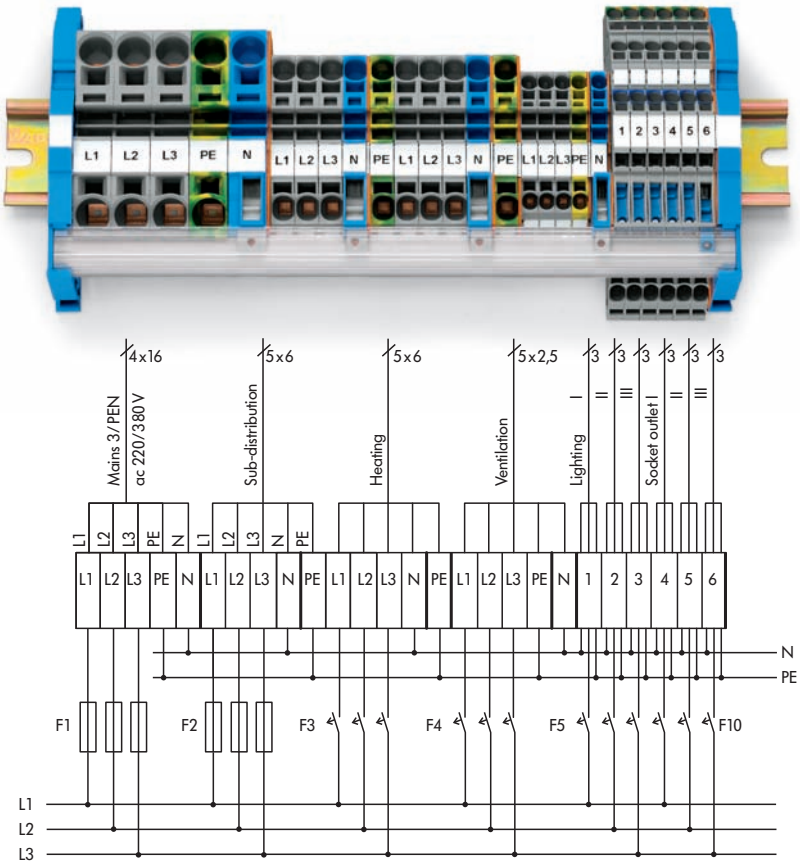
Distribution using multilevel installation terminal block (Series 2003), for three-phase and single phase a.c. with 2 residual current circuit breakers



Parts list

18 x 2003-7641	NT/L/PE
4 x 2003-7642	L/L
2 x 2003-7692	End plate
3 x 2016-1201	L
2 x 2016-1207	PE
3 x 2016-7114	NT
2 x 2016-7192	End plate
2 x 2016-1292	End plate
4 x 2009-305	Busbar carrier with end stop function
1 x 210-133	N-busbar
1 x 777-303	Transparent cover
1 x 2009-110	Marker strips
1 x 248-501	Mini-WSB
1 x 248-502	Mini-WSB

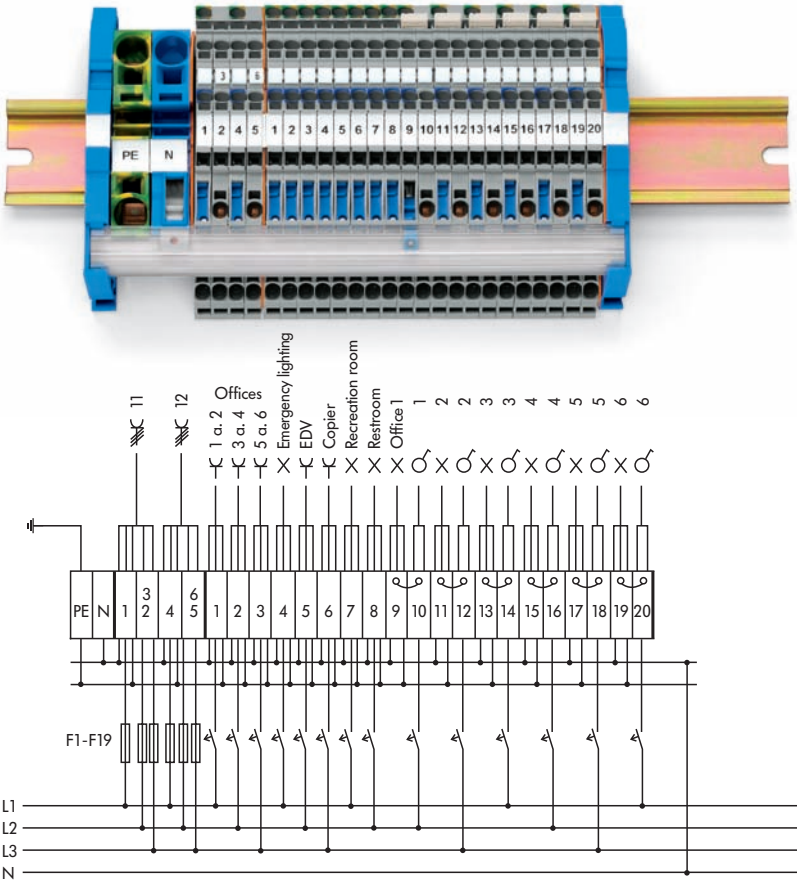
Supply of the TN-S system (mains) using the Series 2002, 2003, 2006 and 2016



Parts list

6 x 2003-7641	NT/L/PE
1 x 2003-7692	End plate
3 x 2002-1201	L
1 x 2002-1207	PE
1 x 2002-7114	NT
1 x 2002-1292	End plate
1 x 2002-7192	End plate
6 x 2006-1201	L
2 x 2006-1207	PE
1 x 2006-1292	End plate
2 x 2006-7114	NT
2 x 2006-7192	End plate
3 x 2016-1201	L
1 x 2016-1207	PE
1 x 2016-7114	NT
1 x 2016-7192	End plate
2 x 2009-305	Busbar carrier with end stop function
1 x 210-133	N-busbar
1 x 777-303	Transparent cover
1 x 2009-110	Marker strips

Distribution for office floor / wiring of the lighting to the distribution

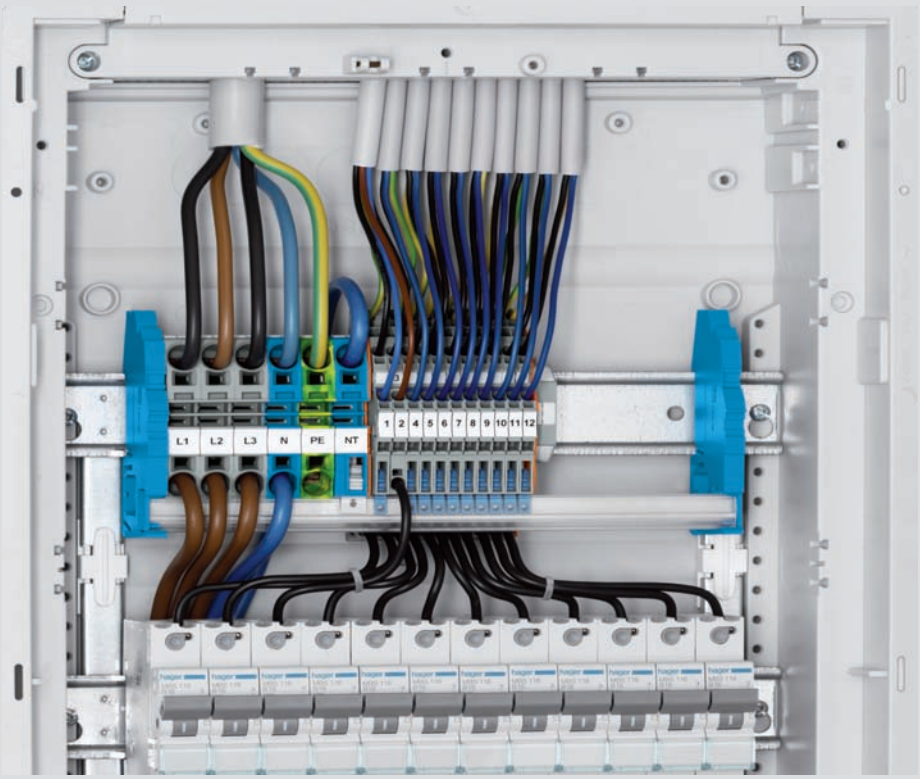


Parts list

1 x 2016-1207	PE
1 x 2016-7114	NT
1 x 2016-7192	End plate
16 x 2003-7641	NT/L/PE
8 x 2003-7642	L/L
2 x 2003-7692	End plate
2 x 2009-305	Busbar carrier with end stop function
1 x 210-133	N-busbar
1 x 777-303	Transparent cover
6 x 2002-402	Push-in type jumper bar
1 x 2009-110	Marker strips
1 x 248-566	Mini-WSB

Application Examples for TOPJOB®S Multilevel Installation

Standard consumer unit



Standard assembly of the multilevel installation terminal blocks on the carrier rail which is closest to the conductor entries.

Advantages:

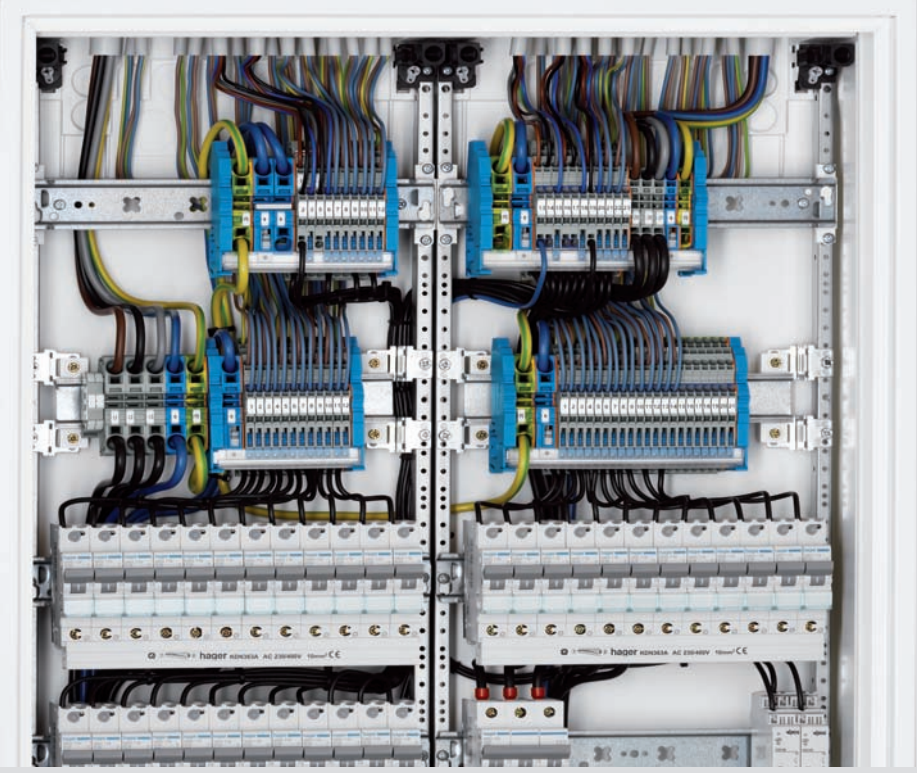
- Short wire lengths in the distribution box
- Clear arrangement of the circuits
- Large wiring space through small terminal block dimensions

On-wall mounted distribution box with double power line wiring using multilevel installation terminal blocks

The small dimensions of the multilevel installation terminal blocks make it possible to conveniently wire two carrier rails, one below the other.

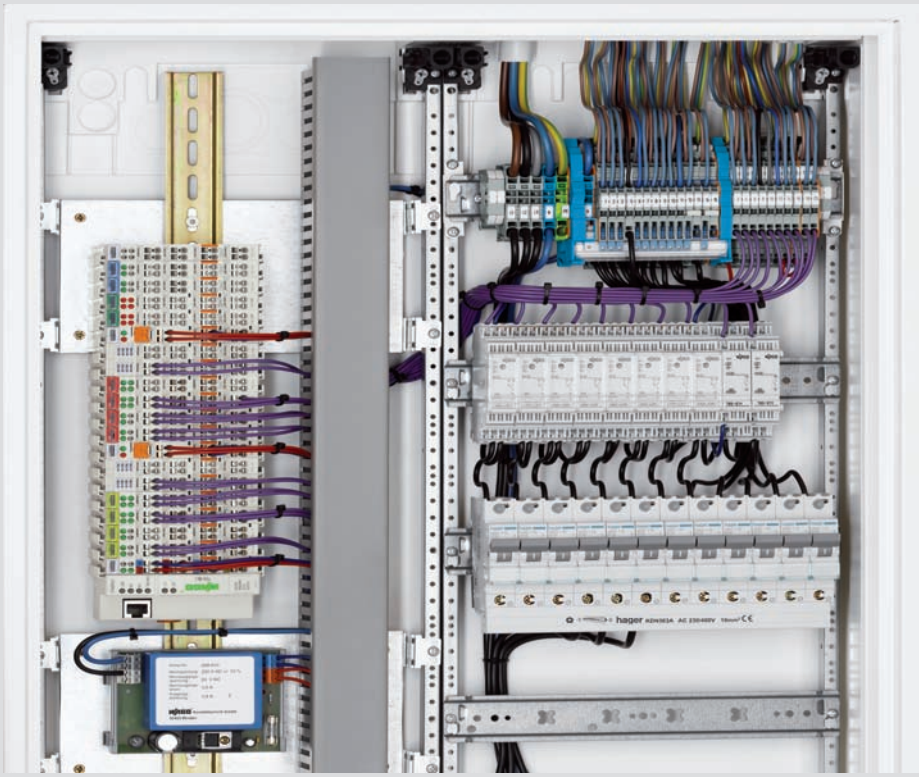
Advantages:

- Spatial separation of the circuits that are assigned to the individual residual current circuit breakers
- All groups of terminals can easily be extended



Terminal Blocks in Standard Distribution Boxes

On-wall mounted distribution box for power lines and building automation components



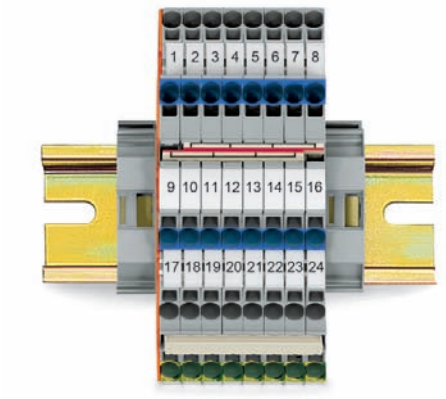
Separate arrangement of automation components and installation devices.

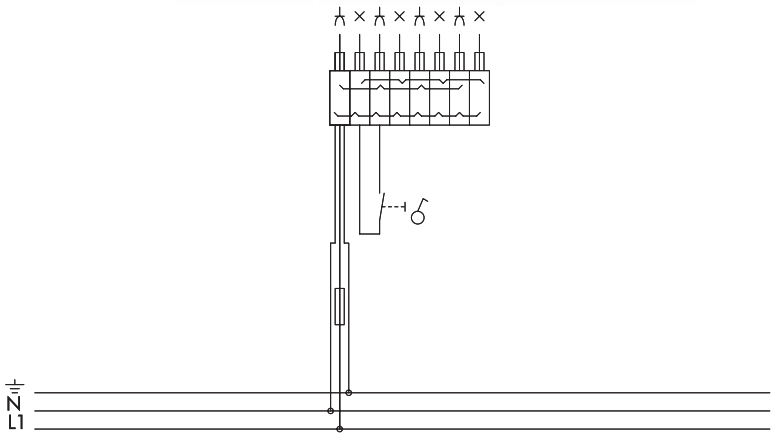
Advantages:

- Visual separation of power devices and electronics allows easy assignment of functions and error checking
- Optimal utilization of the bus controllers through a long, vertically mounted carrier rail

TOPJOB®S
Examples of Circuit Configuration with Staggered Jumpers

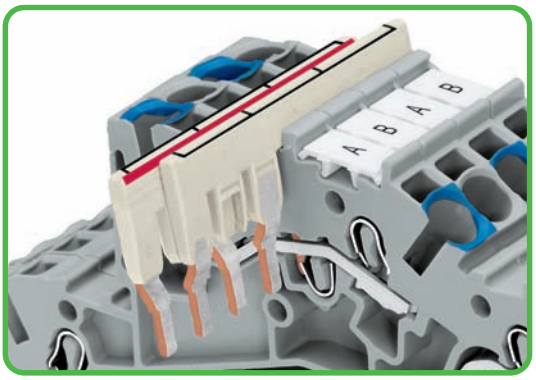
Commoning sockets/lighting fixtures



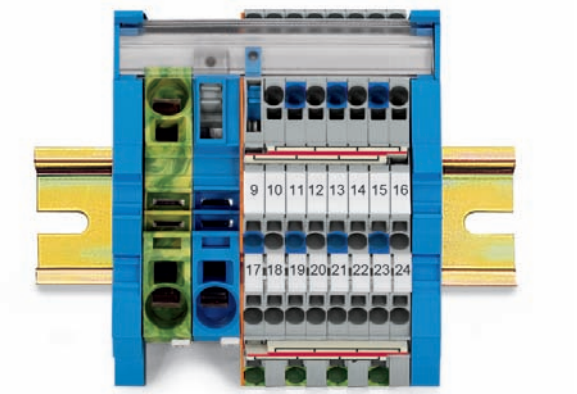


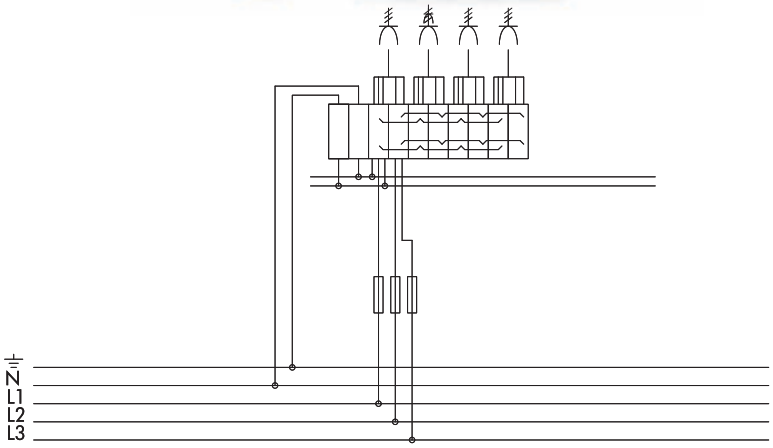
Parts list

2 x 249-117	End stop 10 mm
8 x 2003-7646	Multilevel installation terminal block N/L/PE
2 x 2002-477	Staggered jumper 7-way
1 x 2002-408	Push-in type jumper bar 8-way
1 x 2009-110	Marker strips
1 x 793-5566	WMB



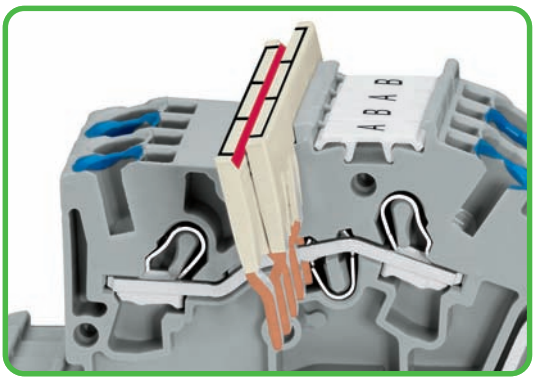
Commoning three-phase circuits





Parts list

2 x 2009-305	Busbar carrier with end stop function
1 x 2016-1207	2-conductor earth conductor terminal block
1 x 2016-7114	Single conductor N-disconnect terminal block
1 x 2003-7641	Multilevel installation terminal block NT/L/PE
4 x 2003-7642	Multilevel installation terminal block L/L
3 x 2003-7646	Multilevel installation terminal block N/L/PE
4 x 2002-477	Staggered jumper 7-way
1 x 2009-110	Marker strips
1 x 793-5566	WMB



Approvals
Dated April 2006

A list of approvals (update: catalog deadline) is provided on this page. Due to the numerous agencies and approvals as well as the ever-increasing number of new products, our online catalog provides you with complete up-to-date information at **www.wago.com**

UL – Underwriters Laboratories USA

Item No.	Approval-No.	Voltage V	Current A	Cross Section AWG/mm²
2001-120 .	E45172	600	15	22-14
2001-1207	E45172			22-14
2001-130 .	E45172	600	15	22-14
2001-1307	E45172			22-14
2001-140.	E45172	600	15	22-14
2001-1407	E45172			22-14
2002-120 .	E45172	600	20	22-12
2002-1207	E45172			22-12
2002-130 .	E45172	600	20	22-12
2002-1307	E45172			22-12
2002-140.	E45172	600	20	22-12
2002-1407	E45172			22-12
2002-22 . .	E45172	300/600	20/5	22-12
2002-32 . .	E45172	300/600	20/5	22-12
2004-120 .	E45172	600	30	20-10
2004-1207	E45172			20-10
2004-130 .	E45172	600	30	20-10
2004-1307	E45172			20-10
2004-140.	E45172	600	30	20-10
2004-1407	E45172			20-10
2006-120 .	E45172	600	50	20-8
2006-1207	E45172			20-8
2006-130 .	E45172	600	50	20-8
2006-1307	E45172			20-8
2016-120 .	E45172	600	85	20-4
2016-1207	E45172			20-4
2016-130 .	E45172	600	85	20-4
2016-1307	E45172			20-4

N.V. tot Keuring van Elektrotechnische Materialien, Netherlands

Item No.	Approval-No.	Voltage V	Current A	Cross Section AWG/mm²
2001-120 .	NL2031569.05	800	18	0,5-2,5
2001-1207	NL2031569.05			0,5-2,5
2001-130 .	NL2031569.05	800	18	0,5-2,5
2001-1307	NL2031569.05			0,5-2,5
2001-140 .	NL2031569.05	800	18	0,5-2,5
2001-1407	NL2031569.05			0,5-2,5
2002-120 .	NL2086303.01	800	24	0,5-4
2002-1207	NL2086303.01			0,5-4
2002-130 .	NL2086303.01	800	24	0,5-4
2002-1307	NL2086303.01			0,5-4
2002-140 .	NL2086303.01	800	24	0,5-4
2002-1407	NL2086303.01			0,5-4
2002-22 . .	NL2086303.01	500	24	0,2-4
2002-32 . .	NL2086303.01	500	24	0,2-4
2003-7641	NL2079570.51	250/400	32	0,25-4
2003-7642	NL2079570.51	400	32	0,25-4
2003-7645	NL2079570.51	250/400	32	0,25-4
2003-7646	NL2079570.51	250/400	32	0,25-4
2003-7649	NL2079570.51	400	32	0,25-4
2004-120 .	NL2031569.08	800	32	0,5-6
2004-1207	NL2031569.08			0,5-6
2004-130 .	NL2031569.08	800	32	0,5-6
2004-1307	NL2031569.08			0,5-6
2004-140 .	NL2031569.08	800	32	0,5-6
2004-1407	NL2031569.08			0,5-6
2006-120 .	NL2031569.03	800	41	0,5-10
2006-1207	NL2031569.03			0,5-10
2006-130 .	NL2031569.03	800	41	0,5-10
2006-1307	NL2031569.03			0,5-10
2010-120 .	NL2031569.02	800	57	0,5-16
2010-1207	NL2031569.02			0,5-16
2010-130 .	NL2031569.02	800	57	0,5-16
2010-1307	NL2031569.02			0,5-16
2016-120 .	NL2031569.04	800	76	0,5-25 "f"
2016-1207	NL2031569.04			0,5-25 "f"
2016-130 .	NL2031569.04	800	76	0,5-25 "f"
2016-1307	NL2031569.04			0,5-25 "f"

CSA – Canadian Standard Association Canada

Item No.	Approval-No.	Voltage V	Current A	Cross Section AWG/mm²
2001-120 .	154112-1645434	600	15	22-14
2001-1207	154112-1645434			22-14
2001-130 .	154112-1645434	600	15	22-14
2001-1307	154112-1645434			22-14
2001-140 .	154112-1645434	600	15	22-14
2001-1407	154112-1645434			22-14
2002-120 .	154112-1536069	600	20	22-12
2002-1207	154112-1536069			22-12
2002-130 .	154112-1536069	600	20	22-12
2002-1307	154112-1536069			22-12
2002-140 .	154112-1536069	600	20	22-12
2002-1407	154112-1536069			22-12
2004-120 .	154112-1645435	600	30	20-10
2004-1207	154112-1645435			20-10
2004-130 .	154112-1645435	600	30	20-10
2004-1307	154112-1645435			20-10
2004-140 .	154112-1645435	600	30	20-10
2004-1407	154112-1645435			20-10
2006-120 .	154112-1543858	600	50	20-8
2006-1207	154112-1543858			20-8
2006-130 .	154112-1543858	600	50	20-8
2006-1307	154112-1543858			20-8
2010-120 .	154112-1645436	600	65	20-6
2010-1207	154112-1645436			20-6
2010-130 .	154112-1645436	600	65	20-6
2010-1307	154112-1645436			20-6
2016-120 .	154112-1579112	600	85	20-4
2016-1207	154112-1579112			20-4
2016-130 .	154112-1579112	600	85	20-4
2016-1307	154112-1579112			20-4

LR – Lloyd's Register of Shipping Great Britain

Item No.	Approval-No.	Voltage V	Current A	Cross Section AWG/mm²
2002-120 .	91/20112(E3)	800	24	0,5-4
2002-1207	91/20112(E3)			0,5-4
2002-130 .	91/20112(E3)	800	24	0,5-4
2002-1307	91/20112(E3)			0,5-4
2002-140 .	91/20112(E3)	800	24	0,5-4
2002-1407	91/20112(E3)			0,5-4
2006-120 .	91/20112(E3)	800	41	0,5-10
2006-1207	91/20112(E3)			0,5-10
2006-130 .	91/20112(E3)	800	41	0,5-10
2006-1307	91/20112(E3)			0,5-10
2016-120 .	91/20112(E3)	800	76	0,5-25 "f"
2016-1207	91/20112(E3)			0,5-25 "f"
2016-130 .	91/20112(E3)	800	76	0,5-25 "f"
2016-1307	91/20112(E3)			0,5-25 "f"

GL – Germanischer Lloyd Germany

Item No.	Approval-No.	Voltage V	Current A	Cross Section AWG/mm²
2002-120 .	91/20112(E3)	800	24	0,5-4
2002-1207	91/20112(E3)			0,5-4
2002-130 .	91/20112(E3)	800	24	0,5-4
2002-1307	91/20112(E3)			0,5-4
2002-140 .	91/20112(E3)	800	24	0,5-4
2002-1407	91/20112(E3)			0,5-4
2006-120 .	91/20112(E3)	800	41	0,5-10
2006-1207	91/20112(E3)			0,5-10
2006-130 .	91/20112(E3)	800	41	0,5-10
2006-1307	91/20112(E3)			0,5-10
2016-120 .	91/20112(E3)	800	76	0,5-25 "f"
2016-1207	91/20112(E3)			0,5-25 "f"
2016-130 .	91/20112(E3)	800	76	0,5-25 "f"
2016-1307	91/20112(E3)			0,5-25 "f"

DNV – Det Norske Veritas Denmark

Item No.	Approval-No.	Voltage V	Current A	Cross Section AWG/mm²
2002-120 .	E7570	800	24	0,5-4
2002-1207	E7570			0,5-4
2002-130 .	E7570	800	24	0,5-4
2002-1307	E7570			0,5-4
2002-140 .	E7570	800	24	0,5-4
2002-1407	E7570			0,5-4
2006-120 .	E7570	800	41	0,5-10
2006-1207	E7570			0,5-10
2006-130 .	E7570	800	41	0,5-10
2006-1307	E7570			0,5-16
2016-120 .	E7570	800	76	0,5-25 "f"
2016-1207	E7570			0,5-25 "f"
2016-130 .	E7570	800	76	0,5-25 "f"
2016-1307	E7570			0,5-25 "f"

ABS – American Bureau of Shipping USA

Item No.	Approval-No.	Voltage V	Current A	Cross Section AWG/mm²
2001-120 .	05-HG476175/1-PDA	800	18	0,5-2,5
2001-1207	05-HG476175/1-PDA			0,5-2,5
2001-130 .	05-HG476175/1-PDA	800	18	0,5-2,5
2001-1307	05-HG476175/1-PDA			0,5-2,5
2001-140 .	05-HG476175/1-PDA	800	18	0,5-2,5
2001-1407	05-HG476175/1-PDA			0,5-2,5
2002-120 .	05-HG476175/1-PDA	800	24	0,5-4
2002-1207	05-HG476175/1-PDA			0,5-4
2002-130 .	05-HG476175/1-PDA	800	24	0,5-4
2002-1307	05-HG476175/1-PDA			0,5-4
2002-140 .	05-HG476175/1-PDA	800	24	0,5-4
2002-1407	05-HG476175/1-PDA			0,5-4
2004-120 .	05-HG476175/1-PDA	800	32	0,5-6
2004-1207	05-HG476175/1-PDA			0,5-6
2004-130 .	05-HG476175/1-PDA	800	32	0,5-6
2004-1307	05-HG476175/1-PDA			0,5-6
2004-140 .	05-HG476175/1-PDA	800	32	0,5-6
2004-1407	05-HG476175/1-PDA			0,5-6
2006-120 .	05-HG476175/1-PDA	800	41	0,5-16
2006-1207	05-HG476175/1-PDA			0,5-16
2006-130 .	05-HG476175/1-PDA	800	41	0,5-16
2006-1307	05-HG476175/1-PDA			0,5-16
2010-120 .	05-HG476175/1-PDA	800	57	0,5-16
2010-1207	05-HG476175/1-PDA			0,5-16
2010-130 .	05-HG476175/1-PDA	800	57	0,5-16
2010-1307	05-HG476175/1-PDA			0,5-16
2016-120 .	05-HG476175/1-PDA	800	76	0,5-25 "f"
2016-1207	05-HG476175/1-PDA			0,5-25 "f"
2016-130 .	05-HG476175/1-PDA	800	76	0,5-25 "f"
2016-1307	05-HG476175/1-PDA			0,5-25 "f"

CENELEC CERTIFICATION AGREEMENT CCA-NL – N.V. tot Keuring van Elektrotechnische Materialien, Netherlands

According to the CENELEC Certification Agreement, the CCA certificate is recognized in the following European countries:

Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, Netherlands, Austria, Portugal, Finland, Sweden, Great Britain, Czech Republic, Estonia, Cyprus, Latvia, Lithuania, Hungary, Malta, Poland, Slovenia, Slovakia

Item No.	Approval-No.	Voltage V	Current A	Cross Section AWG/mm²
2001-130 .	NL5724	800	18	0,5-2,5
2001-1307	NL5724			0,5-2,5
2001-140 .	NL5724	800	18	0,5-2,5
2001-1407	NL5724			0,5-2,5
2002-120 .	NL5851	800	24	0,2-4
2002-1207	NL5851			0,2-4
2002-130 .	NL5851	800	24	0,2-4
2002-1307	NL5851			0,2-4
2002-140 .	NL5851	800	24	0,2-4
2002-1407	NL5851			0,2-4
2002-22 . .	NL5851	500	24	0,2-4
2002-32 . .	NL5851	500	24	0,2-4
2003-7641	NL5828	250/400	32	0,25-4
2003-7642	NL5828	400	32	0,25-4
2003-7645	NL5828	250/400	32	0,25-4
2003-7646	NL5828	250/400	32	0,25-4
2003-7649	NL5828			0,25-4
2004-120 .	NL5725	800	32	0,5-6
2004-1207	NL5725			0,5-6
2004-130 .	NL5725	800	32	0,5-6
2004-1307	NL5725			0,5-6
2004-140 .	NL5725	800	32	0,5-6
2004-1407	NL5725			0,5-6
2006-120 .	NL5551	800	41	0,5-10
2006-1207	NL5551			0,5-10
2006-130 .	NL5551	800	41	0,5-10
2006-1307	NL5551			0,5-10
2010-120 .	NL5755	800	57	0,5-16
2010-1207	NL5755			0,5-16
2010-130 .	NL5755	800	57	0,5-16
2010-1307	NL5755			0,5-16
2016-120 .	NL5555	800	76	0,5-25 "f"
2016-1207	NL5555			0,5-25 "f"
2016-130 .	NL5555	800	76	0,5-25 "f"
2016-1307	NL5555			0,5-25 "f"

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Item No.	Approval-No.	Voltage V	Current A	Cross Section AWG/mm²
2001-120 .	PTB05Atex1094U with push-in type jumper bar max 17 A	550	16	0,5-2,5
2001-120 .	IECEx PTB05.0034U with push-in type jumper bar max 17 A	550	16	0,5-2,5
2001-1207	PTB05Atex1094U			0,5-2,5
2001-1207	IECExPTB05.0034U			0,5-2,5
2001-130 .	PTB05Atex1094U with push-in type jumper bar 17 A	550	16	0,5-2,5
2001-130 .	IECEx PTB05.0034U with push-in type jumper bar 17 A	550	16	0,5-2,5
2001-1307	PTB05Atex1094U			0,5-2,5
2001-1307	IECExPTB05.0034U			0,5-2,5
2001-140 .	PTB05Atex1094U with push-in type jumper bar 17 A	550	16	0,5-2,5
2001-140 .	IECEx PTB05.0034U with push-in type jumper bar 17 A	550	16	0,5-2,5
2001-1407	PTB05Atex1094U			0,5-2,5
2001-1407	IECExPTB03.0004U			0,5-2,5
2002-120 .	PTB03Atex1162U with push-in type jumper bar 20 A	550	22	0,2-4
2002-120 .	IECEx PTB03.0004U with push-in type jumper bar 20 A	550	22	0,2-4
2002-1207	PTB03Atex1162U			0,2-4
2002-1207	IECExPTB03.0004U			0,2-4
2002-130 .	PTB03Atex1162U with push-in type jumper bar 20 A	550	22	0,2-4
2002-130 .	IECEx PTB03.0004U with push-in type jumper bar 20 A	550	22	0,2-4
2002-1307	PTB03Atex1162U			0,2-4
2002-1307	IECExPTB03.0004U			0,2-4
2002-140 .	PTB03Atex1162U with push-in type jumper bar 20 A	550	22	0,2-4
2002-140 .	IECEx PTB03.0004U with push-in type jumper bar 20 A	550	22	0,2-4
2002-1407	PTB03Atex1162U			0,2-4
2002-1407	IECExPTB03.0004U			0,2-4
2004-120 .	PTB05Atex1095U with push-in type jumper bar 30 A	550	30	0,5-6

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2001-1207	E185892			22-14
2001-130 .	E185892	550	15	22-14
2001-1307	E185892			22-14
2001-140 .	E185892	550	15	22-14
2001-1407	E185892			22-14
2002-120 .	E185892	550	20	22-12
2002-1207	E185892			22-12
2002-130 .	E185892	550	20	22-12
2002-1307	E185892			22-12
2002-140 .	E185892	550	20	22-12
2002-1407	E185892			22-12
2004-120 .	E185892	550	30	20-10
2004-1207	E185892			20-10
2004-130 .	E185892	550	30	20-10
2004-1307	E185892			20-10
2004-140 .	E185892	550	30	20-10
2004-1407	E185892			20-10
2006-120 .	E185892	550	50	20-8
2006-1207	E185892			20-8
2006-130 .	E185892	550	50	20-8
2006-1307	E185892			20-8
2016-120 .	E185892	550	85	20-4
2016-1207	E185892			20-4
2016-130 .	E185892	550	85	20-4
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