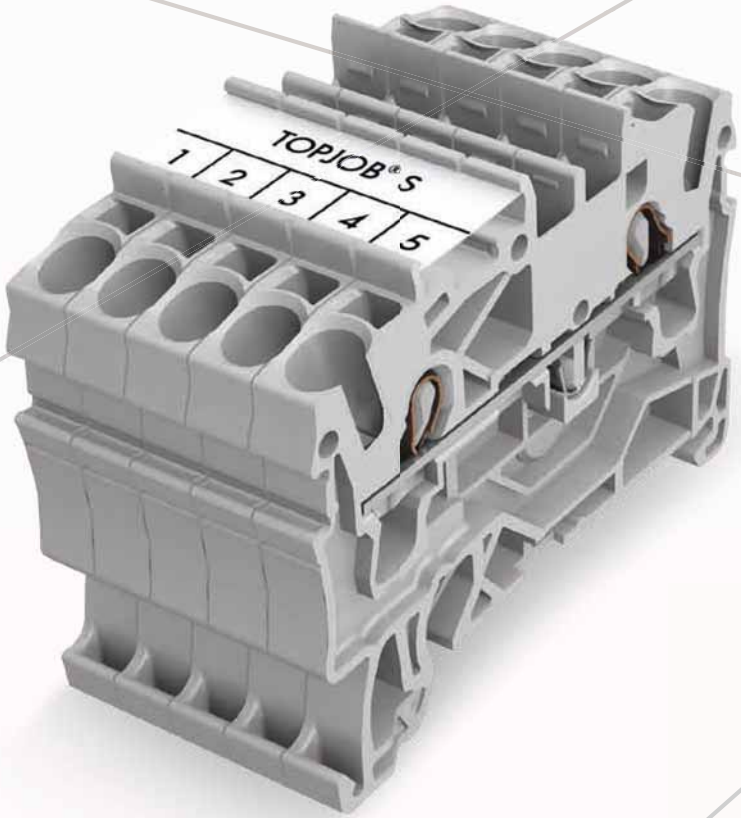
TOPJOB® S Rail-Mounted Terminal Blocks

Edition: 2016



TOPJOB® S – PUSH PERFORMANCE TO THE TOP.

TOPJOB® S RAIL-MOUNTED TERMINAL BLOCKS

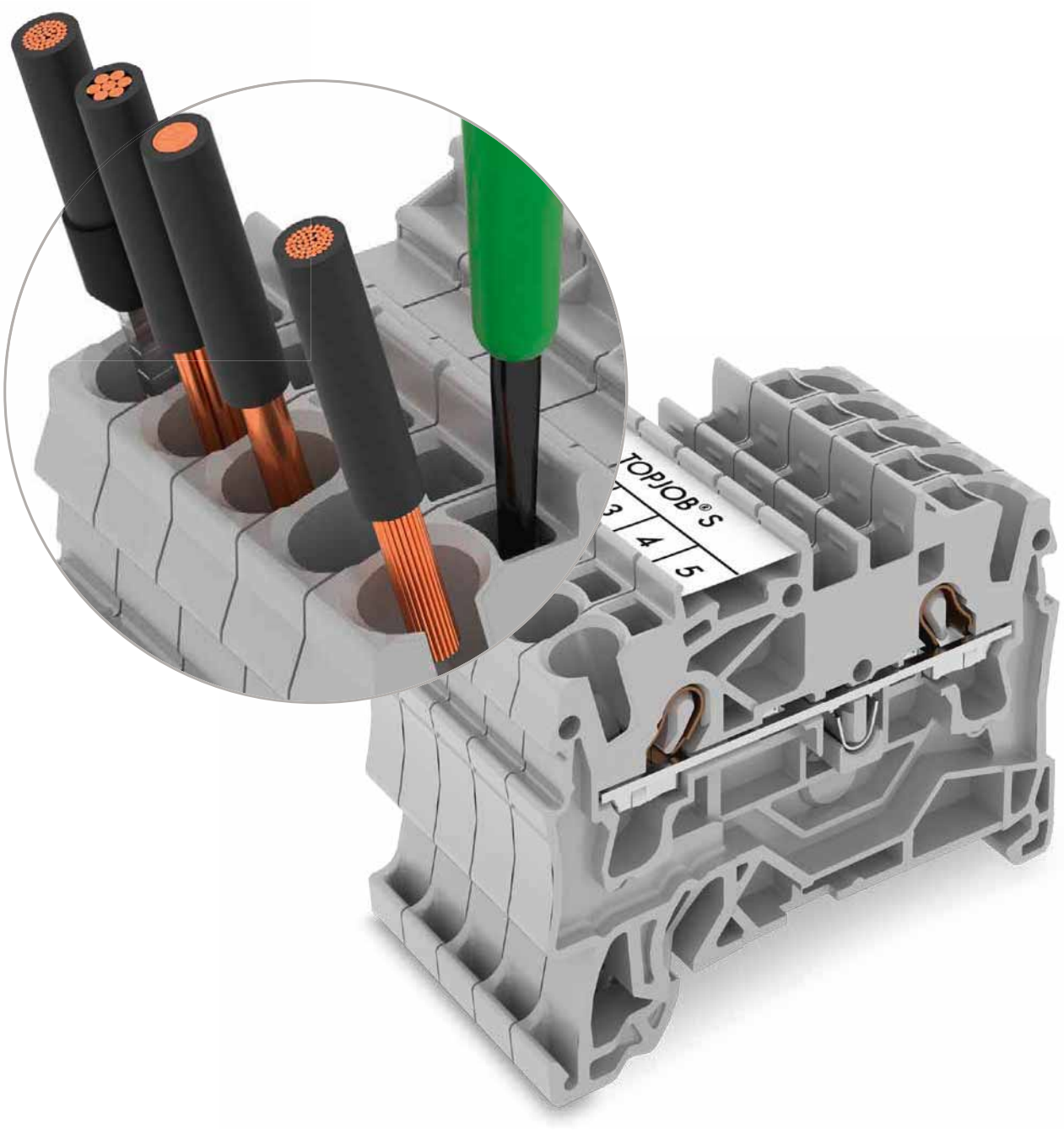
In various industrial applications and modern building installations, rail-mounted terminal blocks are expected to provide more than just reliable electrical connections.

And of course all the time-saving features and industry-leading performance of the TOPJOB® S Rail-Mounted Terminal Blocks are backed by the renowned reliability of Push-in CAGE CLAMP®. This is WAGO's spring pressure connection technology that accommodates all conductor types; what's more, there may be no need to prepare the conductor before termination (depending on conductor type). For example, solid and stranded conductors, as well as fine-stranded conductors with ferrules, are terminated by simply pushing them in. WAGO's Push-in CAGE CLAMP® features industry-leading safety reserves, allowing you to use a single rail-mounted terminal block system anywhere in the world in virtually any type of applications.

TOPJOB® S also offers the advantages of a multifunctional range of jumpers, providing the right solution for any type of application. Additionally, the line is compatible with the fastest marking system to not only help lower costs, but also provide additional safety and reliability through control cabinet labeling that is abundantly clear to prevent wiring errors.

WAGO's TOPJOB® S Rail-Mounted Terminal Block System also features a wide and flexible product line. In addition to single-deck terminal blocks with a large cross-section range to 0.14 mm² to 25 mm² (24–4 AWG), double- and triple-deck terminal blocks as well as function blocks are also available for any type of application: fuse, disconnect, test, electric motor wiring, diode and LED terminal blocks, as well as pluggable terminal blocks. TOPJOB® S Installation Terminal Blocks provide fast and safe installation for building wiring applications.

ONE FITS ALL AND ALL FIT ONE.



FOR ALL CONDUCTOR TYPES

CAGE CLAMP® and Push-in CAGE CLAMP® are universal connection technologies for solid, stranded and fine-stranded conductors that have proven themselves billions of times worldwide.

Push-in CAGE CLAMP® also offers the possibility of connecting solid and stranded conductors, as well as fine-stranded conductors with gas-tight, crimped ferrules by simply pushing them in – no need for tools.

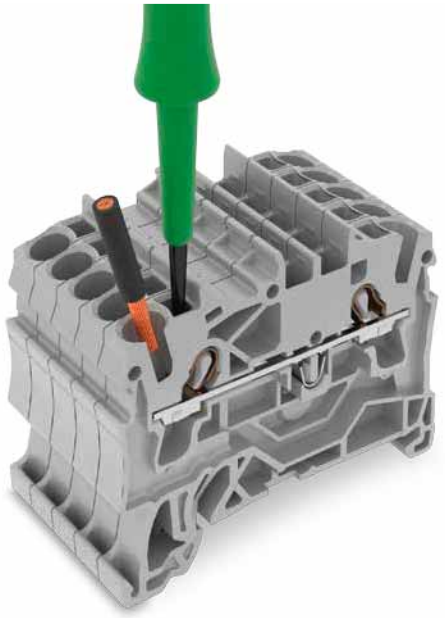
Your Advantages:
- You can terminate conductors ranging from two sizes below the rated cross section up to the rated cross section by simply pushing them in
- Tool-free, fast – cost-effective

The operating tool, which is used for connecting fine-stranded conductors, remains in the operating slot until termination is complete.

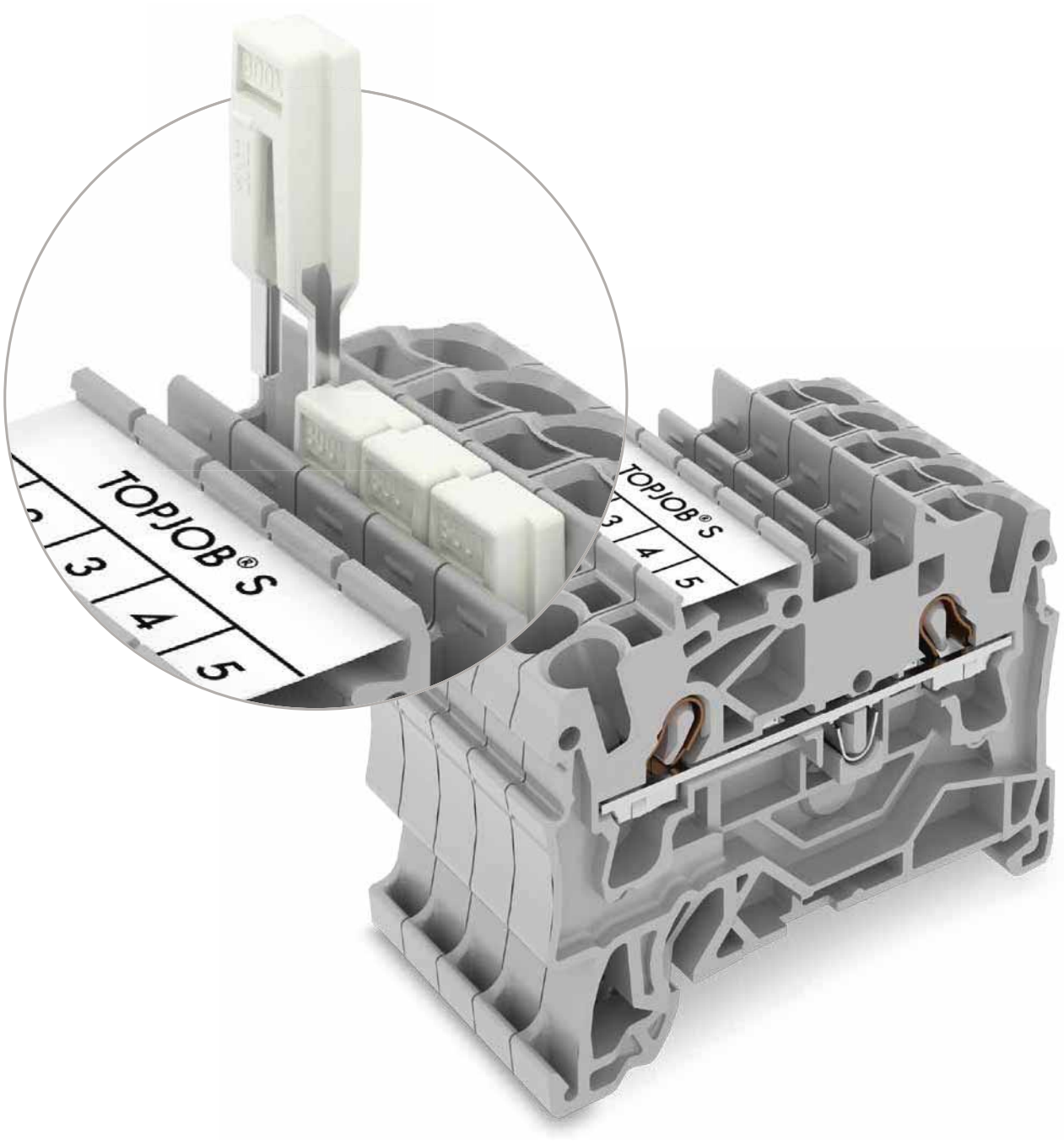
Your Advantages:
- The clamping unit is held open for hands-free wiring
- Because the operating tool identifies which clamping unit is open, wiring is expedited

Push-in termination of solid conductors is the most cost-effective way of connecting conductors. This is also true for fine-stranded conductors with automatically crimped ferrules. However, Push-in CAGE CLAMP® and CAGE CLAMP® do not require ferrules for a reliable connection.

Your Advantages:
- Save both ferrules and crimping



WITH ALL OPTIONS COVERED.



RANGE OF MULTI-FUNCTIONAL JUMPERS

WAGO's line of jumpers is the foundation for the TOPJOB® S Rail-Mounted Terminal Block System's flexibility. And highlighting this is WAGO's adjacent jumper for continuous commoning. This jumper allows you to common a seemingly endless number of terminal blocks in a single jumper slot. For any additional function, or higher number of terminal blocks to be commoned during commissioning, simply add a continuous jumper to the same jumper slot.

Your Advantages:

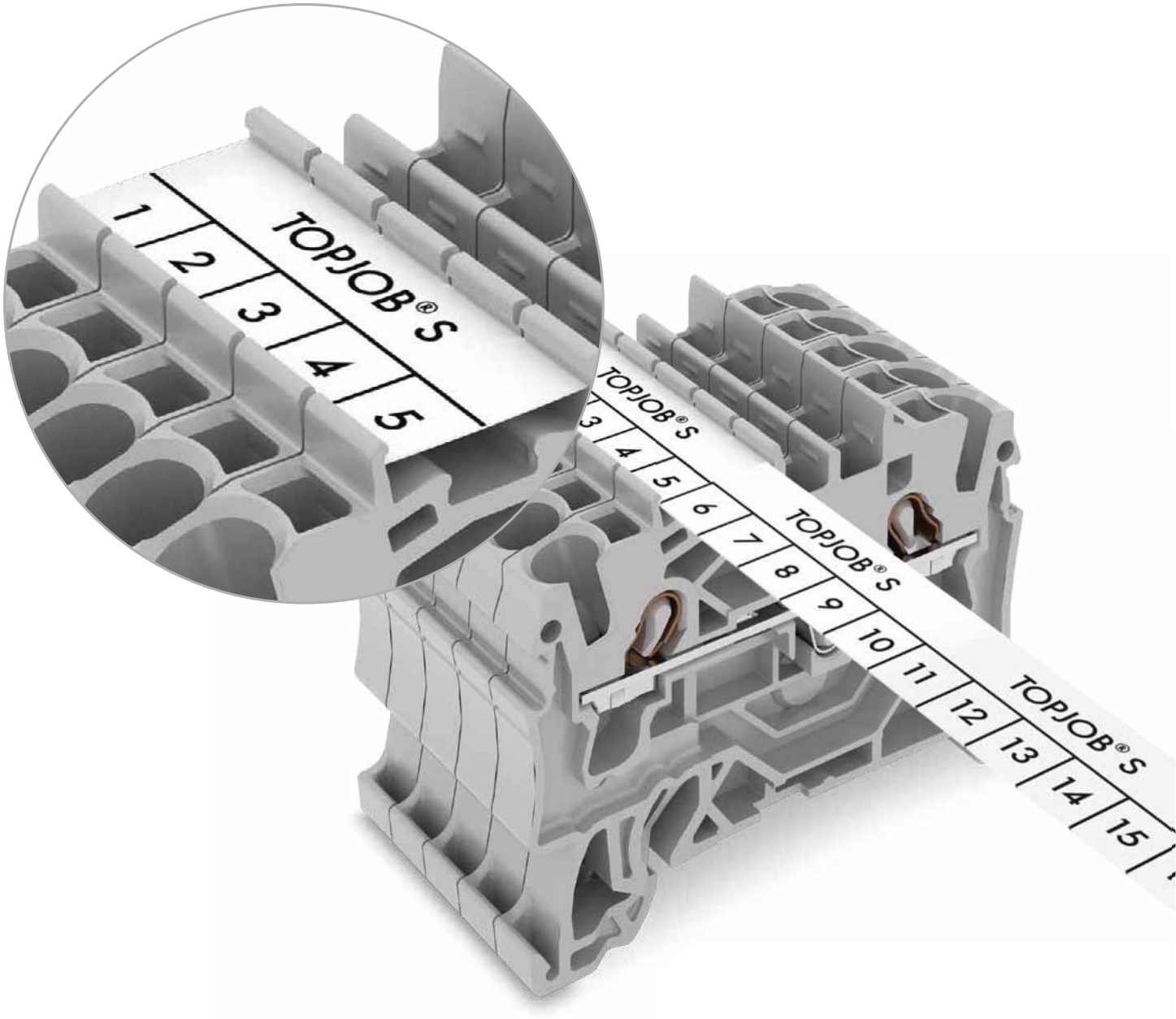
- Minimize storage costs by reducing the number of part numbers stocked
- Flexible and easy to customize – always have the right number of poles in hand

WAGO's jumper line also offers the right solution for all other commoning tasks. For example, delta jumpers are available for delta motor connections. Pluggable vertical jumpers can easily connect all the levels within multilevel terminal blocks. Staggered jumpers allow you to accommodate four potentials along side each other. As an additional variant, push-in type wire jumpers common terminal blocks over longer distances.

Your Advantages:

- Solve complex commoning tasks with simplicity
- Make your commoning applications crystal clear

KEEP YOUR COSTS IN LINE.



THE FASTEST MARKING SYSTEM

Continuous marking strips allow TOPJOB® S Rail-Mounted Terminal Blocks to be marked in the shortest time possible. Multi-line marking simplifies terminal block identification by labeling them according to their functions.

Your Advantages:
- Reduce marking time up to 75 %
- Use one marking strip – not of six different marker cards
- Streamline control cabinet marking

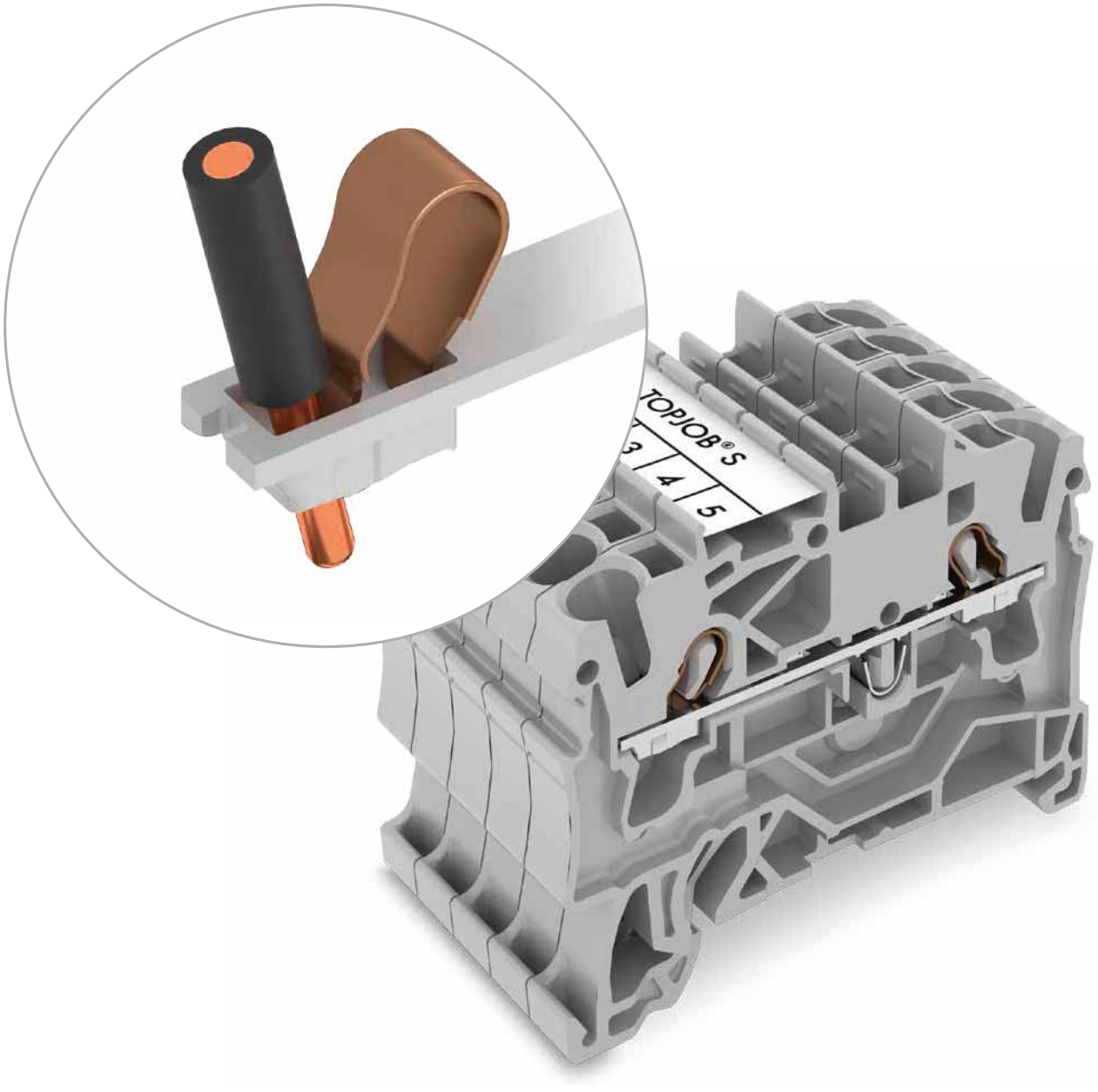
WMB Inline markers on reel allow you to conveniently mark 2002 to 2016 Series terminal blocks with just one marker size.

Your Advantages:
- Only one WMB Inline for your standard applications – only one storage location

The cost-effective ***smart***PRINTER is the first choice for any control cabinet marking application. WAGO's portable printer allows you to professionally print new marking strips on site when making additions or modifications to terminal block assemblies.

Your Advantages:
- Customize your marking in a flexible and cost-effective way
- 75 % lower purchase costs

SAFETY FIRST.



INDUSTRY-LEADING SAFETY RESERVES

All single-deck TOPJOB® S Rail-Mounted Terminal Blocks connect stripped solid, stranded and fine-stranded conductors one size over their rated cross section and can be loaded with the nominal current of these conductors.

Your Advantages:

- Using smaller terminal blocks for larger cross sections and current ratings allows you to save up to 25 % more space and money
- Maximize in-the-field wiring flexibility – (e.g., use a 16 mm²/6 AWG terminal block even if the main connection requires a 25 mm²/4 AWG conductor)

TOPJOB® S Rail-Mounted Terminal Blocks pass shock tests up to 500g and vibration tests up to 20g. Always get a reliable connection that's independent of operator skill.

Your Advantages:

- Maintain functional safety of electrical connections – even under harsh operating conditions, such as those found in tunnel boring machines, rock crushers, railway or marine applications

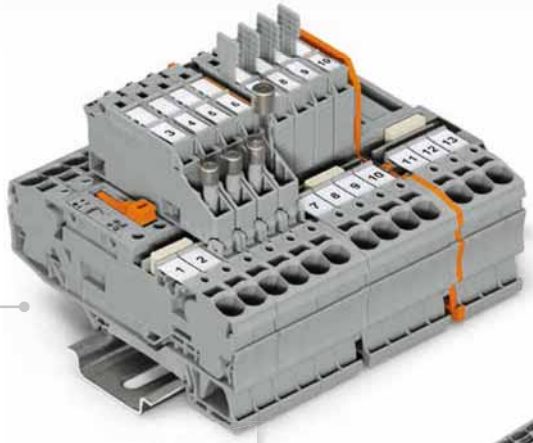
TOPJOB® S
Rail-Mounted Terminal Blocks

TOPJOB® S

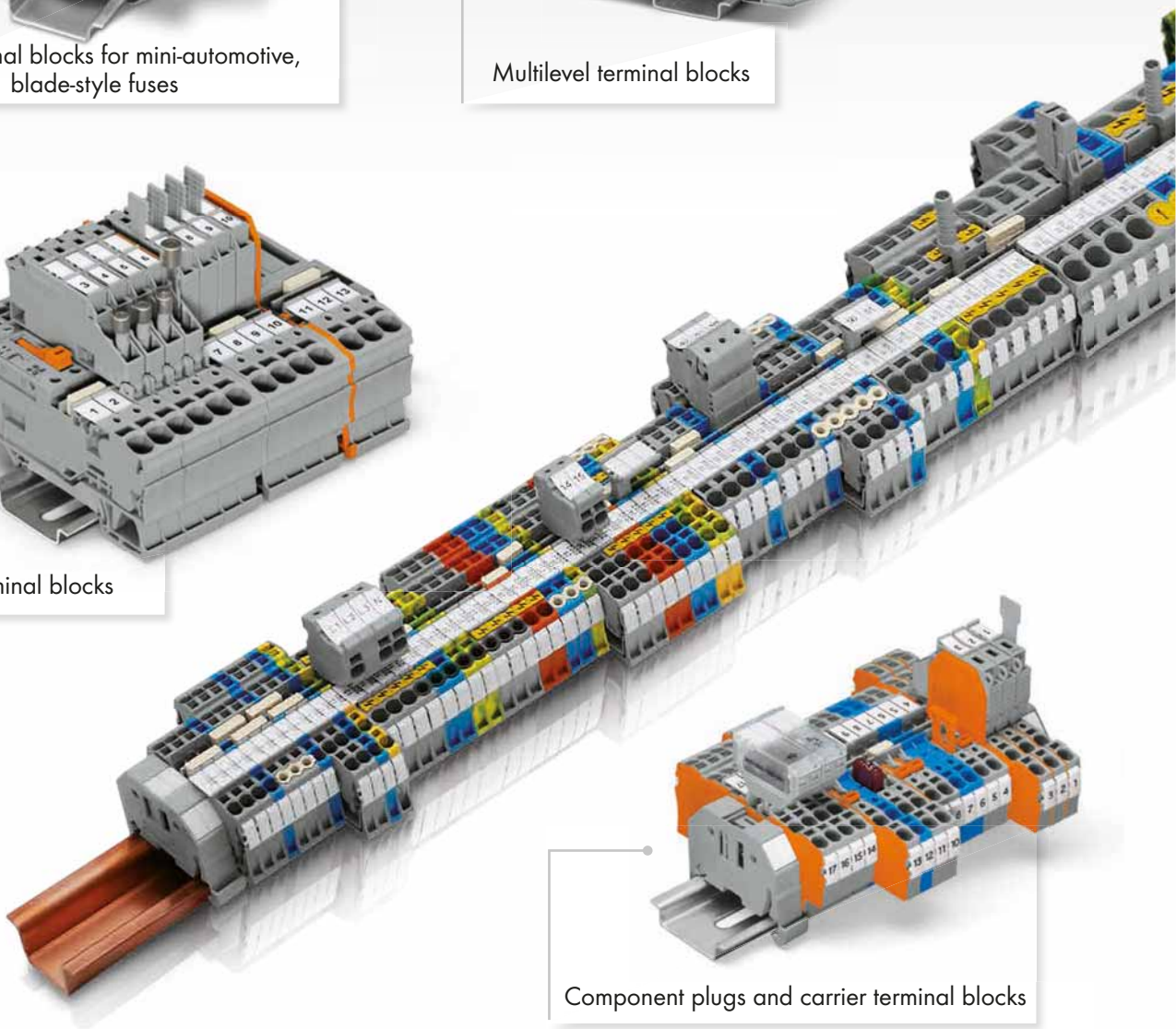
For All Applications from 0.14 mm² ... 185 mm² (24 AWG ... 350 kcmil)!

Fuse terminal blocks for mini-automotive, blade-style fuses

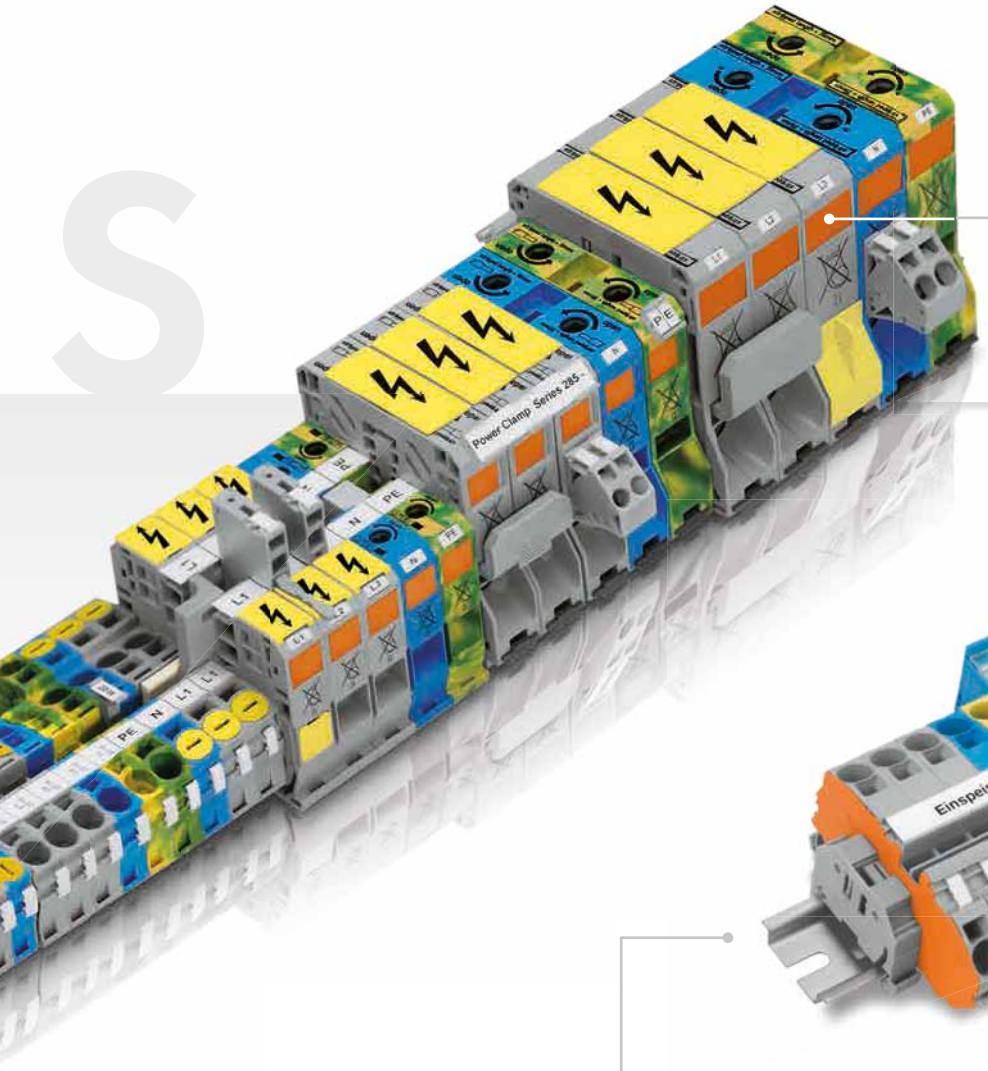
Multilevel terminal blocks



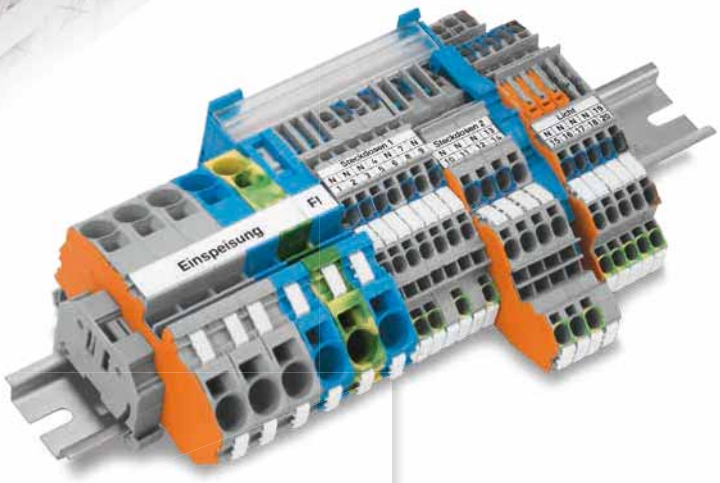
Fuse terminal blocks



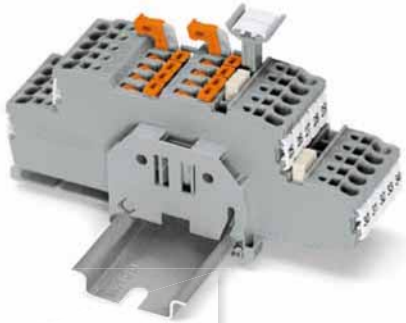
Component plugs and carrier terminal blocks



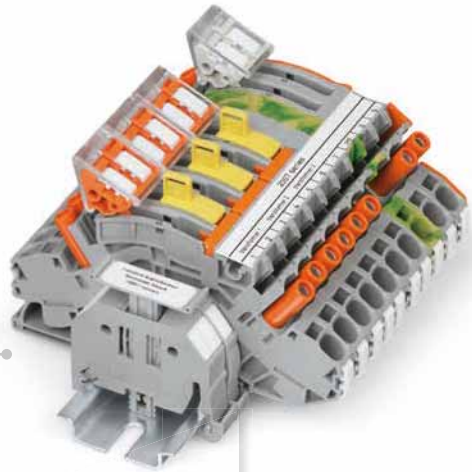
High-current, rail-mounted terminal blocks



Installation terminal blocks



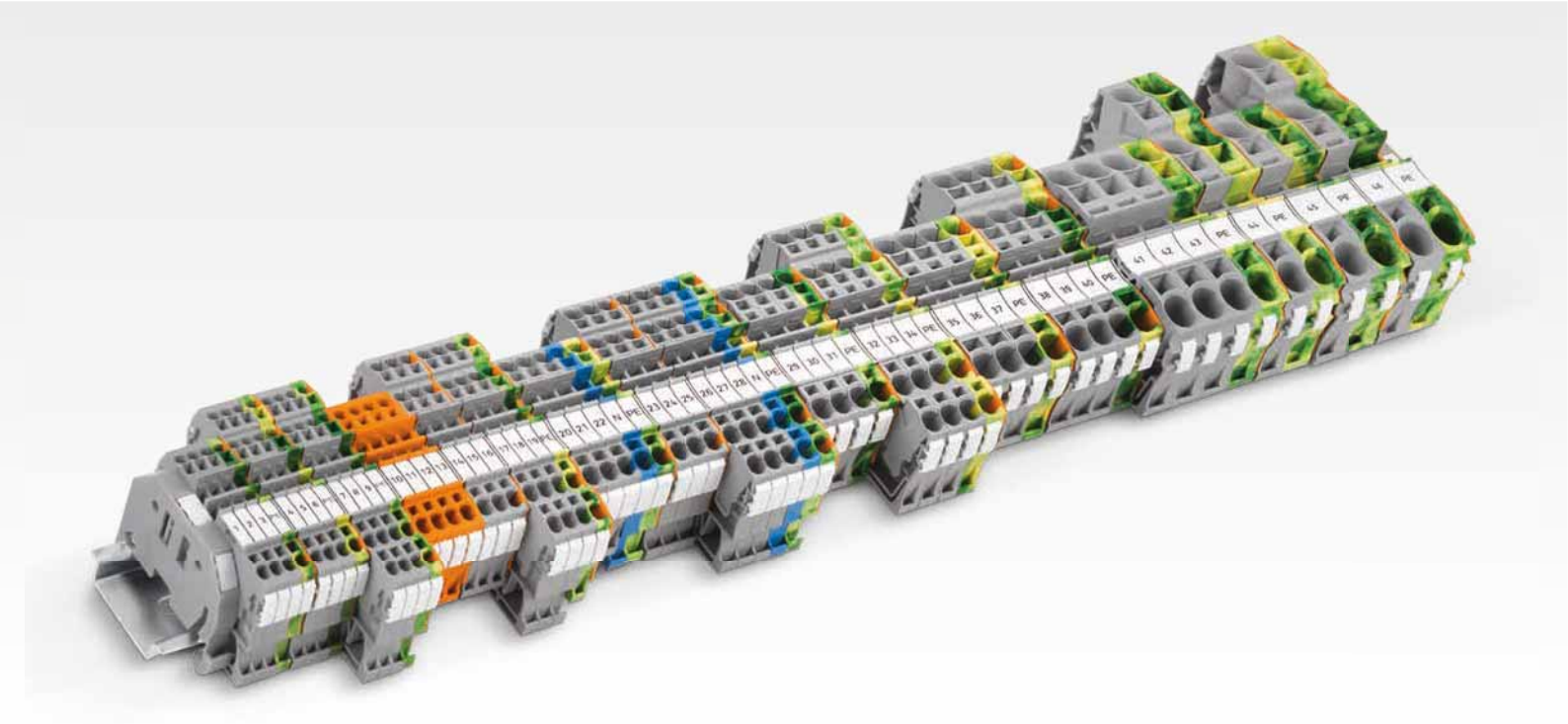
Disconnect terminal blocks



Current transformer terminal blocks

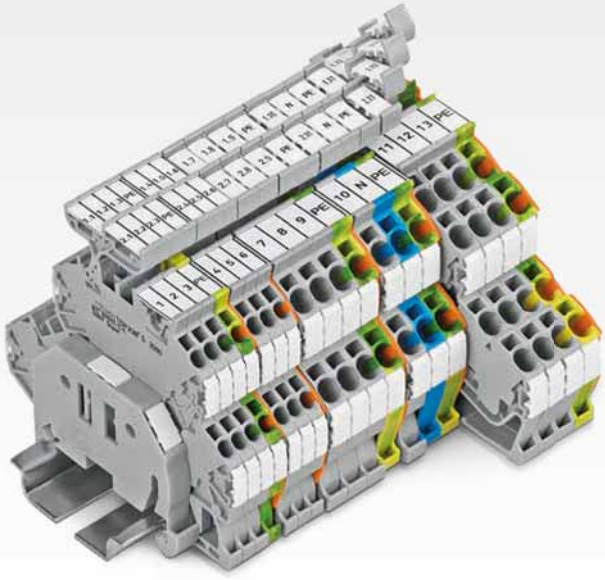
THROUGH TERMINAL BLOCKS

Single-Deck – Double-Deck – Triple-Deck



Single-Deck Terminal Blocks

- Terminate conductors ranging from 0.14 mm² ... 25 mm² (24 ... 4 AWG)
- Provide simple, push-in termination of solid, stranded and ferruled conductors
- Feature centered dual jumper slots that accommodate WAGO's extensive line of jumpers
- Benefit from clear and continuous labeling via a centered marking slot
- Cost-effective use of both marking strips and WMB markers on all TOPJOB® S Through Terminal Blocks



Double-Deck Terminal Blocks

- Save space
- Just 3.5 mm wide to maximize space
- Rated for 800 V nominal voltage
- Pivoting marker carrier clearly identifies each clamping unit – even in the tightest areas
- Pluggable vertical jumper commons both decks at once

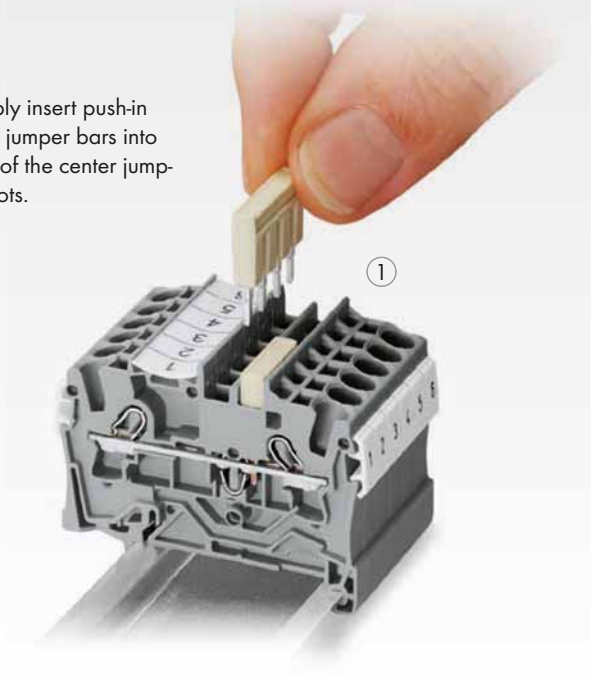
Triple-Deck Terminal Blocks

- Three different potentials on a width of just 5.2 mm
- Pivoting marker carrier clearly identifies each connection point in space-restricted conditions
- Pluggable vertical jumper commons three decks all at once
- Wire an electric motor with four potentials, including a ground conductor, with just a 5.2 mm terminal block

RANGE OF MULTIFUNCTIONAL JUMPERS

For all TOPJOB® S Series

Simply insert push-in type jumper bars into one of the center jumper slots.



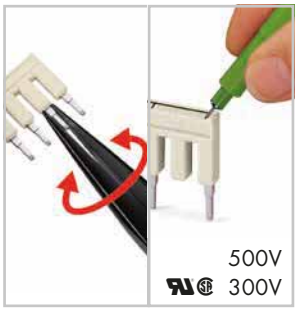
① Push-In Type Jumper Bars

- Simply insert push-in type jumper bars into one of the center jumper slots.
- To remove the push-in type jumper bars, insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.
- Place the operating tool in the center of jumpers with up to five contacts, or alternate between both ends of a jumper with more than five contacts.

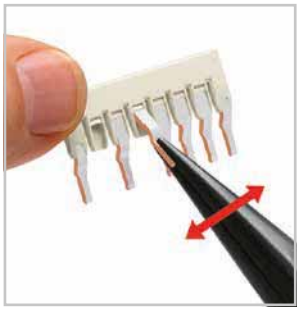
② Staggered Jumpers

- Staggered jumpers allow 2002 and 2003 Series terminal blocks to accommodate two potentials in a single jumper slot along side each other.
- Dual jumper slots allow four different potentials to be simultaneously commoned.
- Make sure that only one contact lug is inserted per contact.
- Insert the staggered jumpers so that the red lines of both jumpers are facing each other.

Standard jumpers offered by WAGO



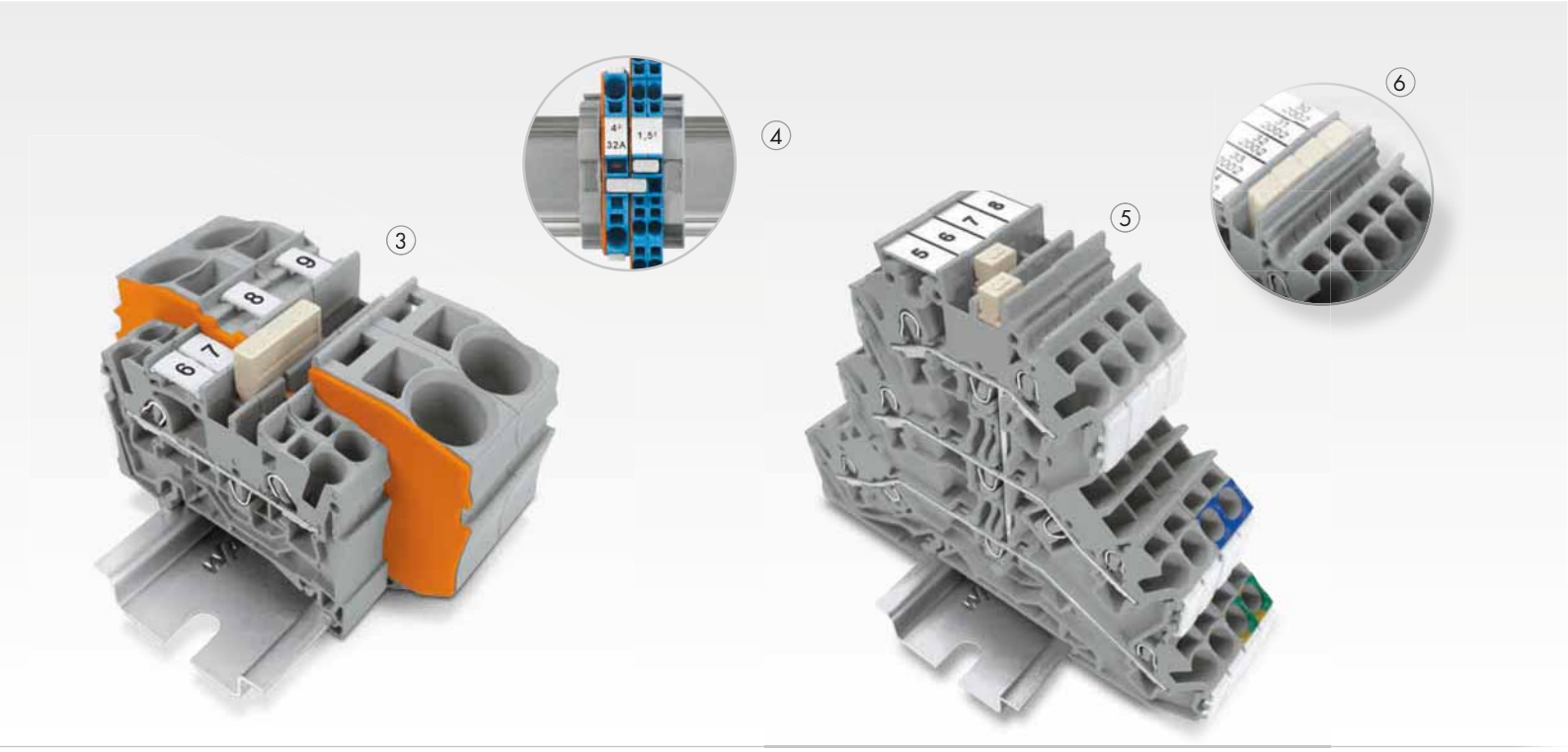
Custom push-in jumpers are created by breaking off jumper contacts (2000, 2001, 2002, 2004 Series).



Custom staggered jumpers are created by breaking off jumper contacts.

Note :

The total current of the outgoing circuits shall not exceed the nominal current of the step-down jumper/push-in type jumper bar.



③ Commoning with Step-Down Jumpers

- 2016-499 Step-Down Jumper commons 16/10 mm² (16/8 AWG) terminal blocks (2016/2010 Series) with 10/6/4/2.5 mm² (8/10/12/14 AWG) terminal blocks (2010/2006/2004/2002 Series)
- 2006-499 Step-Down Jumper commons 6/4 mm² (10/12 AWG) terminal blocks (2006/2004 Series) with 4/2.5/1.5 mm² (AWG 12/14/16) terminal blocks (2004/2002/2001 Series)
- An end plate must be inserted between the terminal blocks for jumpering

④ Commoning with Push-In Type Jumper Bars

- Commoning via open terminal side with end plate allows jumpering over two cross section sizes for 16 mm²/6 AWG(2016 Series) and 10 mm²/AWG 8 (2010 Series); e.g., from 16 mm²/AWG 6 (2016 Series) to 6 mm²/AWG10 (2006 Series) or from 10 mm²/AWG 8 (2010 Series) to 4 mm²/AWG 12 (2004 Series)
- One cross section size can be jumpered over when commoning 6 mm²/4 mm²/2.5 mm² (10/12/14 AWG) terminal blocks (2006/2004/2002 Series): from 6 mm²/10 AWG (2006 Series) to 4 mm²/12 AWG (2004 Series)
- Commoning via closed terminal side with end plate allows jumpering over two cross section sizes; e.g., from 16 mm²/6 AWG (2016 Series) to 6 mm²/10 AWG (2006 Series) or from 6 mm²/10 AWG (2006 Series) to 2.5 mm²/14 AWG (2002 Series)

⑤ Vertical Jumpers

- Created for double- and triple-deck TOPJOB® S Terminal Blocks, the vertical jumpers can common two or three levels

⑥ Adjacent Jumpers – for Continuous Commoning

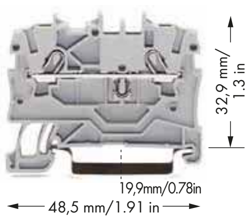
- Any number of 2002 Series Terminal Blocks can be commoned without a push-in type jumper bar (2- to 10-way)
- This jumper is ideal for electric motor wiring or 4-conductor, double-deck terminal blocks that only have one jumper slot. Connection is made by inserting each leg of two adjacent jumpers in a single slot.

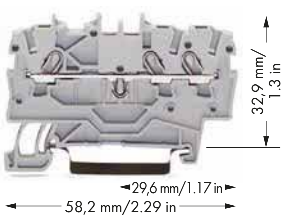
TOPJOB® S
Through/Ground Conductor/Ex and Double-Potential Terminal Blocks 1 (1.5) mm², 2000 Series

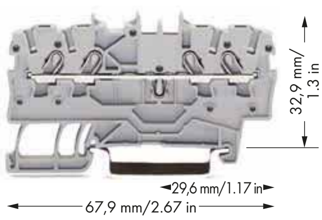
0.14 … 1 (1.5) mm² ❶	AWG 24 … 16	0.14 … 1 (1.5) mm² ❶	AWG 24 … 16
800 V/8 kV/3 ❷	600 V, 10 A UL	800 V/8 kV/3 ❷	600 V, 10 A UL
I_N 13.5 A (18 A)	600 V, 10 A CSA	I_N 13.5 A (18 A)	600 V, 10 A CSA

(Identical data for all three columns.)

Terminal block width 3.5 mm / 0.138 in.
Strip length 9 … 11 mm / 0.39 in. ❸







	Item No.	Pack. Unit
2-conductor through terminal block		
gray Ex	**2000-1201** ❺	100
blue Ex	**2000-1204** ❹ ❺	100
orange Ex	**2000-1202** ❺	100
red Ex	**2000-1203** ❺	100
black Ex	**2000-1205** ❺	100
yellow Ex	**2000-1206** ❺	100
2-conductor ground terminal block		
green-yellow Ex	**2000-1207** ❺	100

	Item No.	Pack. Unit
3-conductor through terminal block		
gray Ex	**2000-1301** ❺	100
blue Ex	**2000-1304** ❹ ❺	100
orange Ex	**2000-1302** ❺	100
red Ex	**2000-1303** ❺	100
black Ex	**2000-1305** ❺	100
yellow Ex	**2000-1306** ❺	100
3-conductor ground terminal block		
green-yellow Ex	**2000-1307** ❺	100

	Item No.	Pack. Unit
4-conductor through terminal block		
gray Ex	**2000-1401** ❺	100
blue Ex	**2000-1404** ❹ ❺	100
orange Ex	**2000-1402** ❺	100
red Ex	**2000-1403** ❺	100
black Ex	**2000-1405** ❺	100
yellow Ex	**2000-1406** ❺	100
4-conductor ground terminal block		
green-yellow Ex	**2000-1407** ❺	100

Item-Specific Accessories

End and intermediate plate, 0.7 mm thick

orange	**2000-1292**	100 (4x25)
gray	**2000-1291**	100 (4x25)

Ex e/Ex i separator, orange, ❻

3 mm thick		
90 mm	**209-190**	50 (2x25)
120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 0.7 mm thick

orange	**2000-1392**	100 (4x25)
gray	**2000-1391**	100 (4x25)

Ex e/Ex i separator, orange, ❻

3 mm thick		
120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 0.7 mm thick

orange	**2000-1492**	100 (4x25)
gray	**2000-1491**	100 (4x25)

Ex e/Ex i separator, orange, ❻

3 mm thick		
120 mm	**209-191**	50 (2x25)

2000 Series Accessories

Appropriate marking systems: WMB/Marking strips

Push-in type jumper bar, insulated, ❻

I_N 14 A, light gray

2-way	**2000-402**	200 (8x25)
3-way	**2000-403**	200 (8x25)
4-way	**2000-404**	200 (8x25)
5-way	**2000-405**	100 (4x25)
6-way	**2000-406**	100 (4x25)
7-way	**2000-407**	100 (4x25)
8-way	**2000-408**	100 (4x25)
9-way	**2000-409**	100 (4x25)
10-way	**2000-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 14 A, light gray

from 1 to 3	**2000-433**	200 (8x25)
from 1 to 4	**2000-434**	200 (8x25)
from 1 to 5	**2000-435**	100 (4x25)
from 1 to 6	**2000-436**	100 (4x25)
from 1 to 7	**2000-437**	100 (4x25)
from 1 to 8	**2000-438**	100 (4x25)
from 1 to 9	**2000-439**	100 (4x25)
from 1 to 10	**2000-440**	100 (4x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

yellow	**2000-115**	100 (4x25)

Delta jumper, insulated, ❻

I_N = I_N terminal block, light gray

1-2 3-4 5-6	**2000-406/020-000**	100 (4x25)

Star point jumper, insulated, ❻

I_N = I_N terminal block, light gray

1-3-5	**2000-405/011-000**	100 (4x25)

Push-in type wire jumper, ❻

insulated, I_N 16 A, wire size 1.5 mm²

L = 60 mm	**2009-402**	100 (10x10)
L = 110 mm	**2009-404**	100 (10x10)
L = 250 mm	**2009-406**	100 (10x10)

Test plug adapter,

for 4 mm Ø test plug

gray	**2009-174**	100 (4x25)

Banana plug,

for socket 4 mm Ø, color mixed

	215-111	50

Testing tap,

for max. 2.5 mm²

gray	**2009-182**	100 (4x25)

Test plug,

with 500 mm cable, 2 mm Ø

red	**210-136**	50

Test plug,

with 500 mm cable, 2.3 mm Ø

yellow	**210-137**	50

Marking strip, plain,

11 mm wide, 50 m roll

white	**2009-110**	1

WMB Multi marking system,

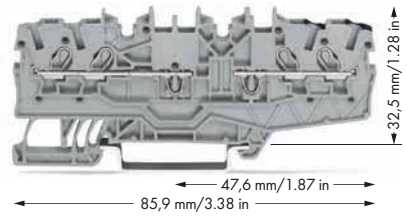
10 strips with 10 markers per card, for 3.5 mm terminal block width

plain	**793-3501**	5

Approvals see www.wago.com

0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16
800 V/8 kV/3 ❷
I_N 13.5 A (18 A)

Terminal block width 3.5 mm / 0.138 in.
9 … 11 mm / 0.39 in. ❸



❶ Conductor sizes: 0.14 mm² … 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² … 1.5 mm² "s" and 0.5 mm² … 0.75 mm² "insulated ferrule, 10 mm"

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications

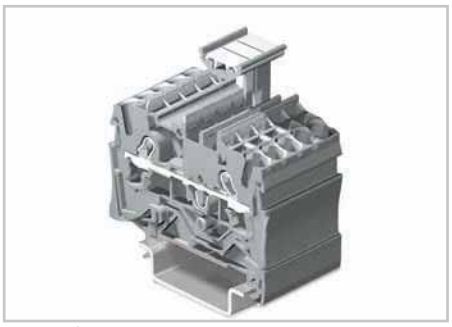
❺ Suitable for Ex e II applications
550 V, 13 A
Jumper 12 A
(see Full Line Catalog, Volume 1, Section 14)

❻ See application notes for:
Ex e/Ex i separator plate, page 27
Colored push-in type jumper bars, page 163
Star point jumper, page 165
Delta jumper, page 165
Push-in type wire jumper, page 164

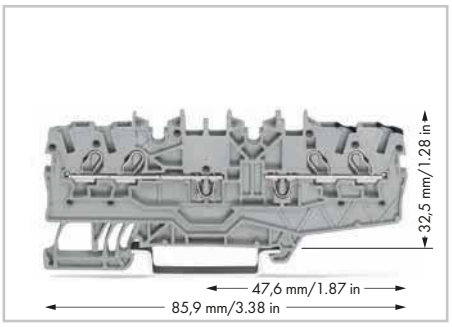
	Item No.	Pack. Unit
Double-potential terminal block, both potentials can be commoned		
gray	**2000-2141**	50

Item-Specific Accessories

End and intermediate plate, 0.7 mm thick			
	orange	**2000-2196**	100 (4x25)
	gray	**2000-2195**	100 (4x25)

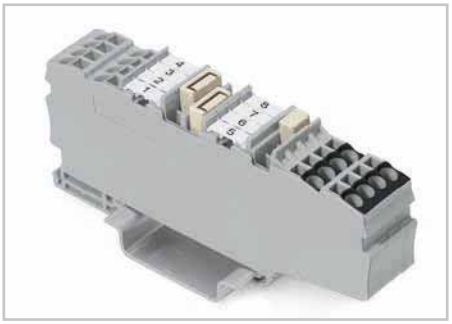


TOPJOB® S group marker carrier
equipped with WMB Multi marking system.
Suitable for all 2000 … 2016 Series TOPJOB® S rail-mounted terminal blocks
Do not use on an end plate!



Double-potential terminal blocks are space savers. Two independent feedthrough circuits are placed in one insulated housing on one level in just 3.5 mm. This achieves a width of just 1.75 mm/0.069 in. versus standard through terminal blocks.
Input and output contacts of one circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

Standard and quick marking options:
Three marker slots are available for both individual markers and marking strips.



Standard and fast marking options:
Four marker slots (double-potential terminal blocks) are available for both individual markers and marking strips

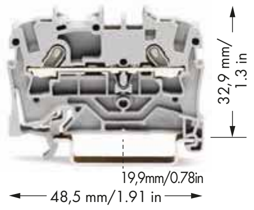
TOPJOB® S
Through/Ground Conductor/Shield and Ex Terminal Blocks 1.5 (2.5) mm²
2001 Series

0.25 ... 1.5 (2.5) mm² ❶	AWG 22 ... 14
800 V/8 kV/3 ❷	600 V, 15 A UR
I_N 18 A (24 A)	600 V, 15 A CSA

Terminal block width 4.2 mm / 0.165 in.
Strip length 9 ... 11 mm / 0.39 in. ❸

(The same specifications are printed at the top of all three columns.)

2-conductor terminal blocks

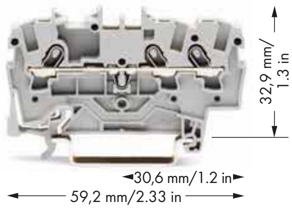


	Item No.	Pack. Unit
2-conductor through terminal block		
gray Ex	**2001-1201** ❺	100
blue Ex	**2001-1204** ❹ ❺	100
orange Ex	**2001-1202** ❺	100
red Ex	**2001-1203** ❺	100
black Ex	**2001-1205** ❺	100
yellow Ex	**2001-1206** ❺	100
2-conductor ground terminal block		
green-yellow Ex	**2001-1207** ❺	100
Other terminal blocks with the same profile:		
Diode	**2001-1211/1000-411**	Page 92

Item-Specific Accessories

		Item No.	Pack. Unit
End and intermediate plate, 0.8 mm thick			
	orange	**2002-1292**	100 (4x25)
	gray	**2002-1291**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2002-1294**	100 (4x25)
	gray	**2002-1293**	100 (4x25)
Ex e/Ex i separator, orange,			
❻ 	3 mm thick		
	90 mm	**209-190**	50 (2x25)
	120 mm	**209-191**	50 (2x25)

3-conductor terminal blocks

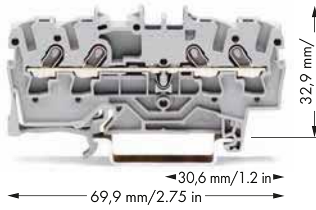


	Item No.	Pack. Unit
3-conductor through terminal block		
gray Ex	**2001-1301** ❺	100
blue Ex	**2001-1304** ❹ ❺	100
orange Ex	**2001-1302** ❺	100
red Ex	**2001-1303** ❺	100
black Ex	**2001-1305** ❺	100
yellow Ex	**2001-1306** ❺	100
3-conductor ground terminal block		
green-yellow Ex	**2001-1307** ❺	100
Other terminal blocks with the same profile:		
Diode	**2001-1311/1000-411**	Page 92
LED	**2001-1321/1000-434**	Page 92

Item-Specific Accessories

		Item No.	Pack. Unit
End and intermediate plate, 0.8 mm thick			
	orange	**2002-1392**	100 (4x25)
	gray	**2002-1391**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2002-1394**	100 (4x25)
	gray	**2002-1393**	100 (4x25)
Ex e/Ex i separator, orange,			
❻ 	3 mm thick		
	120 mm	**209-191**	50 (2x25)

4-conductor terminal blocks



	Item No.	Pack. Unit
4-conductor through terminal block		
gray Ex	**2001-1401** ❺	100
blue Ex	**2001-1404** ❹ ❺	100
orange Ex	**2001-1402** ❺	100
red Ex	**2001-1403** ❺	100
black Ex	**2001-1405** ❺	100
yellow Ex	**2001-1406** ❺	100
4-conductor ground terminal block		
green-yellow Ex	**2001-1407** ❺	100
4-conductor shield terminal block		
white	**2001-1408**	100
Other terminal blocks with the same profile:		
Diode	**2001-1411/1000-411**	Page 92
LED	**2001-1421/1000-434**	Page 92
Double-potential	**2001-1441**	Page 21

Item-Specific Accessories

		Item No.	Pack. Unit
End and intermediate plate, 0.8 mm thick			
	orange	**2002-1492**	100 (4x25)
	gray	**2002-1491**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2002-1494**	100 (4x25)
	gray	**2002-1493**	100 (4x25)
Ex e/Ex i separator, orange,			
❻ 	3 mm thick		
	120 mm	**209-191**	50 (2x25)

2001 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

		Item No.	Pack. Unit
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2001-171**	200 (8x25)
Step-down jumper, insulated,			
❻ 	I_N 32 A		
	light gray	**2006-499**	50 (2x25)
Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**2001-115**	100 (4x25)

		Item No.	Pack. Unit
Push-in type jumper bar, insulated,			
	I_N 18 A,		
	light gray		
	2-way	**2001-402**	200 (8x25)
	3-way	**2001-403**	200 (8x25)
	4-way	**2001-404**	200 (8x25)
	5-way	**2001-405**	100 (4x25)
	6-way	**2001-406**	100 (4x25)
	7-way	**2001-407**	100 (4x25)
	8-way	**2001-408**	100 (4x25)
	9-way	**2001-409**	100 (4x25)
	10-way	**2001-410**	100 (4x25)

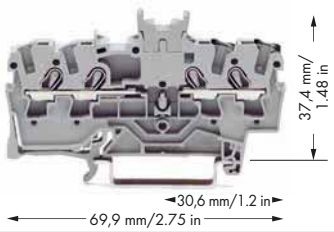
		Item No.	Pack. Unit
Push-in type jumper bar, insulated,			
	I_N 18 A,		
	light gray		
	from 1 to 3	**2001-433**	200 (8x25)
	from 1 to 4	**2001-434**	200 (8x25)
	from 1 to 5	**2001-435**	100 (4x25)
	from 1 to 6	**2001-436**	100 (4x25)
	from 1 to 7	**2001-437**	100 (4x25)
	from 1 to 8	**2001-438**	100 (4x25)
	from 1 to 9	**2001-439**	100 (4x25)
	from 1 to 10	**2001-440**	100 (4x25)

Approvals see www.wago.com

Double-Potential Terminal Blocks 1.5 (2.5) mm²
2001 Series

PUSH-IN CAGE CLAMP®

1. Conductor sizes: 0.25 mm² ... 2.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² ... 2.5 mm² "s" and 0.75 mm² ... 1.5 mm² "insulated ferrule, 12 mm"
2. 800 V = rated voltage
   8 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Strip length, see packaging or instructions.
4. Suitable for Ex i applications
5. Suitable for Ex e II applications
   550 V, 17 A
   Jumper 16 A
   (see Full Line Catalog, Volume 1, Section 14)
6. See application notes for:
   Ex e/Ex i separator plate, page 27
   Step-down jumper, page 28
   Star point jumper, page 165
   Delta jumper, page 165
   Push-in type wire jumper, page 164
   TOPJOB® S connector, page 158



Double-potential terminal block with double marker slot centered on terminal block
gray 2001-1441
Packing unit: 100 pcs

Notice: This double-potential terminal block cannot be commoned with push-in type jumper bars!

Double-potential terminal blocks are space savers. Two independent feedthrough circuits are placed in one insulated housing on one level in just 4.2 mm. This achieves a width of just 2.1 mm/0.083 in. versus standard through terminal blocks.
Input and output contacts of one circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

For technical data and accessories, see www.wagocatalog.com

2001 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

Delta jumper, insulated, 6

$I_N = I_N$ terminal block, light gray
1-2 3-4 5-6 **2001-406/020-000** 100 (4x25)

Star point jumper, insulated, 6

$I_N = I_N$ terminal block, light gray
1-3-5 **2001-405/011-000** 100 (4x25)

Push-in type wire jumper, 6

insulated,
I_N 16 A,
wire size 1.5 mm²
L = 60 mm **2009-412** 100 (10x10)
L = 110 mm **2009-414** 100 (10x10)
L = 250 mm **2009-416** 100 (10x10)

Modular TOPJOB® S connector, 6

can be snapped together,
for jumper contact slot
gray **2001-511** 100 (4x25)

Spacer module, can be snapped together,

e.g., for bridging commoned terminal blocks
gray **2001-549** 100 (4x25)

End plate,

for modular TOPJOB® S connectors,
1.5 mm thick
gray **2002-541** 100 (4x25)

Test plug adapter,

for 4 mm Ø test plug
gray **2009-174** 100 (4x25)

Banana plug,

for socket 4 mm Ø,
color mixed
215-111 50

Testing tap,

for max. 2.5 mm²
gray **2009-182** 100 (4x25)

Test plug,

with 500 mm cable,
2 mm Ø
red **210-136** 50

Test plug,

with 500 mm cable,
2.3 mm Ø
yellow **210-137** 50

WMB Inline, plain,

stretchable 4 ... 4.2 mm,
2,000 WMB markers, 4 mm, on roll
white **2009-114** 1

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 4 ... 4.2 mm
plain **793-4501** 5

WMB Multi marking system, plain,

10 strips with 10 markers per card,
stretchable 4 ... 4.2 mm
yellow **793-4501/000-002**
red **793-4501/000-005**
blue **793-4501/000-006**
gray **793-4501/000-007**
orange **793-4501/000-012**
light green **793-4501/000-017**
green **793-4501/000-023**
violet **793-4501/000-024**
5

Marking strip, plain,

11 mm wide,
50 m roll
white **2009-110** 1

Screwless end stop,

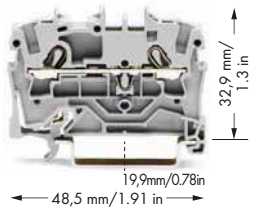
for DIN 35 rail,
6 mm wide
gray **249-116** 100 (4x25)

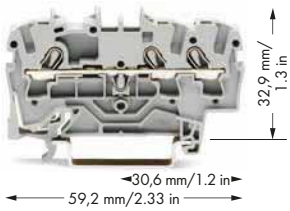
Screwless end stop,

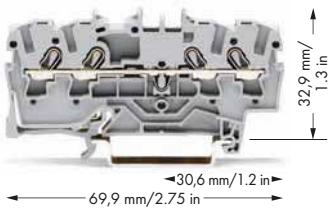
for DIN 35 rail,
10 mm wide
gray **249-117** 50 (2x25)

TOPJOB® S
Through/Ground Conductor/Shield and Ex Terminal Blocks 2.5 (4) mm²
2002 Series

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12	0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12	0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
800 V/8 kV/3 ❷	600 V, 20 A	800 V/8 kV/3 ❷	600 V, 20 A	800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A)	600 V, 20 A	I_N 24 A (32 A)	600 V, 20 A	I_N 24 A (32 A)	600 V, 20 A
Terminal block width 5.2 mm / 0.205 in.		Terminal block width 5.2 mm / 0.205 in.		Terminal block width 5.2 mm / 0.205 in.	
10 ... 12 mm / 0.43 in. ❸		10 ... 12 mm / 0.43 in. ❸		10 ... 12 mm / 0.43 in. ❸	







Item No.		Pack. Unit
2-conductor through terminal block		
gray	**2002-1201** ❺	100
blue	**2002-1204** ❹ ❺	100
orange	**2002-1202** ❺	100
red	**2002-1203** ❺	100
black	**2002-1205** ❺	100
yellow	**2002-1206** ❺	100
2-conductor ground terminal block		
green-yellow	**2002-1207** ❺	100
2-conductor shield terminal block		
white	**2002-1208**	100
Other terminal blocks with the same profile:		
Diode	**2002-1211/1000-411** Page 94	

Item No.		Pack. Unit
3-conductor through terminal block		
gray	**2002-1301** ❺	100
blue	**2002-1304** ❹ ❺	100
orange	**2002-1302** ❺	100
red	**2002-1303** ❺	100
black	**2002-1305** ❺	100
yellow	**2002-1306** ❺	100
3-conductor ground terminal block		
green-yellow	**2002-1307** ❺	100
3-conductor shield terminal block		
white	**2002-1308**	100
Other terminal blocks with the same profile:		
Diode	**2002-1311/1000-411** Page 94	
LED	**2002-1321/1000-434** Page 94	

Item No.		Pack. Unit
4-conductor through terminal block		
gray	**2002-1401** ❺	100
blue	**2002-1404** ❹ ❺	100
orange	**2002-1402** ❺	100
red	**2002-1403** ❺	100
black	**2002-1405** ❺	100
yellow	**2002-1406** ❺	100
4-conductor ground terminal block		
green-yellow	**2002-1407** ❺	100
4-conductor shield terminal block		
white	**2002-1408**	100
Other terminal blocks with the same profile:		
Diode	**2002-1411/1000-411** Page 94	
LED	**2002-1421/1000-434** Page 94	
Double-potential	**2002-1441** Page 23	

Item-Specific Accessories

End and intermediate plate, 0.8 mm thick

orange	**2002-1292**	100 (4x25)
gray	**2002-1291**	100 (4x25)

Separator, oversized, 2 mm thick

orange	**2002-1294**	100 (4x25)
gray	**2002-1293**	100 (4x25)

Ex e/Ex i separator, orange, ❻

3 mm thick		
90 mm	**209-190**	50 (2x25)
120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 0.8 mm thick

orange	**2002-1392**	100 (4x25)
gray	**2002-1391**	100 (4x25)

Separator, oversized, 2 mm thick

orange	**2002-1394**	100 (4x25)
gray	**2002-1393**	100 (4x25)

Ex e/Ex i separator, orange, ❻

3 mm thick		
120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 0.8 mm thick

orange	**2002-1492**	100 (4x25)
gray	**2002-1491**	100 (4x25)

Separator, oversized, 2 mm thick

orange	**2002-1494**	100 (4x25)
gray	**2002-1493**	100 (4x25)

Ex e/Ex i separator, orange, ❻

3 mm thick		
120 mm	**209-191**	50 (2x25)

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop,

5 pcs/strip,		
0.25 ... 0.5 mm²		
light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip,		
0.75 ... 1 mm²		
dark gray	**2002-172**	200 (8x25)

Protective warning marker,

with high-voltage symbol, black,		
for 5 terminal blocks		
yellow	**2002-115**	100 (4x25)

Push-in type jumper bar, insulated, ❻

I_N 25 A,		
light gray		
2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated,

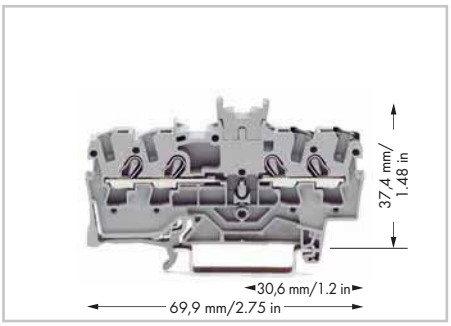
I_N 25 A,		
light gray		
from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Approvals see www.wago.com

Double-Potential Terminal Blocks 2.5 (4) mm²
2002 Series
Accessories for Rail-Mounted Terminal Blocks

PUSH-IN CAGE CLAMP®

1. Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"
2. 800 V = rated voltage
   8 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Strip length, see packaging or instructions.
4. Suitable for Ex i applications
5. Suitable for Ex e II applications
   550 V, 22 A
   Jumper 20 A
   (see Full Line Catalog, Volume 1, Section 14)
6. See application notes for:
   Ex e/Ex i separator plate, page 27
   Colored push-in type jumper bars, page 163
   Staggered jumper, page 166
   Delta jumper, page 165
   Star point jumper, page 165
   Step-down jumper, page 28
   Adjacent jumper for continuous commoning, page 163
   Push-in type wire jumper, page 164
   TOPJOB® S connector, page 158
   TOPJOB® S L-type test plug module, page 162
   Marker carrier, page 179



Double-potential terminal block with double marker slot centered on terminal block
gray 2002-1441
Packing unit: 100 pcs

Notice: This double-potential terminal block cannot be commoned with push-in type jumper bars!

Double-potential terminal blocks are space savers. Two independent feedthrough circuits are placed in one insulated housing on one level in just 5.2 mm. This achieves a width of just 2.6 mm/0.103 in. versus standard through terminal blocks.
Input and output contacts of one circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

For technical data and accessories, see www.wagocatalog.com

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

Staggered jumper, 6
insulated, I_N 25 A, light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Customized staggered jumper,
insulated, I_N 25 A, light gray

1-3	**2002-473/011-000**	100 (4x25)
1-3-5	**2002-475/011-000**	
1-3-5-7	**2002-477/011-000**	
1-3-5-7-9	**2002-479/011-000**	
1-3-5-7-9-11	**2002-481/011-000**	50 (2x25)

Delta jumper, insulated, 6
I_N = I_N terminal block, light gray

1-2 3-4 5-6	**2002-406/020-000**	100 (4x25)

Star point jumper, insulated, 6
I_N = I_N terminal block, light gray

1-3-5	**2002-405/011-000**	100 (4x25)

Step-down jumper, insulated, 6
I_N 32 A, light gray **2006-499** 50 (2x25)

Adjacent jumper for continuous commoning, insulated, 6
I_N 25 A, light gray
2-way **2002-400** 100 (4x25)

WMB Inline, plain,
stretchable 5 ... 5.2 mm, 1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

Push-in type wire jumper, 6
insulated, I_N 18 A, wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Modular TOPJOB® S connector, 6
can be snapped together, for jumper contact slot
gray **2002-511** 100 (4x25)

Spacer module, can be snapped together,
e.g., for bridging commoned terminal blocks
gray **2002-549** 100 (4x25)

End plate,
for modular TOPJOB® S connectors, 1.5 mm thick
gray **2002-541** 100 (4x25)

Test plug adapter,
for 4 mm Ø test plug
gray **2009-174** 100 (4x25)

Testing tap,
for max. 2.5 mm²
gray **2009-182** 100 (4x25)

TOPJOB® S L-test plug module, 6
can be snapped together
gray **2002-611** 100 (4x25)

TOPJOB® S L-type spacer module, can be snapped together,e.g., for bridging commoned terminal blocks
gray **2002-649** 100 (4x25)

End plate, for modular TOPJOB® S test plugs, 1.5 mm thick
gray **2002-641** 100 (4x25)

Marker carrier, 6
for jumper slots 2002 Series, 5 mm wide
gray **2002-161** 100 (4x25)

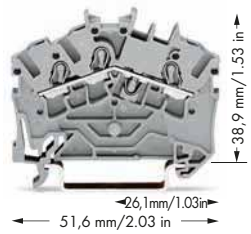
WMB Multi marking system,
10 strips with 10 markers per card, stretchable 5 ... 5.2 mm
plain **793-5501** 5

TOPJOB® S
Through/Ground Conductor/Shield and Ex Terminal Blocks
2.5 (4) mm², 2002 Series

PUSH-IN CAGE CLAMP®

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A)	600 V, 20 A

Terminal block width 5.2 mm / 0.205 in.
10 ... 12 mm / 0.43 in. ❸



❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 22 A
Jumper 20 A
(see Full Line Catalog, Volume 1, Section 14)

❻ See application notes for:
Ex e/Ex i separator plate, page 27
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Delta jumper, page 165
Star point jumper, page 165
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164
TOPJOB® S connector, page 158
TOPJOB® S L-type test plug module, page 162
Marker carrier, page 179

Item No.		Pack. Unit
3-conductor through terminal block		
gray	**2002-6301** ❺	100
blue	**2002-6304** ❹ ❺	100
orange	**2002-6302** ❺	100
red	**2002-6303** ❺	100
black	**2002-6305** ❺	100
yellow	**2002-6306** ❺	100
3-conductor ground terminal block		
green-yellow	**2002-6307** ❺	100
3-conductor shield terminal block		
white	**2002-6308**	100

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar, insulated,
I_N 25 A,
light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Delta jumper, insulated, ❻
I_N = I_N terminal block, light gray

1-2 3-4 5-6	**2002-406/020-000**	100 (4x25)

Star point jumper, insulated, ❻
I_N = I_N terminal block, light gray

1-3-5	**2002-405/011-000**	100 (4x25)

Staggered jumper, ❻
insulated,
I_N 25 A,
light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Customized staggered jumper,
insulated,
I_N 25 A,
light gray

1-3	**2002-473/011-000**	100 (4x25)
1-3-5	**2002-475/011-000**	
1-3-5-7	**2002-477/011-000**	
1-3-5-7-9	**2002-479/011-000**	
1-3-5-7-9-11	**2002-481/011-000**	50 (2x25)

Push-in type wire jumper, ❻
insulated,
I_N 18 A,
wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Protective warning marker,
with high-voltage symbol, black,
for 5 terminal blocks
yellow **2002-115** 100 (4x25)

Modular TOPJOB® S connector, ❻
can be snapped together,
for jumper contact slot
gray **2002-511** 100 (4x25)

TOPJOB® S L-test plug module, ❻
can be snapped together
gray **2002-611** 100 (4x25)

Test plug adapter,
for 4 mm Ø test plug
gray **2009-174** 100 (4x25)

Testing tap,
for max. 2.5 mm²
gray **2009-182** 100 (4x25)

WMB Inline, plain,
stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

Marking strip, plain,
11 mm wide,
50 m roll
white **2009-110** 1

TOPJOB® S group marker carrier,
snap-on type for jumper slot,
5 mm wide
gray **2009-191** 50 (2x25)

Marker carrier, ❻
for jumper slots 2002 Series,
5 mm wide
gray **2002-161** 100 (4x25)

2002 Series Accessories

End and intermediate plate, 0.8 mm thick

orange	**2002-6392**	100 (4x25)
gray	**2002-6391**	100 (4x25)

Ex e/Ex i separator, orange,
3 mm thick
120 mm **209-191** 50 (2x25)

Insulation stop,
5 pcs/strip,
0.25 ... 0.5 mm²
light gray **2002-171** 200 (8x25)

Insulation stop,
5 pcs/strip,
0.75 ... 1 mm²
dark gray **2002-172** 200 (8x25)

Push-in type jumper bar, insulated, ❻
I_N 25 A,
light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

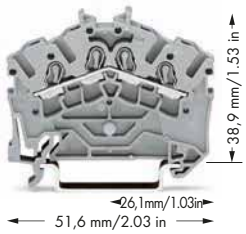
Adjacent jumper for continuous commoning, insulated, ❻
I_N 25 A,
light gray
2-way **2002-400** 100 (4x25)

Approvals see www.wago.com

TOPJOB® S
Through/Ground Conductor and Ex Terminal Blocks
2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A)	600 V, 20 A

Terminal block width 5.2 mm / 0.205 in.
10 ... 12 mm / 0.43 in. ❸



❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

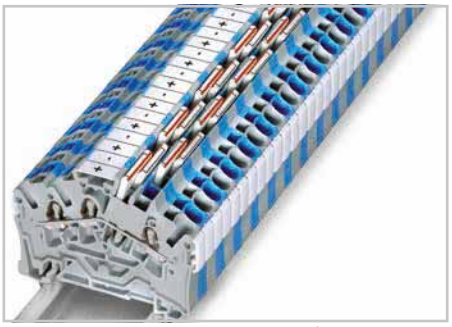
❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 22 A
Jumper 20 A
(see Full Line Catalog, Volume 1, Section 14)

❻ See application notes for:
Ex e/Ex i separator plate, page 27

	Item No.	Pack. Unit
4-conductor through terminal block		
gray	**2002-6401** ❺	100
blue	**2002-6404** ❹ ❺	100
orange	**2002-6402** ❺	100
red	**2002-6403** ❺	100
black	**2002-6405** ❺	100
yellow	**2002-6406** ❺	100
4-conductor ground terminal block		
green-yellow	**2002-6407** ❺	100

Notice:
These terminal blocks cannot be commoned with push-in type jumper bars.



3- and 4-conductor terminal blocks of angled type
The TOPJOB® S rail-mounted terminal blocks have a 35-degree conductor entry angle permitting 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, e.g., these terminal blocks are a space- and cost-saving solution. This allows the cable duct to be placed very close to the terminal blocks, keeping its height relatively low.

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 0.8 mm thick

orange	**2002-6392**	100 (4x25)
gray	**2002-6391**	100 (4x25)

Ex e/Ex i separator, orange, ❻

3 mm thick

120 mm	**209-191**	50 (2x25)

Insulation stop,

5 pcs/strip,
0.25 ... 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip,
0.75 ... 1 mm²

dark gray	**2002-172**	200 (8x25)

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

WMB Inline, plain,

stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll

white	**2009-115**	1

Marking strip, plain,

11 mm wide,
50 m roll

white	**2009-110**	1

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm

plain	**793-5501**	5

WMB Multi marking system, plain,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm

yellow	**793-5501/000-002**	
red	**793-5501/000-005**	
blue	**793-5501/000-006**	
gray	**793-5501/000-007**	
orange	**793-5501/000-012**	
light green	**793-5501/000-017**	
green	**793-5501/000-023**	
violet	**793-5501/000-024**	
		5

Screwless end stop,

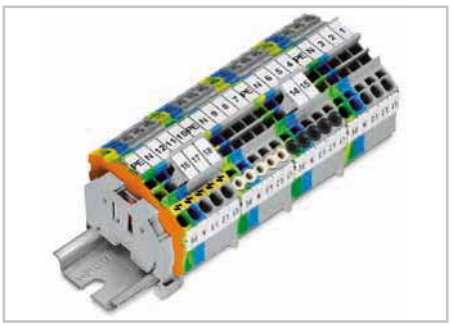
for DIN 35 rail,
6 mm wide

gray	**249-116**	100 (4x25)

Screwless end stop,

for DIN 35 rail,
10 mm wide

gray	**249-117**	50 (2x25)



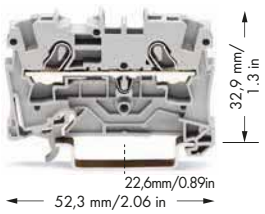
Product features:
- Push-in CAGE CLAMP® connection for all conductor types, with the additional benefit of stripped solid and stranded wires and fine-stranded ferruled wires being simply pushed in
- Vibration-proof, fast, maintenance-free terminations
- 3-conductor through and ground conductor terminal blocks equipped with a dual jumper slot
- 4-conductor terminal blocks permit potential multiplication – no additional jumpers or terminal blocks needed
- 3- and 4-conductor terminal blocks have **the same dimensions**

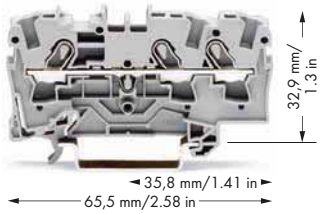
An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block and vice versa.

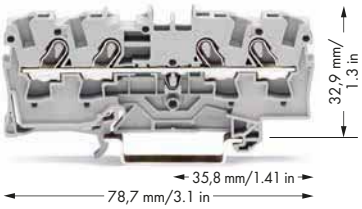
Approvals see www.wago.com

TOPJOB® S
Through/Ground Conductor/Shield and Ex Terminal Blocks 4 (6) mm²
2004 Series

0.5 ... 4 (6) mm² ❶	AWG 20 ... 10	0.5 ... 4 (6) mm² ❶	AWG 20 ... 10	0.5 ... 4 (6) mm² ❶	AWG 20 ... 10
800 V/8 kV/3 ❷	600 V, 30 A	800 V/8 kV/3 ❷	600 V, 30 A	800 V/8 kV/3 ❷	600 V, 30 A
I_N 32 A (41 A)	600 V, 30 A	I_N 32 A (41 A)	600 V, 30 A	I_N 32 A (41 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.❸		11 ... 13 mm / 0.47 in.❸		11 ... 13 mm / 0.47 in.❸	







Item No.		Pack. Unit
2-conductor through terminal block		
gray Ex	**2004-1201** ❺	50
blue Ex	**2004-1204** ❹ ❺	50
orange Ex	**2004-1202** ❺	50
red Ex	**2004-1203** ❺	50
black Ex	**2004-1205** ❺	50
yellow Ex	**2004-1206** ❺	50
2-conductor ground terminal block		
green-yellow Ex	**2004-1207** ❺	50
Other terminal blocks with the same profile:		
Diode	**2004-1211/1000-401** Page 96	

Item No.		Pack. Unit
3-conductor through terminal block		
gray Ex	**2004-1301** ❺	50
blue Ex	**2004-1304** ❹ ❺	50
orange Ex	**2004-1302** ❺	50
red Ex	**2004-1303** ❺	50
black Ex	**2004-1305** ❺	50
yellow Ex	**2004-1306** ❺	50
3-conductor ground terminal block		
green-yellow Ex	**2004-1307** ❺	50
Other terminal blocks with the same profile:		
Diode	**2004-1311/1000-401** Page 96	

Item No.		Pack. Unit
4-conductor through terminal block		
gray Ex	**2004-1401** ❺	50
blue Ex	**2004-1404** ❹ ❺	50
orange Ex	**2004-1402** ❺	50
red Ex	**2004-1403** ❺	50
black Ex	**2004-1405** ❺	50
yellow Ex	**2004-1406** ❺	50
4-conductor ground terminal block		
green-yellow Ex	**2004-1407** ❺	50
4-conductor shield terminal block		
white	**2004-1408**	50
Other terminal blocks with the same profile:		
Diode	**2004-1411/1000-401** Page 96	

Item-Specific Accessories

End and intermediate plate, 1 mm thick			
	orange	**2004-1292**	100 (4x25)
	gray	**2004-1291**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2004-1294**	100 (4x25)
	gray	**2004-1293**	100 (4x25)
Ex e/Ex i separator, orange,			
	3 mm thick		
	90 mm	**209-190**	50 (2x25)
	120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick			
	orange	**2004-1392**	100 (4x25)
	gray	**2004-1391**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2004-1394**	100 (4x25)
	gray	**2004-1393**	100 (4x25)
Ex e/Ex i separator, orange,			
	3 mm thick		
	120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick			
	orange	**2004-1492**	100 (4x25)
	gray	**2004-1491**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2004-1494**	100 (4x25)
	gray	**2004-1493**	100 (4x25)
Ex e/Ex i separator, orange,			
	3 mm thick		
	120 mm	**209-191**	50 (2x25)

2004 Series Accessories

Appropriate marking systems: WMB/Marking strips

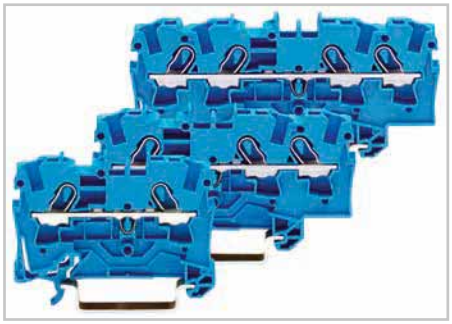
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2004-171**	200 (8x25)
Push-in type jumper bar, insulated,			
	I_N 32 A,		
	light gray		
	2-way	**2004-402**	200 (8x25)
	3-way	**2004-403**	200 (8x25)
	4-way	**2004-404**	100 (4x25)
	5-way	**2004-405**	100 (4x25)
	6-way	**2004-406**	100 (4x25)
	7-way	**2004-407**	100 (4x25)
	8-way	**2004-408**	100 (4x25)
	9-way	**2004-409**	100 (4x25)
	10-way	**2004-410**	100 (4x25)

Insulation stop,			
	5 pcs/strip,		
	0.75 ... 1 mm²		
	dark gray	**2004-172**	200 (8x25)
Push-in type jumper bar, insulated,			
	I_N 32 A,		
	light gray		
	from 1 to 3	**2004-433**	200 (8x25)
	from 1 to 4	**2004-434**	200 (8x25)
	from 1 to 5	**2004-435**	100 (4x25)
	from 1 to 6	**2004-436**	100 (4x25)
	from 1 to 7	**2004-437**	100 (4x25)
	from 1 to 8	**2004-438**	100 (4x25)
	from 1 to 9	**2004-439**	100 (4x25)
	from 1 to 10	**2004-440**	100 (4x25)

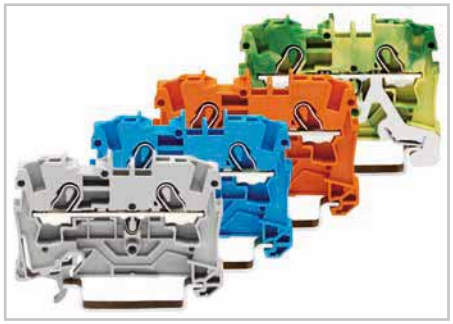
Delta jumper, insulated,			
❻	I_N = I_N terminal block, light gray		
	1-2 3-4 5-6	**2004-406/020-000**	
			100 (4x25)
Star point jumper, insulated,			
❻	I_N = I_N terminal block, light gray		
	1-3-5	**2004-405/011-000**	
			100 (4x25)
Step-down jumper, insulated,			
❻	I_N 32 A		
	light gray	**2006-499**	50 (2x25)
Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**2004-115**	100 (4x25)

Approvals see www.wago.com

Terminal Blocks for Ex i or Ex e II Applications



Through terminal blocks with blue insulated housing are suitable for Ex i applications.



All through and ground conductor terminal blocks are suitable for Ex e II applications.

❶ Conductor sizes: 0.5 mm² ... 6 mm² "s + f-st"; Push-in conductor sizes: 1 mm² ... 6 mm² "s" and 0.75 mm² ... 4 mm² "insulated ferrule, 12 mm"

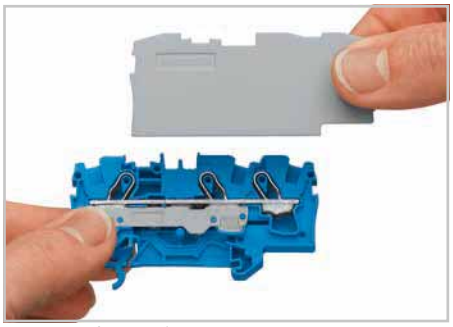
❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

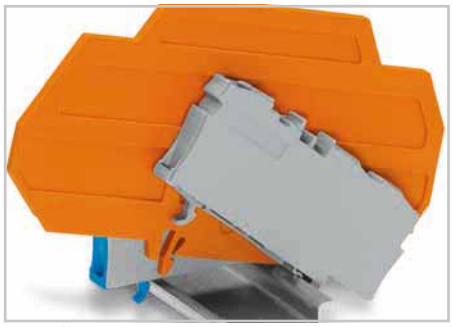
❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 30 A
(see Full Line Catalog, Volume 1, Section 14)

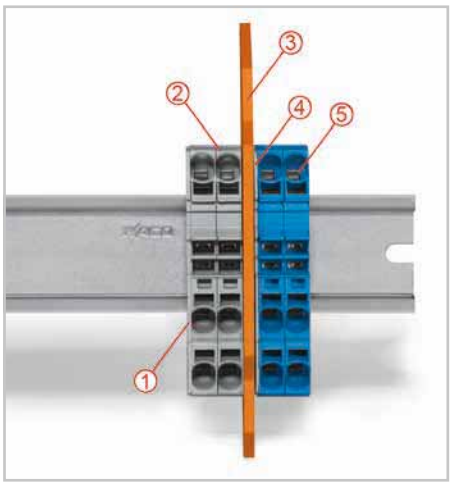
❻ See application notes for:
Step-down jumper, page 28
Star point jumper, page 165
Delta jumper, page 165
TOPJOB® S connector, page 160



Separator for Ex e/Ex i applications
An end plate must be applied to the terminal block located directly behind an Ex e/Ex i separator plate.



Ex e II/Ex i terminal strip
Notice:
The movable feet of terminal blocks and separator plate must face the same direction.



Separator located between Ex e II and Ex i terminal strip
① End plate
② Ex e II terminal blocks
③ Ex e/Ex i separator plate
④ End plate
⑤ Ex i terminal blocks
According to EN 50020, a minimum distance of 50 mm must be kept between live parts of Ex e and Ex i circuits. The use of Ex e/Ex i separators is a space-saving solution when Ex e and Ex i terminal blocks are mounted on a common carrier rail.

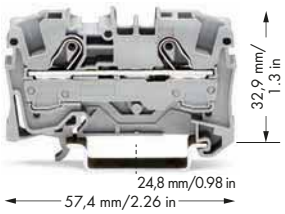
2004 Series Accessories

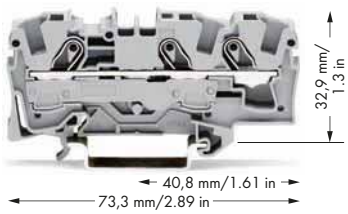
Modular TOPJOB® S connector, ❻	can be snapped together, for jumper contact slot		
	gray	**2004-511**	100 (4x25)
Spacer module, can be snapped together,	e.g., for bridging commoned terminal blocks		
	gray	**2004-549**	100 (4x25)
End plate,	for modular TOPJOB® S connectors, 1.5 mm thick		
	gray	**2004-541**	100 (4x25)
Test plug adapter,	for 4 mm Ø test plug		
	gray	**2009-174**	100 (4x25)
Banana plug,	for socket 4 mm Ø, color mixed		
		215-111	50
Testing tap,	for max. 2.5 mm²		
	gray	**2009-182**	100 (4x25)
Test plug,	with 500 mm cable, 2 mm Ø		
	red	**210-136**	50
Test plug,	with 500 mm cable, 2.3 mm Ø		
	yellow	**210-137**	50
WMB Multi marking system,	10 strips with 10 markers per card, stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5
Marking strip, plain,	11 mm wide, 50 m roll		
	white	**2009-110**	1
TOPJOB® S group marker carrier,	snap-on type for jumper slot, 5 mm wide		
	gray	**2009-191**	50 (2x25)
Screwless end stop,	for DIN 35 rail, 6 mm wide		
	gray	**249-116**	100 (4x25)

TOPJOB® S
Through/Ground Conductor and Ex Terminal Blocks
6 (10) mm², 2006 Series

0.5 ... 6 (10) mm² ❶	AWG 20 ... 8
800 V/8 kV/3 ❷	600 V, 50 A
I_N 41 A (57 A)	600 V, 50 A
Terminal block width 7.5 mm / 0.295 in.	
13 ... 15 mm / 0.55 in.❸	

0.5 ... 6 (10) mm² ❶	AWG 20 ... 8
800 V/8 kV/3 ❷	600 V, 50 A
I_N 41 A (57 A)	600 V, 50 A
Terminal block width 7.5 mm / 0.295 in.	
13 ... 15 mm / 0.55 in.❸	





❶ Conductor sizes: 0.5 mm² ... 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² ... 10 mm² "s" and 1.5 mm² ... 6 mm² "insulated ferrule, 12 mm"

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 38 A for 2-conductor terminal blocks
550 V, 36 A for 3-conductor terminal blocks
Jumper 33 A
(see Full Line Catalog, Volume 1, Section 14)

❻ See application notes for:
Ex e/Ex i separator plate, page 27
Star point jumper, page 165
TOPJOB® S connector, page 160

	Item No.	Pack. Unit
2-conductor through terminal block		
gray	**2006-1201** ❺	50
blue	**2006-1204** ❹ ❺	50
orange	**2006-1202** ❺	50
2-conductor ground terminal block		
green-yellow	**2006-1207** ❺	50
2-conductor shield terminal block		
white	**2006-1208** ❺	50

	Item No.	Pack. Unit
3-conductor through terminal block		
gray	**2006-1301** ❺	25
blue	**2006-1304** ❹ ❺	25
orange	**2006-1302** ❺	25
3-conductor ground terminal block		
green-yellow	**2006-1307** ❺	25

Lockout cap for covering unused clamping units of 2006 Series TOPJOB® S terminal blocks.

Item-Specific Accessories

End and intermediate plate, 1 mm thick			
	orange	**2006-1292**	100 (4x25)
	gray	**2006-1291**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2006-1294**	100 (4x25)
	gray	**2006-1293**	100 (4x25)

Item-Specific Accessories

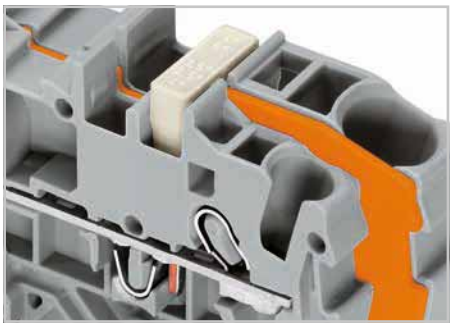
End and intermediate plate, 1 mm thick			
	orange	**2006-1392**	100 (4x25)
	gray	**2006-1391**	100 (4x25)
Separator, oversized, 2 mm thick			
	orange	**2006-1394**	100 (4x25)
	gray	**2006-1393**	100 (4x25)

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips

Ex e/Ex i separator, orange,			
❻	3 mm thick		
	120 mm	**209-191**	50 (2x25)
Push-in type jumper bar, insulated,			
	I_N 41 A, light gray		
	2-way	**2006-402**	50 (2x25)
	3-way	**2006-403**	50 (2x25)
	4-way	**2006-404**	50 (2x25)
	5-way	**2006-405**	50 (2x25)
Push-in type jumper bar, insulated,			
	I_N 41 A, light gray		
	from 1 to 3	**2006-433**	50 (2x25)
	from 1 to 4	**2006-434**	50 (2x25)
	from 1 to 5	**2006-435**	50 (2x25)
Star point jumper, insulated,			
❻	I_N = I_N terminal block, light gray		
	1-3-5	**2006-405/011-000**	50 (2x25)

Step-down jumper, insulated,			
❻	I_N 32 A		
	light gray	**2006-499**	50 (2x25)
Protective warning marker,			
	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**2006-115**	100 (4x25)
Lockout cap,			
	for conductor entry hole and operating slot		
	gray	**2006-191**	25
Modular TOPJOB® S connector,			
❻	can be snapped together, for jumper contact slot		
	gray	**2006-511**	50 (2x25)
Test plug adapter,			
	for 4 mm Ø test plug		
	gray	**2009-174**	100 (4x25)
WMB Multi marking system,			
	10 strips with 10 markers per card, stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5



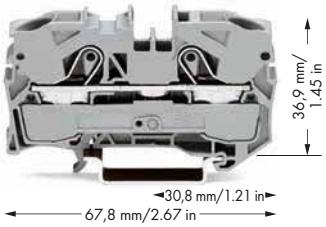
Commoning with step-down jumpers
An end plate must be inserted between the terminal blocks to be jumpered. Step-down jumper 2006-499 commons 6/4 mm² AWG 10/12 (2006/2004 Series) terminal blocks with 4/2.5/1.5 mm² AWG 12/14/16 (2004/2002/2001Series) terminal blocks.
Step-down jumpers are simply pushed down for full insertion, similar to other push-in type jumper bars.
Note:
The total current flowing shall not exceed the rating of the step-down jumper/push-in type jumper bar.

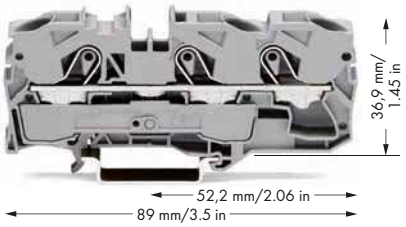
Approvals see www.wago.com

TOPJOB® S
Through/Ground Conductor and Ex Terminal Blocks
10 (16) mm², 2010 Series

0.5 ... 10 (16) mm² ❶	AWG 20 ... 6
800 V/8 kV/3 ❷	600 V, 65 A
I_N 57 A (76 A)	600 V, 65 A
Terminal block width 10 mm / 0.394 in.	
17 ... 19 mm / 0.71 in.❸	

0.5 ... 10 (16) mm² ❶	AWG 20 ... 6
800 V/8 kV/3 ❷	600 V, 65 A
I_N 57 A (76 A)	600 V, 65 A
Terminal block width 10 mm / 0.394 in.	
17 ... 19 mm / 0.71 in.❸	





❶ Conductor sizes: 0.5 mm² ... 16 mm² "s + f-st"; Push-in conductor sizes: 2.5 mm² ... 16 mm² "s" and 2.5 mm² ... 10 mm² "insulated ferrule, 18 mm"

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 51 A for 2-conductor terminal blocks
550 V, 50 A for 3-conductor terminal blocks
(see Full Line Catalog, Volume 1, Section 14)

❻ See application notes for:
Ex e/Ex i separator plate, page 27
Star point jumper, page 165
TOPJOB® S connector, page 160

	Item No.	Pack. Unit
2-conductor through terminal block		
gray	**2010-1201** ❺	25
blue	**2010-1204** ❹ ❺	25
orange	**2010-1202** ❺	25
2-conductor ground terminal block		
green-yellow	**2010-1207** ❺	25
2-conductor shield terminal block		
white	**2010-1208** ❺	25

	Item No.	Pack. Unit
3-conductor through terminal block		
gray	**2010-1301** ❺	25
blue	**2010-1304** ❹ ❺	25
orange	**2010-1302** ❺	25
3-conductor ground terminal block		
green-yellow	**2010-1307** ❺	25

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2010-1292**	100 (4x25)
gray	**2010-1291**	100 (4x25)

Ex e/Ex i separator, orange,

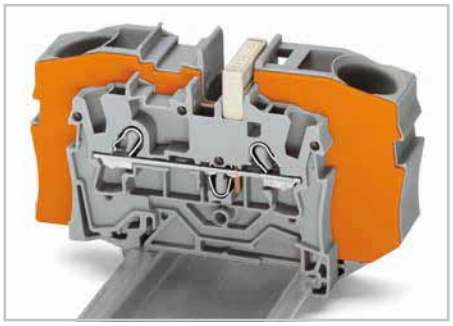
❻

3 mm thick		
120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2010-1392**	100 (4x25)
gray	**2010-1391**	100 (4x25)



Commoning with step-down jumpers
An end plate must be inserted between the terminal blocks to be jumpered. Step-down jumper 2016-499 commons 16/10 mm² AWG 16/8 (2016/2010 Series) terminal blocks with 10/6/4/2.5 mm² AWG 8/10/12/14 (2010/2006/2004/2002 Series) terminal blocks. Step-down jumpers are simply pushed down for full insertion, similar to other push-in type jumper bars.

2010 Series Accessories

Appropriate marking systems: WMB/Marking strips

Push-in type jumper bar, insulated,

I_N 57 A,		
light gray		
2-way	**2010-402**	50 (2x25)
3-way	**2010-403**	50 (2x25)
4-way	**2010-404**	50 (2x25)
5-way	**2010-405**	50 (2x25)

Push-in type jumper bar, insulated,

I_N 57 A,		
light gray		
from 1 to 3	**2010-433**	50 (2x25)
from 1 to 4	**2010-434**	50 (2x25)
from 1 to 5	**2010-435**	50 (2x25)

Star point jumper, insulated,

❻

I_N = I_N terminal block, light gray		
1-3-5	**2010-405/011-000**	50 (2x25)

Step-down jumper, insulated,

❻

I_N 57 A		
light gray	**2016-499**	50 (2x25)

Protective warning marker,

with high-voltage symbol, black,		
for 5 terminal blocks		
yellow	**2010-115**	50 (2x25)

Finger guard,

touchproof cover protects unused conductor entries		
yellow	**2010-100**	100 (4x25)

Modular TOPJOB® S connector,

❻

can be snapped together,		
for jumper contact slot		
gray	**2010-511**	50 (2x25)

Test plug adapter,

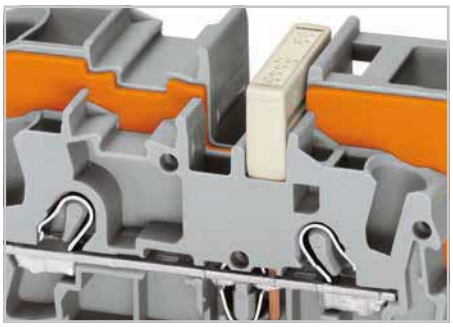
for 4 mm Ø test plug		
gray	**2009-174**	100 (4x25)

WMB Multi marking system,

10 strips with 10 markers per card,		
stretchable 5 ... 5.2 mm		
plain	**793-5501**	5

Marking strip, plain,

11 mm wide,		
50 m roll		
white	**2009-110**	1



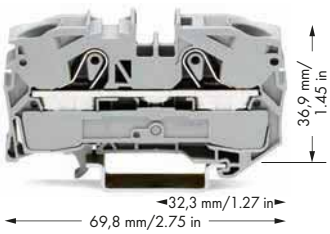
Note:
The total current flowing shall not exceed the rating of the step-down jumper/push-in type jumper bar.

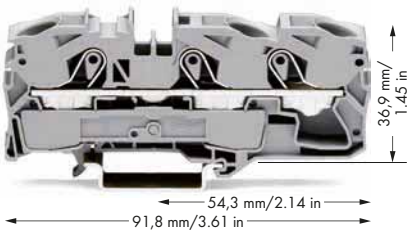
Approvals see www.wago.com

TOPJOB® S
Through/Ground Conductor and Ex Terminal Blocks
16 (25 “f-st”) mm², 2016 Series

0.5 ... 16 (25“f-st“)mm² ❶	AWG 20 ... 4
800 V/8 kV/3 ❷	600 V, 85 A
I_N 76 A (90 A)	600 V, 85 A
Terminal block width 12 mm / 0.472 in.	
18 ... 20 mm / 0.75 in. ❸	

0.5 ... 16 (25“f-st“)mm² ❶	AWG 20 ... 4
800 V/8 kV/3 ❷	600 V, 85 A
I_N 76 A (90 A)	600 V, 85 A
Terminal block width 12 mm / 0.472 in.	
18 ... 20 mm / 0.75 in. ❸	





❶ Conductor sizes: 0.5 mm² ... 16 mm² “s + f-st”, 25 mm² “f-st”;
Push-in conductor sizes: 2.5 mm² ... 16 mm² “s” and 2.5 mm² ... 16 mm² “insulated ferrule, 18 mm”

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

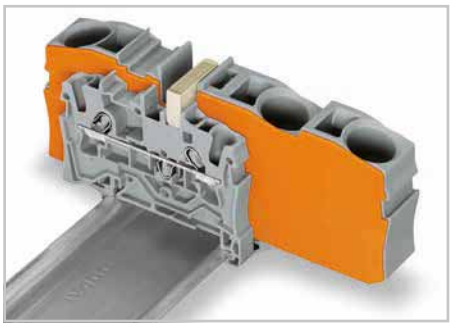
❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
550 V, 70 A for 2-conductor terminal blocks
550 V, 67 A for 3-conductor terminal blocks
Jumper 65 A
(see Full Line Catalog, Volume 1, Section 14)

❻ See application notes for:
Ex e/Ex i separator plate, page 27
Star point jumper, page 165
TOPJOB® S connector, page 161

	Item No.	Pack. Unit
2-conductor through terminal block		
gray Ex	**2016-1201** ❺	20
blue Ex	**2016-1204** ❹ ❺	20
orange Ex	**2016-1202** ❺	20
2-conductor ground terminal block, 15mm-high DIN 35 rails shall be used for a current load higher than 76A!		
green-yellow Ex	**2016-1207** ❺	20
2-conductor shield terminal block, 15mm-high DIN 35 rails shall be used for a current load higher than 76A!		
white	**2016-1208** ❺	20

	Item No.	Pack. Unit
3-conductor through terminal block		
gray Ex	**2016-1301** ❺	20
blue Ex	**2016-1304** ❹ ❺	20
orange Ex	**2016-1302** ❺	20
3-conductor ground terminal block, 15mm-high DIN 35 rails shall be used for a current load higher than 76A!		
green-yellow Ex	**2016-1307** ❺	20



Commoning with step-down jumpers
An end plate must be inserted between the terminal blocks to be jumpered. Step-down jumper 2016-499 commons 16/10 mm² AWG 16/8 (2016/2010 Series) terminal blocks with 10/6/4/2.5 mm² AWG 8/10/12/14 (2010/2006/2004/2002 Series) terminal blocks. Step-down jumpers are simply pushed down for full insertion, similar to other push-in type jumper bars.

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2016-1292**	100 (4x25)
gray	**2016-1291**	100 (4x25)

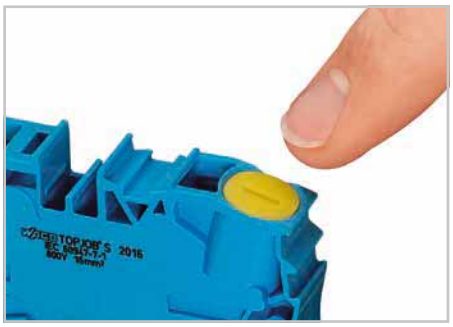
Ex e/Ex i separator, orange, ❻

3 mm thick		
120 mm	**209-191**	50 (2x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2016-1392**	100 (4x25)
gray	**2016-1391**	100 (4x25)



Inserting a finger guard seals unused conductor entries.

2016 Series Accessories

Appropriate marking systems: WMB/Marking strips

Push-in type jumper bar, insulated,

I_N 76 A, light gray		
2-way	**2016-402**	50 (2x25)
3-way	**2016-403**	50 (2x25)
4-way	**2016-404**	50 (2x25)
5-way	**2016-405**	50 (2x25)

Push-in type jumper bar, insulated,

I_N 76 A, light gray		
from 1 to 3	**2016-433**	50 (2x25)
from 1 to 4	**2016-434**	50 (2x25)
from 1 to 5	**2016-435**	50 (2x25)

Star point jumper, insulated, ❻

I_N = I_N terminal block, light gray		
1-3-5	**2016-405/011-000**	50 (2x25)

Step-down jumper, insulated, ❻

I_N 57 A		
light gray	**2016-499**	50 (2x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks		
yellow	**2016-115**	50 (2x25)

Modular TOPJOB® S connector, ❻

can be snapped together, for jumper contact slot		
gray	**2016-511**	50 (2x25)

Finger guard,

touchproof cover protects unused conductor entries		
yellow	**2016-100**	100 (4x25)

Test plug adapter,

for 4 mm Ø test plug		
gray	**2009-174**	100 (4x25)

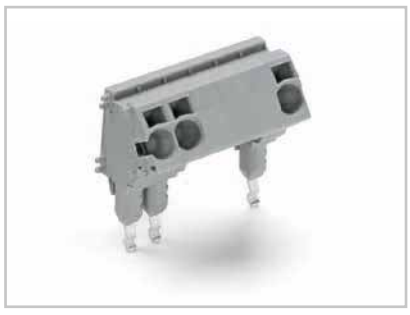
Approvals see www.wago.com

TESTING

Modular Connectors

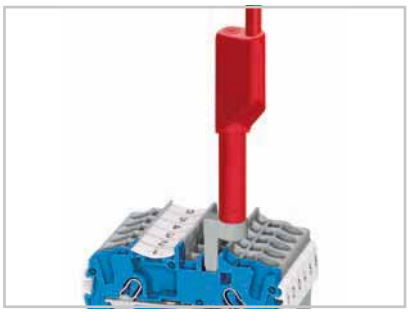
- Circuit identification via WMB markers
- Customizable to suit required number of poles

Test Plugs



The TOPJOB® S Test Plugs can be simply pushed into the conductor entry and then unplugged – no tools required. Test plugs are convenient workaround for multilevel terminal block assemblies with inaccessible jumper slots. Additionally, terminal blocks can be skipped using spacer modules.

Test Plug Adapter



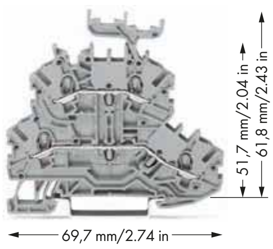
Test plug adapters (CAT I) for 4 mm banana plugs are suited for 2000 ... 2016 Series.

Testing Tap

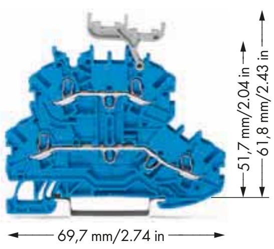
Testing taps are suited for 2000 ... 2016 Series, providing tool-free connection of test wires up to 2.5 mm² (12 AWG).

TOPJOB® S
Double-Deck Terminal Blocks 1 (1.5) mm²
2000 Series

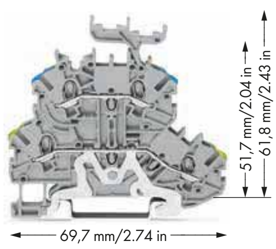
0.14 … 1 (1.5) mm² ❶ AWG 24 … 16 500 V/6 kV/3 ❷ 600 V, 10 A UL I_N 13.5 A (16 A) Terminal block width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❸	0.14 … 1 (1.5) mm² ❶ AWG 24 … 16 500 V/6 kV/3 ❷ 600 V, 10 A UL I_N 13.5 A (16 A) Terminal block width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❸	0.14 … 1 (1.5) mm² ❶ AWG 24 … 16 500 V/6 kV/3 ❷ 600 V, 10 A UL I_N 13.5 A (16 A) Terminal block width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❸



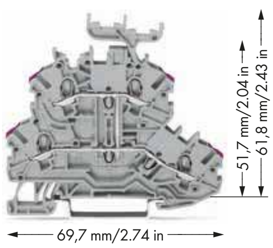
	Item No.	Pack. Unit
Through/through terminal block, with marker carrier, gray housing		
L/L	**2000-2231**	50
N/L	**2000-2232**	50
L/N	**2000-2233**	50
Through/through terminal block, without marker carrier, gray housing		
L/L	**2000-2201**	50
N/L	**2000-2202**	50
L/N	**2000-2203**	50



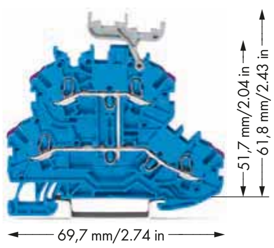
	Item No.	Pack. Unit
Through/through terminal block, with marker carrier, blue housing		
N/N	**2000-2234**	50
Through/through terminal block, without marker carrier, blue housing		
N/N	**2000-2204**	50



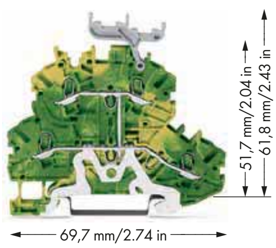
	Item No.	Pack. Unit
Ground conductor/through terminal block, with marker carrier, gray housing		
PE/N	**2000-2247**	50
PE/L	**2000-2257**	50
Ground conductor/through terminal block, without marker carrier, gray housing		
PE/N	**2000-2217**	50
PE/L	**2000-2227**	50



	Item No.	Pack. Unit
4-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing		
L	**2000-2238**	50
4-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, gray housing		
L	**2000-2208**	50



	Item No.	Pack. Unit
4-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, blue housing		
N	**2000-2239**	50
4-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, blue housing		
N	**2000-2209**	50

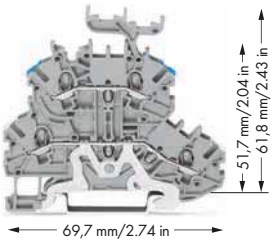


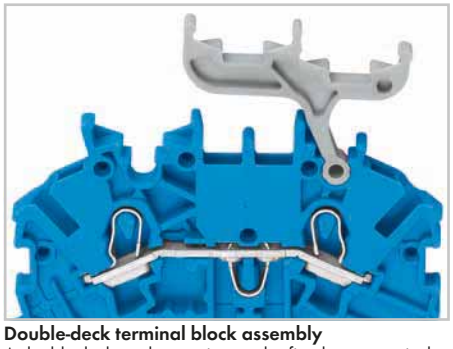
	Item No.	Pack. Unit
4-conductor ground terminal block, with marker carrier, internal commoning, green-yellow housing		
PE	**2000-2237**	50
4-conductor ground terminal block, without marker carrier, internal commoning, green-yellow housing		
PE	**2000-2207**	50

Approvals see www.wago.com

0.14 … 1 (1.5) mm² ❶ | **AWG 24 … 16**
500 V/6 kV/3 ❷ | **600 V, 10 A**
I_N 13.5 A (16 A)

Terminal block width 3.5 mm / 0.138 in.
9 … 11 mm / 0.39 in ❸





Double-deck terminal block assembly
A double-deck marker carrier can be fitted retrospectively to double-deck terminal blocks without marker carrier.

❶ Conductor sizes: 0.14 mm² … 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² … 1.5 mm² "s" and 0.5 mm² … 0.75 mm² "insulated ferrule, 10 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for:
Colored push-in type jumper bars, page 163
Vertical jumper, page 167

	Item No.	Pack. Unit
Shield conductor/through terminal block, with marker carrier, gray housing		
Shield/N	**2000-2248**	50
Shield/L	**2000-2258**	50
Shield conductor/through terminal block, without marker carrier, gray housing		
Shield/N	**2000-2218**	50
Shield/L	**2000-2228**	50

2000 Series Accessories

Appropriate marking systems: WMB/Marking strips

End and intermediate plate, 0.7 mm thick

orange	**2000-2292**	25
gray	**2000-2291**	25

Push-in type jumper bar, insulated, ❹

I_N 14 A, light gray

2-way	**2000-402**	200 (8x25)
3-way	**2000-403**	200 (8x25)
4-way	**2000-404**	200 (8x25)
5-way	**2000-405**	100 (4x25)
6-way	**2000-406**	100 (4x25)
7-way	**2000-407**	100 (4x25)
8-way	**2000-408**	100 (4x25)
9-way	**2000-409**	100 (4x25)
10-way	**2000-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 14 A, light gray

from 1 to 3	**2000-433**	200 (8x25)
from 1 to 4	**2000-434**	200 (8x25)
from 1 to 5	**2000-435**	100 (4x25)
from 1 to 6	**2000-436**	100 (4x25)
from 1 to 7	**2000-437**	100 (4x25)
from 1 to 8	**2000-438**	100 (4x25)
from 1 to 9	**2000-439**	100 (4x25)
from 1 to 10	**2000-440**	100 (4x25)

Double-deck vertical jumper, insulated, ❹

I_N 13.5 A

light gray	**2000-492**	100 (4x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

yellow	**2000-115**	100 (4x25)

Double-deck marker carrier,

pivoting

gray	**2000-121**	50 (2x25)

WMB Multi marking system,

10 strips with 10 markers per card, for 3.5 mm terminal block width

plain	**793-3501**	5

Marking strip, plain,

11 mm wide, 50 m roll

white	**2009-110**	1

Test plug adapter,

for 4 mm Ø test plug		
gray	**2009-174**	100 (4x25)

Banana plug,

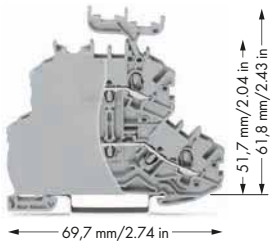
for socket 4 mm Ø, color mixed		
	215-111	50

Testing tap,

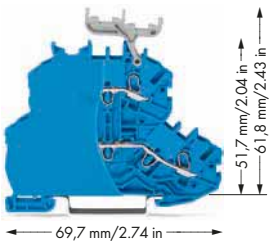
for max. 2.5 mm²		
gray	**2009-182**	100 (4x25)

TOPJOB® S
Double-Deck Terminal Blocks 1 (1.5) mm²
2000 Series

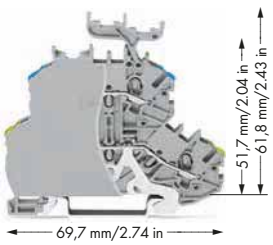
0.14 ... 1 (1.5) mm² ❶ | AWG 24 ... 16 800 V/8 kV/3 ❷ | 600 V, 10 A I_N 13.5 A (16 A) Terminal block width 4.2 mm / 0.165 in. 9 ... 11 mm / 0.39 in ❸	0.14 ... 1 (1.5) mm² ❶ | AWG 24 ... 16 800 V/8 kV/3 ❷ | 600 V, 10 A I_N 13.5 A (16 A) Terminal block width 4.2 mm / 0.165 in. 9 ... 11 mm / 0.39 in ❸	0.14 ... 1 (1.5) mm² ❶ | AWG 24 ... 16 800 V/8 kV/3 ❷ | 600 V, 10 A I_N 13.5 A (16 A) Terminal block width 4.2 mm / 0.165 in. 9 ... 11 mm / 0.39 in ❸



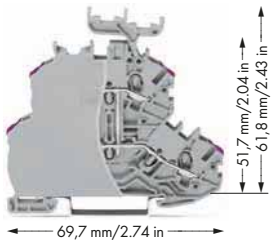
Item No.		Pack. Unit
Through/through terminal block, with end plate, with marker carrier, gray housing		
L/L	**2000-2231/099-000**	50
N/L	**2000-2232/099-000**	50
L/N	**2000-2233/099-000**	50
Through/through terminal block, with end plate, without marker carrier, gray housing		
L/L	**2000-2201/099-000**	50
N/L	**2000-2202/099-000**	50
L/N	**2000-2203/099-000**	50



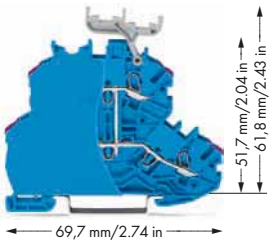
Item No.		Pack. Unit
Through/through terminal block, with end plate, with marker carrier, blue housing		
N/N	**2000-2234/099-000**	50
Through/through terminal block, with end plate, without marker carrier, blue housing		
N/N	**2000-2204/099-000**	50



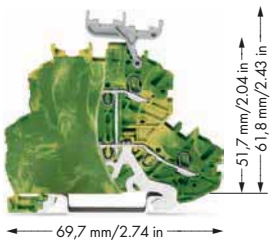
Item No.		Pack. Unit
Ground conductor/through terminal block, with end plate, with marker carrier, gray housing		
PE/N	**2000-2247/099-000**	50
PE/L	**2000-2257/099-000**	50
Ground conductor/through terminal block, with end plate, without marker carrier, gray housing		
PE/N	**2000-2217/099-000**	50
PE/L	**2000-2227/099-000**	50



Item No.		Pack. Unit
4-conductor through terminal block, with end plate, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing		
L	**2000-2238/099-000**	50
4-conductor through terminal block, with end plate, without marker carrier, internal commoning, conductor entry position colored in violet, gray housing		
L	**2000-2208/099-000**	50



Item No.		Pack. Unit
4-conductor through terminal block, with end plate, with marker carrier, internal commoning, conductor entry position colored in violet, blue housing		
N	**2000-2239/099-000**	50
4-conductor through terminal block, with end plate, without marker carrier, internal commoning, conductor entry position colored in violet, blue housing		
N	**2000-2209/099-000**	50

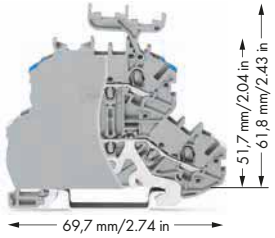


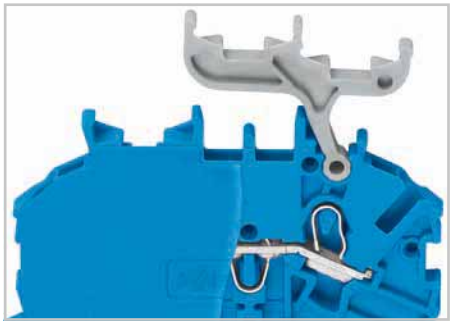
Item No.		Pack. Unit
4-conductor ground terminal block, with end plate, with marker carrier, internal commoning, green-yellow housing		
PE	**2000-2237/099-000**	50
4-conductor ground terminal block, with end plate, without marker carrier, internal commoning, green-yellow housing		
PE	**2000-2207/099-000**	50

Approvals see www.wago.com

0.14 … 1 (1.5) mm² ❶ | **AWG 24 … 16**
800 V/8 kV/3 ❷ | **600 V, 10 A**
I_N 13.5 A (16 A)

Terminal block width 4.2 mm / 0.165 in.
9 … 11 mm / 0.39 in ❸





Double-deck terminal block assembly
A double-deck marker carrier can be fitted retrospectively to double-deck terminal blocks without marker carrier.

❶ Conductor sizes: 0.14 mm² … 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² … 1.5 mm² "s" and 0.5 mm² … 0.75 mm² "insulated ferrule, 10 mm"

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for: Vertical jumper, page 167

	Item No.	Pack. Unit
Shield conductor/through terminal block, with end plate, with marker carrier, gray housing		
◯ Shield/N	**2000-2248/099-000**	50
◯ Shield/L	**2000-2258/099-000**	50
Shield conductor/through terminal block, with end plate, without marker carrier, gray housing		
◯ Shield/N	**2000-2218/099-000**	50
◯ Shield/L	**2000-2228/099-000**	50

2000 Series Accessories

Appropriate marking systems: WMB/Marking strips

End and intermediate plate, 0.7 mm thick

orange	**2000-2292**	25
gray	**2000-2291**	25

Push-in type jumper bar, insulated,

I_N 18 A, light gray

2-way	**2001-402**	200 (8x25)
3-way	**2001-403**	200 (8x25)
4-way	**2001-404**	200 (8x25)
5-way	**2001-405**	100 (4x25)
6-way	**2001-406**	100 (4x25)
7-way	**2001-407**	100 (4x25)
8-way	**2001-408**	100 (4x25)
9-way	**2001-409**	100 (4x25)
10-way	**2001-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 18 A, light gray

from 1 to 3	**2001-433**	200 (8x25)
from 1 to 4	**2001-434**	200 (8x25)
from 1 to 5	**2001-435**	100 (4x25)
from 1 to 6	**2001-436**	100 (4x25)
from 1 to 7	**2001-437**	100 (4x25)
from 1 to 8	**2001-438**	100 (4x25)
from 1 to 9	**2001-439**	100 (4x25)
from 1 to 10	**2001-440**	100 (4x25)

Double-deck vertical jumper, insulated, ❹

I_N 13.5 A

light gray	**2000-492**	100 (4x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

yellow	**2001-115**	100 (4x25)

Double-deck marker carrier,

pivoting

gray	**2000-121**	50 (2x25)

Marking strip, plain,

11 mm wide, 50 m roll

white	**2009-110**	1

Test plug adapter,

for 4 mm Ø test plug		
gray	**2009-174**	100 (4x25)

Testing tap,

for max. 2.5 mm²		
gray	**2009-182**	100 (4x25)

Banana plug,

for socket 4 mm Ø, color mixed	**215-111**	50

WMB Inline, plain,

stretchable 4 … 4.2 mm, 2,000 WMB markers, 4 mm, on roll		
white	**2009-114**	1

WMB Multi marking system,

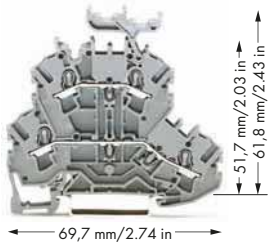
10 strips with 10 markers per card, stretchable 4 … 4.2 mm		
plain	**793-4501**	5

WMB Multi marking system, plain,

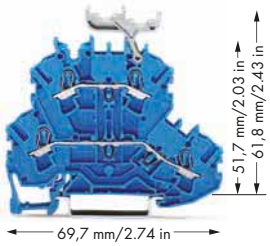
10 strips with 10 markers per card, stretchable 4 … 4.2 mm		
yellow	**793-4501/000-002**	
red	**793-4501/000-005**	
blue	**793-4501/000-006**	
gray	**793-4501/000-007**	
orange	**793-4501/000-012**	
light green	**793-4501/000-017**	
green	**793-4501/000-023**	
violet	**793-4501/000-024**	
		5

TOPJOB® S
Double-Deck Terminal Blocks 2.5 (4) mm²
2002 Series

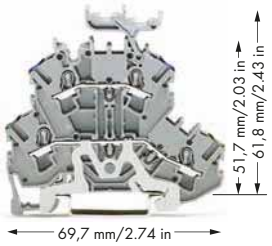
0.25 … 2.5 (4) mm² ❶	AWG 22 … 12	0.25 … 2.5 (4) mm² ❶	AWG 22 … 12	0.25 … 2.5 (4) mm² ❶	AWG 22 … 12
500 V/6 kV/3 ❷	600 V, 20 A	500 V/6 kV/3 ❷	600 V, 20 A	500 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (28 A)	600 V, 20 A	I_N 24 A (28 A)	600 V, 20 A	I_N 24 A (28 A)	600 V, 20 A
Terminal block width 5.2 mm / 0.205 in.		Terminal block width 5.2 mm / 0.205 in.		Terminal block width 5.2 mm / 0.205 in.	
10 … 12 mm / 0.43 in.❸		10 … 12 mm / 0.43 in.❸		10 … 12 mm / 0.43 in.❸	



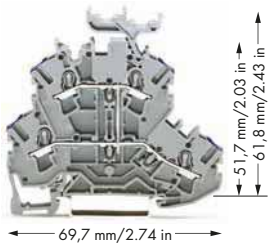
Item No.		Pack. Unit
Through/through terminal block,		
with marker carrier,		
gray housing		
L/L	**2002-2231** ❺	50
N/L	**2002-2232** ❺	50
L/N	**2002-2233** ❺	50
Through/through terminal block,		
without marker carrier,		
gray housing		
L/L	**2002-2201** ❺	50
N/L	**2002-2202** ❺	50
L/N	**2002-2203** ❺	50
Other terminal blocks with the same profile:		
Diode	**2002-2211/1000-410**	Page98
LED	**2002-2221/1000-434**	Page98



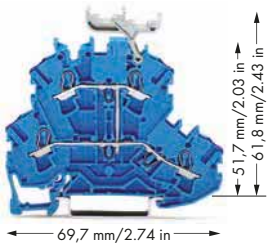
Item No.		Pack. Unit
Through/through terminal block,		
with marker carrier,		
blue housing		
N/N	**2002-2234** ❹ ❺	50
Through/through terminal block,		
without marker carrier,		
blue housing		
N/N	**2002-2204** ❹ ❺	50



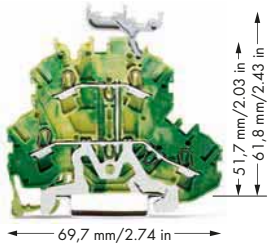
Item No.		Pack. Unit
Ground conductor/through terminal block,		
with marker carrier,		
gray housing		
PE/N	**2002-2247** ❺	50
PE/L	**2002-2257** ❺	50
Ground conductor/through terminal block,		
without marker carrier,		
gray housing		
PE/N	**2002-2217** ❺	50
PE/L	**2002-2227** ❺	50



Item No.		Pack. Unit
4-conductor through terminal block,		
with marker carrier, internal commoning, conductor entry		
position colored in violet,		
gray housing		
L	**2002-2238** ❺	50
4-conductor through terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
gray housing		
L	**2002-2208** ❺	50



Item No.		Pack. Unit
4-conductor through terminal block,		
with marker carrier, internal commoning, conductor entry		
position colored in violet,		
blue housing		
N	**2002-2239** ❹ ❺	50
4-conductor through terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
blue housing		
N	**2002-2209** ❹ ❺	50

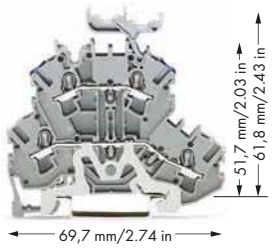


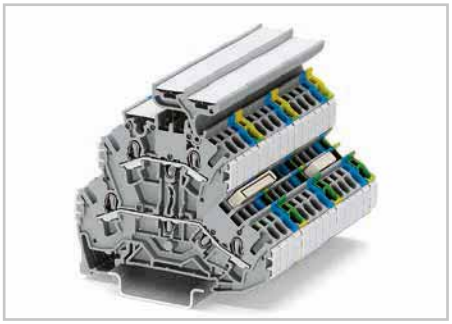
Item No.		Pack. Unit
4-conductor ground terminal block,		
with marker carrier, internal commoning,		
green-yellow housing		
PE	**2002-2237** ❺	50
4-conductor ground terminal block,		
without marker carrier, internal commoning,		
green-yellow housing		
PE	**2002-2207** ❺	50

Approvals see www.wago.com

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
500 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (28 A)	600 V, 20 A

Terminal block width 5.2 mm / 0.205 in.
10 ... 12 mm / 0.43 in.❸





Double-deck terminal block assembly

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st";
Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

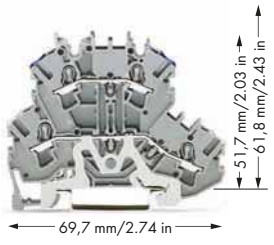
❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
440 V, 20 A
Jumper 18 A
(see Full Line Catalog, Volume 1, Section 14)

❻ See application notes for:
Colored push-in type jumper bars, page 163
Vertical jumper, page 167

	Item No.	Pack. Unit
Shield conductor/through terminal block,		
with marker carrier,		
gray housing		
Shield/N	**2002-2248**	50
Shield/L	**2002-2258**	50

The ground conductor or shield terminal blocks have a contact foot in the bottom level, automatically establishing direct contact to the carrier rail.
The flexible double-deck marker carrier, which is placed above the wiring levels, can be pushed aside during the wiring or commoning operation. The marker carrier has two levels for two different WMB markers relating to the two decks of the terminal blocks.
With a terminal block width of only 5.2 mm an effective width of only 2.6 mm for terminal blocks of same or different potentials can be realized for conductor sizes from 0.25 mm² ... 4 mm² (AWG 22 ... 12).
For protection against external interfering signals, an increasing number of shielded control cables are being used.
Shield terminal blocks for front-entry are suitable for connecting the cable braid. Like ground conductor terminal blocks for front-entry, they are equipped with a grounding foot for direct electrical connection to the rail, however they differ significantly by their white insulated housing. Shield terminal blocks can be directly mounted beside signal-conductor terminal blocks and provide excellent deflection of interfering signals.



	Item No.	Pack. Unit
Shield conductor/through terminal block,		
without marker carrier,		
gray housing		
Shield/N	**2002-2218**	50
Shield/L	**2002-2228**	50

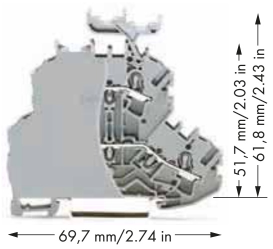
2002 Series Accessories

Appropriate marking systems: WMB/ WMB Inline/Marking strips

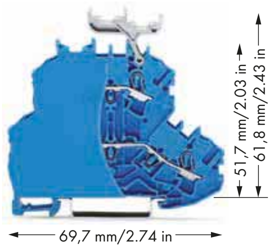
End and intermediate plate, 0.8 mm thick			
	orange	**2002-2292**	100 (4x25)
	gray	**2002-2291**	100 (4x25)
Ex e/Ex i separator, orange,			
❻	3 mm thick		
	125.5 mm	**209-192**	50 (2x25)
Double-deck marker carrier,			
	pivoting		
	gray	**2002-121**	50 (2x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 ... 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
❻	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Double-deck vertical jumper, insulated,			
❻	I_N 24 A		
	light gray	**2002-492**	100 (4x25)
	orange	**2002-492/000-012**	

TOPJOB® S
Double-Deck Terminal Blocks 2.5 (4) mm^2
2002 Series

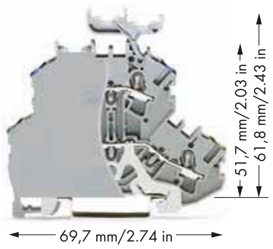
0.25 ... 2.5 (4) mm^2 ❶	AWG 22 ... 12	0.25 ... 2.5 (4) mm^2 ❶	AWG 22 ... 12	0.25 ... 2.5 (4) mm^2 ❶	AWG 22 ... 12
800 V/8 kV/3 ❷	600 V, 20 A UR	800 V/8 kV/3 ❷	600 V, 20 A UR	800 V/8 kV/3 ❷	600 V, 20 A UR
I_N 24 A	600 V, 20 A CSA	I_N 24 A	600 V, 20 A CSA	I_N 24 A	600 V, 20 A CSA
Terminal block width 6.2 mm / 0.244 in.		Terminal block width 6.2 mm / 0.244 in.		Terminal block width 6.2 mm / 0.244 in.	
10 ... 12 mm / 0.43 in.❸		10 ... 12 mm / 0.43 in.❸		10 ... 12 mm / 0.43 in.❸	



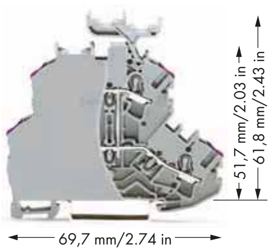
	Item No.	Pack. Unit
Through/through terminal block, with end plate, with marker carrier, gray housing		
○ L/L	2002-2231/099-000	50
○ N/L	2002-2232/099-000	50
○ L/N	2002-2233/099-000	50
Through/through terminal block, with end plate, without marker carrier, gray housing		
○ L/L	2002-2201/099-000	50
○ N/L	2002-2202/099-000	50
○ L/N	2002-2203/099-000	50
Other terminal blocks with the same profile:		
Diode	2002-2211/1000-410	Page98
LED	2002-2221/1000-434	Page98



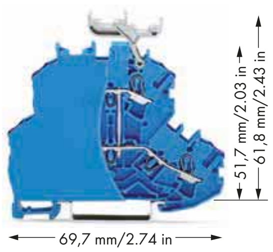
	Item No.	Pack. Unit
Through/through terminal block, with end plate, with marker carrier, blue housing		
● N/N	2002-2234/099-000 ❹	50
Through/through terminal block, with end plate, without marker carrier, blue housing		
● N/N	2002-2204/099-000 ❹	50



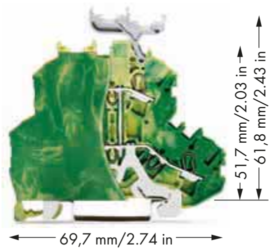
	Item No.	Pack. Unit
Ground conductor/through terminal block, with end plate, with marker carrier, gray housing		
○ PE/N	2002-2247/099-000	50
○ PE/L	2002-2257/099-000	50
Ground conductor/through terminal block, with end plate, without marker carrier, gray housing		
○ PE/N	2002-2217/099-000	50
○ PE/L	2002-2227/099-000	50



	Item No.	Pack. Unit
4-conductor through terminal block, with end plate, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing		
○ L	2002-2238/099-000	50
4-conductor through terminal block, with end plate, without marker carrier, internal commoning, conductor entry position colored in violet, gray housing		
○ L	2002-2208/099-000	50



	Item No.	Pack. Unit
4-conductor through terminal block, with end plate, with marker carrier, internal commoning, conductor entry position colored in violet, blue housing		
● N	2002-2239/099-000 ❹	50
4-conductor through terminal block, with end plate, without marker carrier, internal commoning, conductor entry position colored in violet, blue housing		
● N	2002-2209/099-000 ❹	50

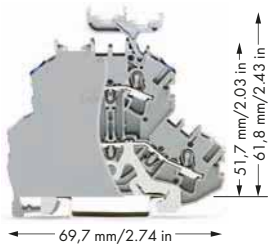


	Item No.	Pack. Unit
4-conductor ground terminal block, with end plate, with marker carrier, internal commoning, green-yellow housing		
◐ PE	2002-2237/099-000	50
4-conductor ground terminal block, with end plate, without marker carrier, internal commoning, green-yellow housing		
◐ PE	2002-2207/099-000	50

Approvals see www.wago.com

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

Terminal block width 6.2 mm / 0.244 in.
10 ... 12 mm / 0.43 in.❸



Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm width of double-deck terminal blocks with end plate, 2004 Series jumpers must be used.

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications

❺ See application notes for:
Vertical jumper, page 167

	Item No.	Pack. Unit
Shield conductor/through terminal block, with end plate, with marker carrier, gray housing		
Shield/N	**2002-2248/099-000**	50
Shield/L	**2002-2258/099-000**	50
Shield conductor/through terminal block, with end plate, without marker carrier, gray housing		
Shield/N	**2002-2218/099-000**	50
Shield/L	**2002-2228/099-000**	50

2002 Series Accessories

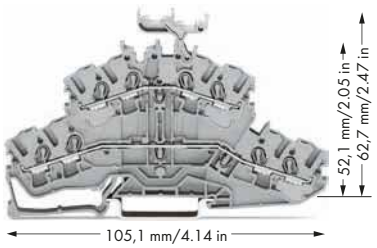
Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 0.8 mm thick			
orange	**2002-2292**	100 (4x25)	
gray	**2002-2291**	100 (4x25)	
Double-deck marker carrier,			
pivoting			
gray	**2002-121**	50 (2x25)	
Insulation stop,			
5 pcs/strip,			
0.25 ... 0.5 mm²			
light gray	**2002-171**	200 (8x25)	
Insulation stop,			
5 pcs/strip,			
0.75 ... 1 mm²			
dark gray	**2002-172**	200 (8x25)	
Push-in type jumper bar, insulated,			
I_N 32 A,			
light gray			
2-way	**2004-402**	200 (8x25)	
3-way	**2004-403**	200 (8x25)	
4-way	**2004-404**	100 (4x25)	
5-way	**2004-405**	100 (4x25)	
6-way	**2004-406**	100 (4x25)	
7-way	**2004-407**	100 (4x25)	
8-way	**2004-408**	100 (4x25)	
9-way	**2004-409**	100 (4x25)	
10-way	**2004-410**	100 (4x25)	
Push-in type jumper bar, insulated,			
I_N 32 A,			
light gray			
from 1 to 3	**2004-433**	200 (8x25)	
from 1 to 4	**2004-434**	200 (8x25)	
from 1 to 5	**2004-435**	100 (4x25)	
from 1 to 6	**2004-436**	100 (4x25)	
from 1 to 7	**2004-437**	100 (4x25)	
from 1 to 8	**2004-438**	100 (4x25)	
from 1 to 9	**2004-439**	100 (4x25)	
from 1 to 10	**2004-440**	100 (4x25)	
Double-deck vertical jumper, insulated,			
❺ I_N 24 A			
light gray	**2002-492**	100 (4x25)	
orange	**2002-492/000-012**		
Protective warning marker,			
with high-voltage symbol, black,			
for 5 terminal blocks			
yellow	**2002-115**	100 (4x25)	

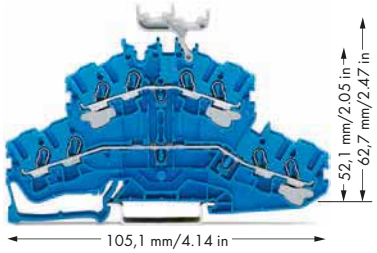
Test plug adapter,		
for 4 mm Ø test plug		
gray	**2009-174**	100 (4x25)
Banana plug,		
for socket 4 mm Ø,		
color mixed		
	215-111	50
WMB Multi marking system,		
10 strips with 10 markers per card,		
stretchable 5 ... 5.2 mm		
plain	**793-5501**	5
WMB Multi marking system, plain,		
10 strips with 10 markers per card,		
stretchable 5 ... 5.2 mm		
yellow	**793-5501/000-002**	
red	**793-5501/000-005**	
blue	**793-5501/000-006**	
gray	**793-5501/000-007**	
orange	**793-5501/000-012**	
light green	**793-5501/000-017**	
green	**793-5501/000-023**	
violet	**793-5501/000-024**	
		5
Marking strip, plain,		
11 mm wide,		
50 m roll		
white	**2009-110**	1

TOPJOB® S
4-Conductor, Double-Deck Terminal Blocks 2.5 (4) mm²
2002 Series

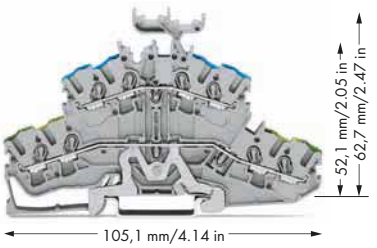
0.25 … 2.5 (4) mm² ❶	AWG 22 … 12		0.25 … 2.5 (4) mm² ❶	AWG 22 … 12		0.25 … 2.5 (4) mm² ❶	AWG 22 … 12	
800 V/8 kV/3 ❷	600 V, 20 A		800 V/8 kV/3 ❷	600 V, 20 A		800 V/8 kV/3 ❷	600 V, 20 A	
I_N 24 A (28 A)	600 V, 20 A		I_N 24 A (28 A)	600 V, 20 A		I_N 24 A (28 A)	600 V, 20 A	
Terminal block width 5.2 mm / 0.205 in.			Terminal block width 5.2 mm / 0.205 in.			Terminal block width 5.2 mm / 0.205 in.		
10 … 12 mm / 0.43 in.❸			10 … 12 mm / 0.43 in.❸			10 … 12 mm / 0.43 in.❸		



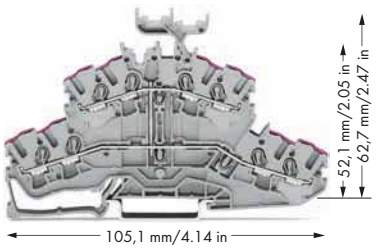
Item No.		Pack. Unit
Through/through terminal block,		
with marker carrier,		
gray housing		
L/L	**2002-2431**	50
N/L	**2002-2432**	50
L/N	**2002-2433**	50
Through/through terminal block,		
without marker carrier,		
gray housing		
L/L	**2002-2401**	50
N/L	**2002-2402**	50
L/N	**2002-2403**	50
Ex Approvals are pending		



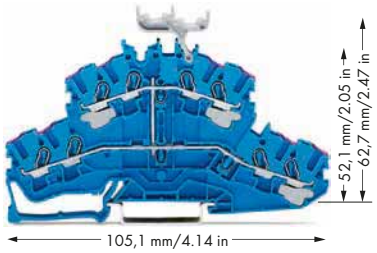
Item No.		Pack. Unit
Through/through terminal block,		
with marker carrier,		
blue housing		
N/N	**2002-2434** ❹	50
Through/through terminal block,		
without marker carrier,		
blue housing		
N/N	**2002-2404** ❹	50



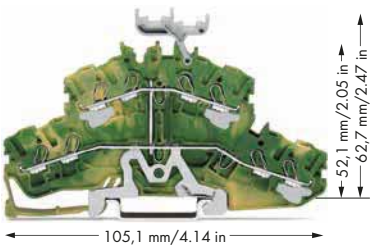
Item No.		Pack. Unit
Ground conductor/through terminal block,		
with marker carrier,		
gray housing		
PE/N	**2002-2447**	50
PE/L	**2002-2457**	50
Ground conductor/through terminal block,		
without marker carrier,		
gray housing		
PE/N	**2002-2417**	50
PE/L	**2002-2427**	50



Item No.		Pack. Unit
8-conductor through terminal block,		
with marker carrier, internal commoning, conductor entry		
position colored in violet,		
gray housing		
L	**2002-2438**	50
8-conductor through terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
gray housing		
L	**2002-2408**	50



Item No.		Pack. Unit
8-conductor through terminal block,		
with marker carrier, internal commoning, conductor entry		
position colored in violet,		
blue housing		
N	**2002-2439** ❹	50
8-conductor through terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
blue housing		
N	**2002-2409** ❹	50

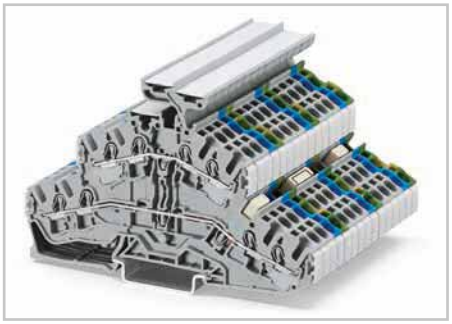


Item No.		Pack. Unit
8-conductor ground terminal block,		
with marker carrier, internal commoning,		
green-yellow housing		
PE	**2002-2437**	50
8-conductor ground terminal block,		
without marker carrier, internal commoning,		
green-yellow housing		
PE	**2002-2407**	50

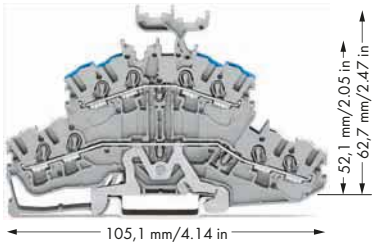
Approvals see www.wago.com

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A (28 A)	600 V, 20 A

Terminal block width 5.2 mm / 0.205 in.
10 ... 12 mm / 0.43 in.❸



Double-deck terminal block assembly



❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications

❺ See application notes for:
Colored push-in type jumper bars, page 163
Vertical jumper, page 167

	Item No.	Pack. Unit
Shield conductor/through terminal block, with marker carrier, gray housing		
Shield/N	**2002-2448**	50
Shield/L	**2002-2458**	50
Shield conductor/through terminal block, without marker carrier, gray housing		
Shield/N	**2002-2418**	50
Shield/L	**2002-2428**	50

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 0.8 mm thick

orange	**2002-2492**	100 (4x25)
gray	**2002-2491**	100 (4x25)

Double-deck marker carrier,

pivoting gray	**2002-121**	50 (2x25)

Insulation stop,

5 pcs/strip, 0.25 ... 0.5 mm², light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip, 0.75 ... 1 mm², dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated, ❺ I_N 25 A, light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated, I_N 25 A, light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Double-deck vertical jumper, insulated, ❺ I_N 24 A

light gray	**2002-492**	100 (4x25)
orange	**2002-492/000-012**	

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

yellow	**2002-115**	100 (4x25)

Test plug adapter,

for 4 mm Ø test plug, gray	**2009-174**	100 (4x25)

Banana plug,

for socket 4 mm Ø, color mixed	**215-111**	50

Testing tap,

for max. 2.5 mm², gray	**2009-182**	100 (4x25)

WMB Multi marking system,

10 strips with 10 markers per card, stretchable 5 ... 5.2 mm, plain	**793-5501**	5

WMB Multi marking system, plain,

10 strips with 10 markers per card, stretchable 5 ... 5.2 mm, yellow	**793-5501/000-002**	
red	**793-5501/000-005**	
blue	**793-5501/000-006**	
gray	**793-5501/000-007**	
orange	**793-5501/000-012**	
light green	**793-5501/000-017**	
green	**793-5501/000-023**	
violet	**793-5501/000-024**	
		5

WMB Inline, plain,

stretchable 5 ... 5.2 mm, 1,500 WMB markers, 5 mm, on roll, white	**2009-115**	1

Marking strip, plain,

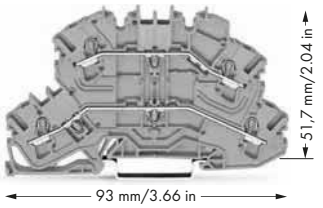
11 mm wide, 50 m roll, white	**2009-110**	1

TOPJOB® S group marker carrier,

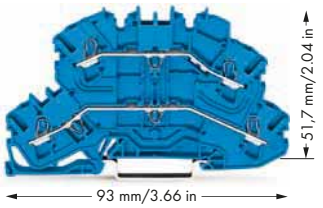
snap-on type for jumper slot, 5 mm wide, gray	**2009-191**	50 (2x25)

TOPJOB® S
Double-Deck Terminal Blocks 2.5 (4) mm²
2002 Series

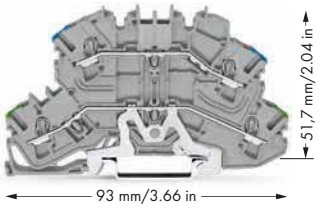
0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12	
500 V/6 kV/3 ❷	300 V, 20 A	
I_N 24 A (28 A)		
Terminal block width 5.2 mm / 0.205 in		
10 ... 12 mm / 0.43 in ❸		



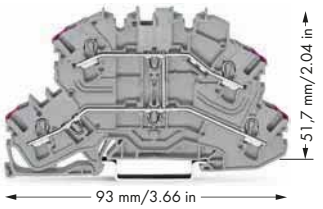
Item No.		Pack. Unit
Through/through terminal block,		
same profile as double-deck disconnect terminal block		
without marker carrier,		
gray housing		
L/L	**2002-2601**	50
N/L	**2002-2602**	50
L/N	**2002-2603**	50
Other terminal blocks with the same profile:		
Carrier	**2002-2661**	Page 44
Disconnect	**2002-2671**	Page 44
Fuse	**2002-2611**	Page 45



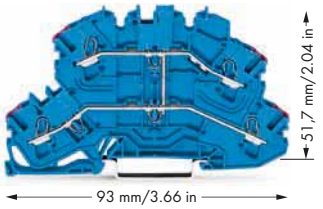
Item No.		Pack. Unit
Through/through terminal block,		
same profile as double-deck disconnect terminal block		
without marker carrier,		
blue housing		
N/N	**2002-2604** ❹	50



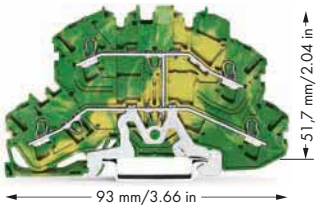
Item No.		Pack. Unit
Ground conductor/through terminal block,		
same profile as double-deck disconnect terminal block		
without marker carrier,		
gray housing		
PE/N	**2002-2647**	50
PE/L	**2002-2657**	50



Item No.		Pack. Unit
4-conductor through terminal block,		
same profile as double-deck disconnect terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
gray housing		
L	**2002-2608**	50

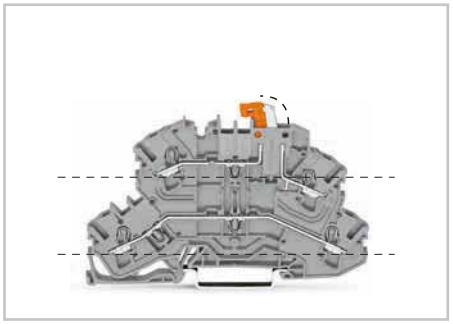


Item No.		Pack. Unit
4-conductor through terminal block,		
same profile as double-deck disconnect terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
blue housing		
N	**2002-2609** ❹	50



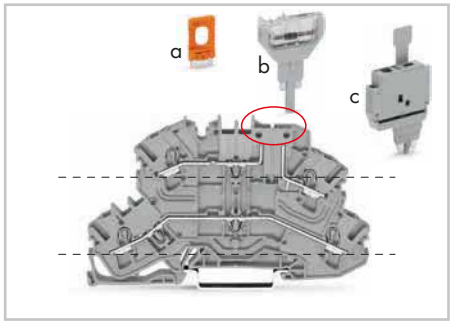
Item No.		Pack. Unit
Through/through terminal block,		
same profile as double-deck disconnect terminal block		
without marker carrier, internal commoning,		
green-yellow housing		
PE	**2002-2607**	50

Approvals see www.wago.com



Multifunctional terminal blocks:
The double-deck disconnect terminal block with movable knife disconnect (2002-2671) can be used as through terminal block on the lower deck and as disconnect terminal block on the upper deck.

Besides disconnection and measurement, the **2002-2667 double-deck carrier terminal block** also provides ground conductor functionality.



The associated **carrier terminal block (2002-2661)** has the same design as the disconnect terminal block. However, disconnect plugs (a: 2002-401), pluggable diode (b: 2002-800/1000-411) and LED modules (not shown here, 2002-800/1000-541) or fuse plugs (c: 2004-911) can alternatively be used here.

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

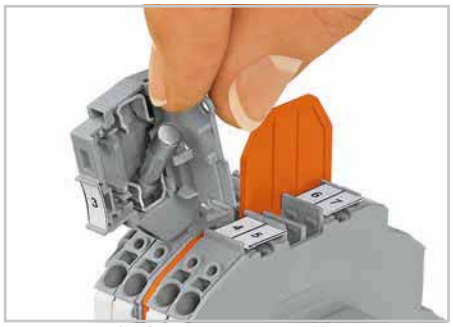
❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

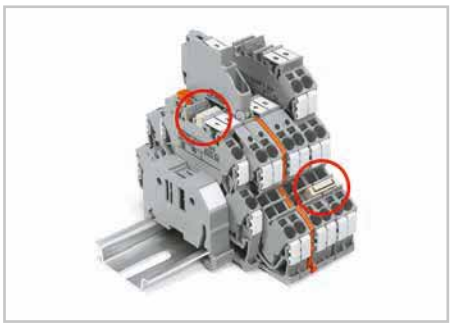
❹ Suitable for Ex i applications

❺ See application notes for:
Colored push-in type jumper bars, page 163
Vertical jumper, page 167

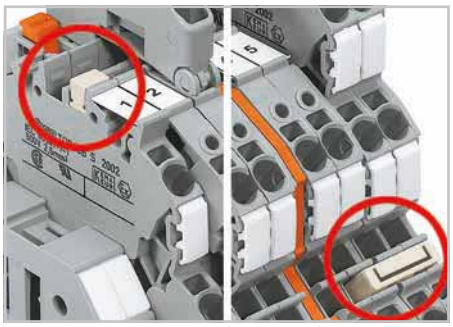
The **double-deck fuse disconnect terminal block with pivoting fuse holder (2002-2611, gray)** is compatible with disconnect, carrier, through and ground conductor terminal blocks. The fuse holder is also available with a blown fuse LED indicator.
(e.g., 2002-2611/1000-541 for 12–30 V)



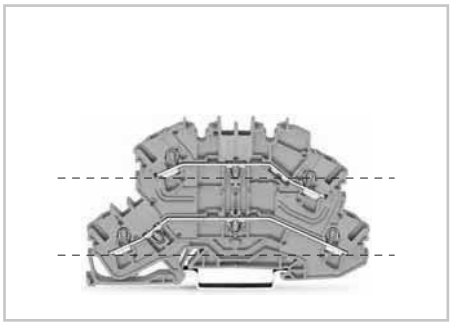
An **end plate for fuse terminal blocks (shown in orange, 2002-1092)** is used for additional protection, preventing the fuse shaft from being opened. The fuse cannot be replaced until disconnecting the fuse holder from the power supply.



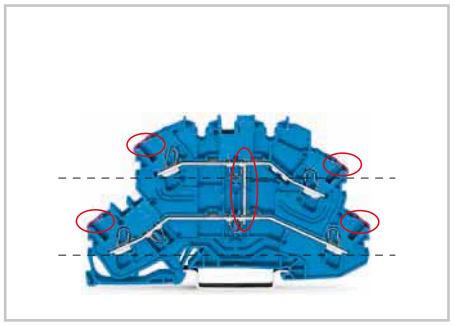
Same profile allows for commoning with TOPJOB® S double-deck terminal blocks (upper deck) and with triple-deck terminal blocks (lower deck).



Left picture – Vertical jumper **(2002-492)**
Right picture – Push-in type jumper bar for 2002 Series



The **through terminal block (2002-2601)** features two independent current bars on both lower and upper deck, sharing the same profile as the disconnect terminal block. Commoning is also possible for these terminal blocks using the double-deck vertical jumper (2002-492).



The **4-conductor through terminal block (2002-2609)** with internal commoning can be immediately identified via violet-colored conductor entry.

2002 Series Accessories

Appropriate marking systems: WMB/ WMB Inline/Marking strips

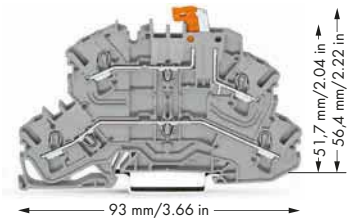
End and intermediate plate,			
	1 mm thick		
	orange	**2002-2692**	100 (4x25)
	gray	**2002-2691**	100 (4x25)
Double-deck marker carrier,			
	pivoting		
	gray	**2002-121**	50 (2x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 ... 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
❺	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Double-deck vertical jumper, insulated,			
❺	I_N 24 A		
	light gray	**2002-492**	100 (4x25)
	orange	**2002-492/000-012**	
Adjacent jumper for continuous commoning, insulated,			
	I_N 25 A,		
	light gray		
	2-way	**2002-400**	100 (4x25)

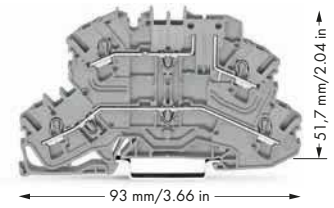
TOPJOB® S
Double-Deck Disconnect Terminal Blocks and Carrier Terminal Blocks 2.5 (4) mm², 2002 Series

PUSH-IN CAGE CLAMP®

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
400 V/6 kV/3 ❷	300 V, 20 A
I_N 16 A	
Terminal block width 5.2 mm / 0.205 in	
10 ... 12 mm / 0.43 in ❸	

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
400 V/6 kV/3 ❷	300 V, 20 A
I_N 16 A	
Terminal block width 5.2 mm / 0.205 in	
10 ... 12 mm / 0.43 in ❸	





❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

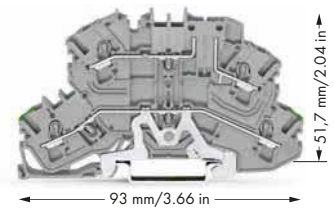
❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for:
Colored push-in type jumper bars, page 163
Vertical jumper, page 167

	Item No.	Pack. Unit
Double-deck disconnect terminal block,		
with movable knife disconnect,		
gray housing		
L/L	**2002-2671**	50
N/L	**2002-2672**	50

	Item No.	Pack. Unit
Double-deck carrier terminal block,		
upper deck carrier,		
gray housing		
L/L	**2002-2661**	50
N/L	**2002-2662**	50



	Item No.	Pack. Unit
Double-deck carrier terminal block,		
upper deck carrier,		
gray housing		
PE/L	**2002-2667**	50

2002 Series Accessories

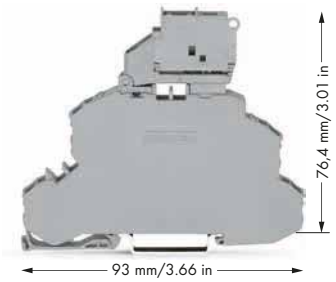
Appropriate marking systems: WMB/ WMB Inline/Marking strips

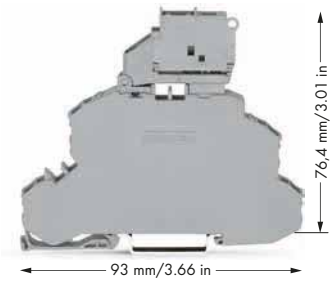
End and intermediate plate,			
	1 mm thick		
	orange	**2002-2692**	100 (4x25)
	gray	**2002-2691**	100 (4x25)
Double-deck marker carrier,			
	pivoting		
	gray	**2002-121**	50 (2x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 ... 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
❹ 	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Double-deck vertical jumper, insulated,			
❹ 	I_N 24 A		
	light gray	**2002-492**	100 (4x25)
	orange	**2002-492/000-012**	
Adjacent jumper for continuous commoning, insulated,			
	I_N 25 A,		
	light gray		
	2-way	**2002-400**	100 (4x25)

Approvals see www.wago.com

TOPJOB® S
Double-Deck Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder 2.5 (4) mm², 2002 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 250 V/6 kV/3 ❷ | 300 V, 6.3 A I_N 6.3 A Terminal block width 6.2 mm / 0.244 in 10 … 12 mm / 0.43 in ❸	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 250 V/6 kV/3 ❷ | 30 V, 6.3 A I_N 6.3 A Terminal block width 6.2 mm / 0.244 in 10 … 12 mm / 0.43 in ❸





❶ Conductor sizes: 0.25 mm² … 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² … 4 mm² "s" and 0.75 mm² … 2.5 mm² "insulated ferrule, 12 mm"

❷ 250 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

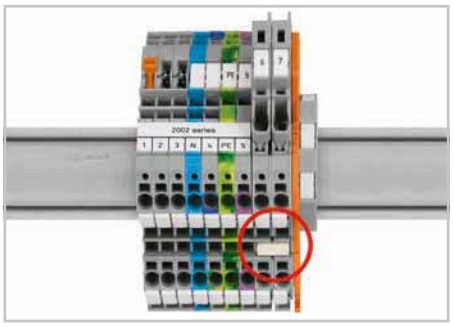
❹ See application notes for:
Vertical jumper, page 167

❺ Protective warning marker and insulation stop must be applied individually.

❻ Due to the 6.2 mm width of fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.

	Item No.	Pack. Unit
Double-deck fuse disconnect terminal block with pivoting fuse holder, Through/fuse terminal block, for miniature fuses 5 x 20 mm, without blown fuse indication. Nominal voltage and current are given by the fuse.		
L/L	**2002-2611**	25
N/L	**2002-2612**	25

	Item No.	Pack. Unit
Double-deck fuse disconnect terminal block with pivoting fuse holder, Through/fuse terminal block, for miniature fuses 5 x 20 mm, with blown fuse indication by LED, gray. Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
12 … 30 V	**2002-2611/1000-541**	25
30 … 65 V	**2002-2611/1000-542**	25
230 V	**2002-2611/1000-836**	25



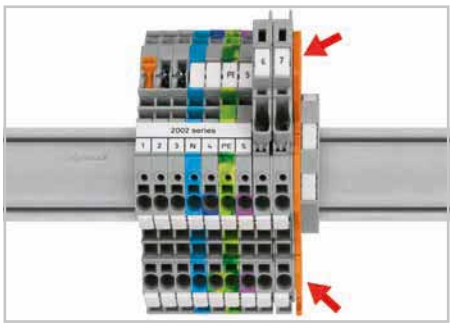
A spacer plate is supplied with all 6.2 mm wide fuse terminal blocks.
Due to the 6.2 mm width of fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

		Item No.	Pack. Unit
End and intermediate plate, 1 mm thick	orange	**2002-2692**	100 (4x25)
	gray	**2002-2691**	100 (4x25)
Push-in type jumper bar, insulated, ❹ ❻ I_N 32 A, light gray	2-way	**2004-402**	200 (8x25)
	3-way	**2004-403**	200 (8x25)
	4-way	**2004-404**	100 (4x25)
	5-way	**2004-405**	100 (4x25)
	6-way	**2004-406**	100 (4x25)
	7-way	**2004-407**	100 (4x25)
	8-way	**2004-408**	100 (4x25)
	9-way	**2004-409**	100 (4x25)
	10-way	**2004-410**	100 (4x25)
Push-in type jumper bar, insulated, I_N 32 A, light gray	from 1 to 3	**2004-433**	200 (8x25)
	from 1 to 4	**2004-434**	200 (8x25)
	from 1 to 5	**2004-435**	100 (4x25)
	from 1 to 6	**2004-436**	100 (4x25)
	from 1 to 7	**2004-437**	100 (4x25)
	from 1 to 8	**2004-438**	100 (4x25)
	from 1 to 9	**2004-439**	100 (4x25)
	from 1 to 10	**2004-440**	100 (4x25)
Double-deck vertical jumper, insulated, ❹ I_N 24 A	light gray	**2002-492**	100 (4x25)
	orange	**2002-492/000-012**	

		Item No.	Pack. Unit
End plate for fuse terminal blocks, 2 mm thick	orange	**2002-1092**	100 (4x25)
	gray	**2002-1091**	100 (4x25)
Insulation stop, ❺ 5 pcs/strip, 0.25 … 0.5 mm²	light gray	**2002-171**	200 (8x25)
Insulation stop, 5 pcs/strip, 0.75 … 1 mm²	dark gray	**2002-172**	200 (8x25)
Protective warning marker, ❺ with high-voltage symbol, black, for 5 terminal blocks	yellow	**2002-115**	100 (4x25)
Test plug, with 500 mm cable, 2 mm Ø	red	**210-136**	50
Test plug, with 500 mm cable, 2.3 mm Ø	yellow	**210-137**	50
Marking strip, plain, 11 mm wide, 50 m roll	white	**2009-110**	1

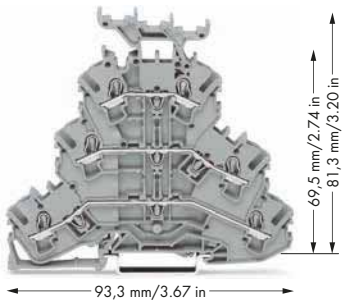


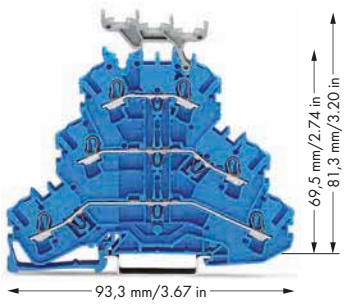
Additionally, an end plate for fuse terminal blocks (e.g., 2002-1092, orange) must be used at the end of an assembly or if there is **no** adjacent fuse terminal block.

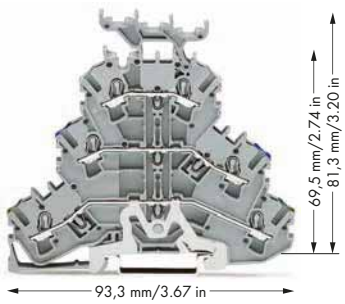
Approvals see www.wago.com

TOPJOB® S
Triple-Deck Terminal Blocks 2.5 (4) mm²
2002 Series

0.25 … 2.5 (4) mm² ❶	AWG 22 … 12	0.25 … 2.5 (4) mm² ❶	AWG 22 … 12	0.25 … 2.5 (4) mm² ❶	AWG 22 … 12
500 V/6 kV/3 ❷	600 V, 20 A	500 V/6 kV/3 ❷	600 V, 20 A	500 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (28 A)	600 V, 20 A	I_N 24 A (28 A)	600 V, 20 A	I_N 24 A (28 A)	600 V, 20 A
Terminal block width 5.2 mm / 0.205 in.		Terminal block width 5.2 mm / 0.205 in.		Terminal block width 5.2 mm / 0.205 in.	
10 … 12 mm / 0.43 in.❸		10 … 12 mm / 0.43 in.❸		10 … 12 mm / 0.43 in.❸	



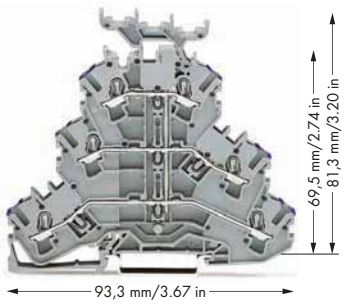


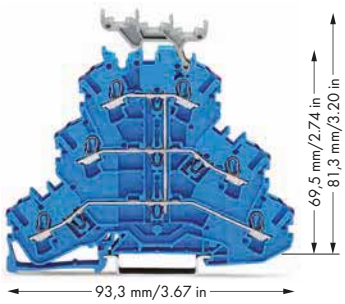


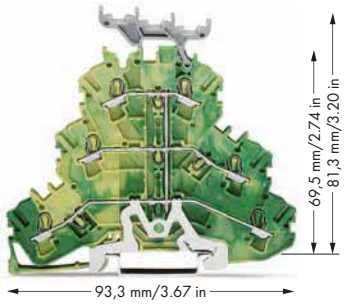
	Item No.	Pack. Unit
Through/through/through terminal block,		
with marker carrier,		
gray housing		
L/L/L	**2002-3231** ❺	50
L/L/N	**2002-3233** ❺	50
Through/through/through terminal block,		
without marker carrier,		
gray housing		
L/L/L	**2002-3201** ❺	50
L/L/N	**2002-3203** ❺	50
Other terminal blocks with the same profile:		
Diode	**2002-3211/1000-410** Page 100	
LED	**2002-3221/1000-434** Page 100	

	Item No.	Pack. Unit
Through/through/through terminal block,		
with marker carrier,		
blue housing		
N/N/N	**2002-3234** ❹ ❺	50
Through/through/through terminal block,		
without marker carrier,		
blue housing		
N/N/N	**2002-3204** ❹ ❺	50

	Item No.	Pack. Unit
Ground conductor/through/through terminal block,		
with marker carrier,		
gray housing		
PE/N/L	**2002-3247** ❺	50
PE/L/L	**2002-3257** ❺	50
Ground conductor/through/through terminal block,		
without marker carrier,		
gray housing		
PE/N/L	**2002-3217** ❺	50
PE/L/L	**2002-3227** ❺	50







	Item No.	Pack. Unit
6-conductor through terminal block,		
with marker carrier, internal commoning, conductor entry		
position colored in violet,		
gray housing		
L	**2002-3238** ❺	50
6-conductor through terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
gray housing		
L	**2002-3208** ❺	50

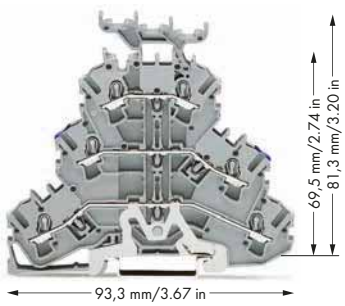
	Item No.	Pack. Unit
6-conductor through terminal block,		
with marker carrier, internal commoning, conductor entry		
position colored in violet,		
blue housing		
N	**2002-3239** ❹ ❺	50
6-conductor through terminal block,		
without marker carrier, internal commoning, conductor		
entry position colored in violet,		
blue housing		
N	**2002-3209** ❹ ❺	50

	Item No.	Pack. Unit
6-conductor ground terminal block,		
with marker carrier, internal commoning,		
green-yellow housing		
PE	**2002-3237** ❺	50
6-conductor ground terminal block,		
without marker carrier, internal commoning,		
green-yellow housing		
PE	**2002-3207** ❺	50

Approvals see www.wago.com

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
500 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (28 A)	600 V, 20 A

Terminal block width 5.2 mm / 0.205 in.
10 ... 12 mm / 0.43 in.❸



❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex i applications

❺ Suitable for Ex e II applications
440 V, 19 A
Jumper 17 A
(see Full Line Catalog, Volume 1, Section 14)

❻ See application notes for:
Colored push-in type jumper bars, page 163
Vertical jumper, page 167

	Item No.	Pack. Unit
Shield/through/through terminal block,		
with marker carrier,		
gray housing		
Shield/N/L	**2002-3248**	50
Shield/L/L	**2002-3258**	50
Shield/through/through terminal block,		
without marker carrier,		
gray housing		
Shield/N/L	**2002-3218**	50
Shield/L/L	**2002-3228**	50

Triple-deck terminal block assembly

Combination of multilevel terminal blocks

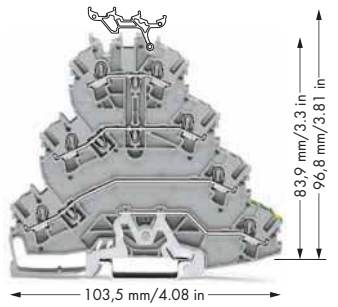
2002 Series Accessories

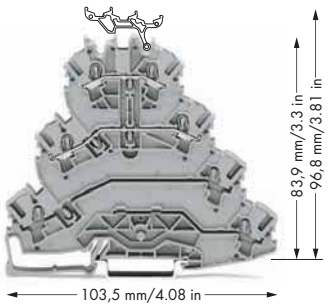
Appropriate marking systems: WMB/ WMB Inline/Marking strips

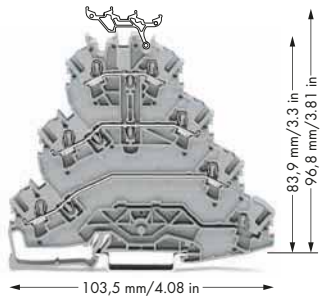
End and intermediate plate, 0.8 mm thick			
	orange	**2002-3292**	100 (4x25)
	gray	**2002-3291**	100 (4x25)
Triple-deck marker carrier,			
	pivoting		
	gray	**2002-131**	50 (2x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 ... 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
❻ 	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Triple-deck vertical jumper, insulated,			
❻	I_N 24 A		
	light gray	**2002-493**	100 (4x25)
Double-deck vertical jumper, insulated,			
❻	I_N 24 A		
	light gray	**2002-492**	100 (4x25)
	orange	**2002-492/000-012**	

TOPJOB® S
Quadruple-Deck, Rail-Mounted Terminal Blocks or Rail-Mounted Terminal Blocks for Wiring of Electric Motors, 2002 Series

0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 800 V/8 kV/3 ❷ I_N 20 A (25 A) Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❸	0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 800 V/8 kV/3 ❷ I_N 20 A (25 A) Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❸	0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 800 V/8 kV/3 ❷ I_N 20 A (25 A) Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❸







Item No.		Pack. Unit
Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, without marker carrier, gray		
◯ L1 - L2 - L3 - PE	**2002-4127**	25
Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, with marker carrier, gray		
◯ L1 - L2 - L3 - PE	**2002-4157**	25

Item No.		Pack. Unit
Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, without marker carrier, gray		
◯ L1 - L2	**2002-4111**	25
Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, with marker carrier, gray		
◯ L1 - L2	**2002-4141**	25

Item No.		Pack. Unit
Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, without marker carrier, gray		
◯ L1 - L2 - L3	**2002-4101**	25
Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, with marker carrier, gray		
◯ L1 - L2 - L3	**2002-4131**	25

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick

orange	**2002-4192**	100 (4x25)
gray	**2002-4191**	100 (4x25)

Insulation stop,

5 pcs/strip, 0.25 ... 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip, 0.75 ... 1 mm²

dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated, ❹

I_N 25 A, light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Star point jumper, insulated, ❹

I_N = I_N terminal block, light gray

1-3-5	**2002-405/011-000**	100 (4x25)

Delta jumper, insulated, ❹

I_N = I_N terminal block, light gray

1-2 3-4 5-6	**2002-406/020-000**	100 (4x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

Lockout cap,

for conductor entry hole and operating slot

orange	**2002-192**	25
gray	**2002-191**	25
blue	**2002-194**	25

Push-in type jumper bar, insulated,

I_N 25 A, light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Adjacent jumper for continuous commoning, insulated, ❹

I_N 25 A, light gray

2-way	**2002-400**	100 (4x25)

Triple-deck marker carrier,

pivoting

gray	**2002-131**	50 (2x25)

Staggered jumper, ❹

insulated, I_N 25 A, light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Push-in type wire jumper, ❹

insulated, I_N 18 A, wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

WMB Inline, plain,

stretchable 5 ... 5.2 mm, 1,500 WMB markers, 5 mm, on roll

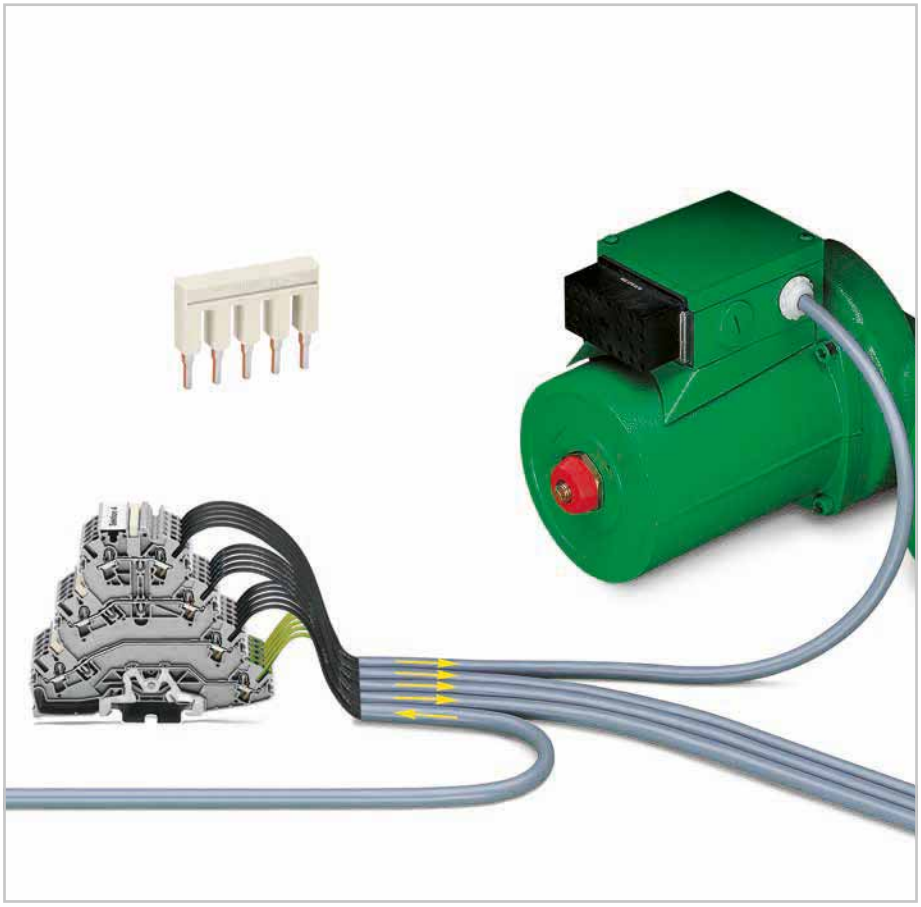
white	**2009-115**	1

Marking strip, plain,

11 mm wide, 50 m roll

white	**2009-110**	1

Approvals see www.wago.com



In addition to rail-mounted terminal blocks for electric motor wiring, new versions are now available.
- Terminal block **without** ground contact and only 2 potentials.

Especially for additional functions such as engine brakes or temperature probes. Having the same shape, this type can be put next to the appropriate terminal block for electric motor wiring without using intermediate plates.
That makes the rail assembly clearer and wiring is easier. This also prevents wiring errors as no conductor entry is unused.
- Terminal block **without** ground contact and with only 3 potentials.

Clearly designated clamping units is the primary advantage to this terminal block design. When using devices with protective insulation for example, there are no open ground clamping units that could create confusion.

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st";
Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm²
"insulated ferrule, 12 mm"

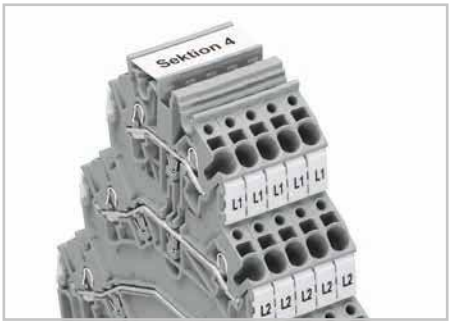
❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Delta jumper, page 165
Star point jumper, page 165
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164
TOPJOB® S connector, page 158
TOPJOB® S L-type test plug module, page 162
Marker carrier, page 179

Lockout cap for conductor entry hole and operating slot
Locking out conductor entry holes and operating slots to create spacer housings for rail-mounted terminal blocks for electric motor wiring.

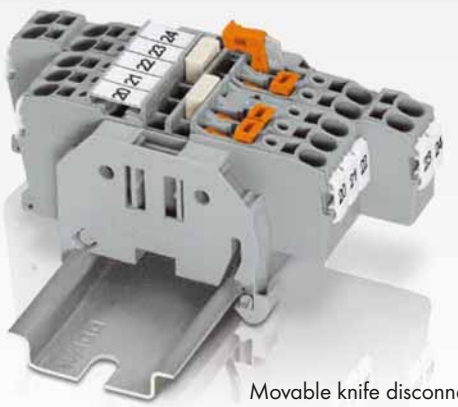
Compact design:
3 phases and ground conductor in one terminal block.



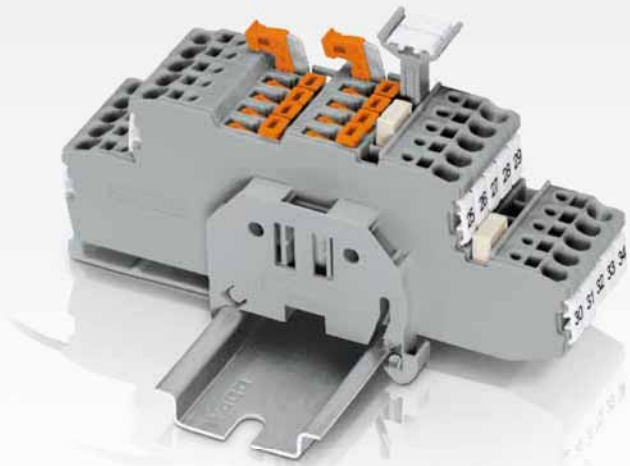
Marking clamping units with WMB Multi marking system.
Group marking with marking strips.

FUNCTION TERMINAL BLOCKS

Disconnection – Fuse Protection

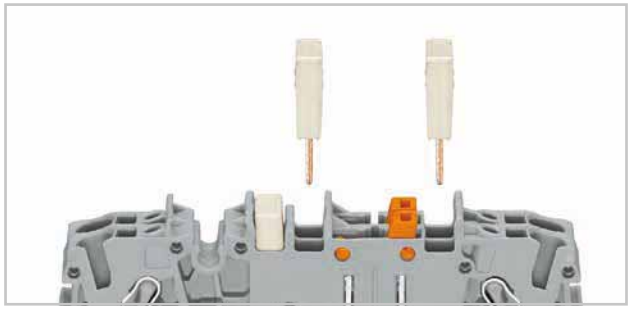


Movable knife disconnects clearly indicate the circuit state.



2-, 3- and 4-Conductor Disconnect Terminal Blocks

- Feature three alternative disconnect options: via movable knife disconnect and additional mechanical interlock or via disconnect plug
- The same shape as corresponding through terminal blocks maintain uniformity and provide a clear overview



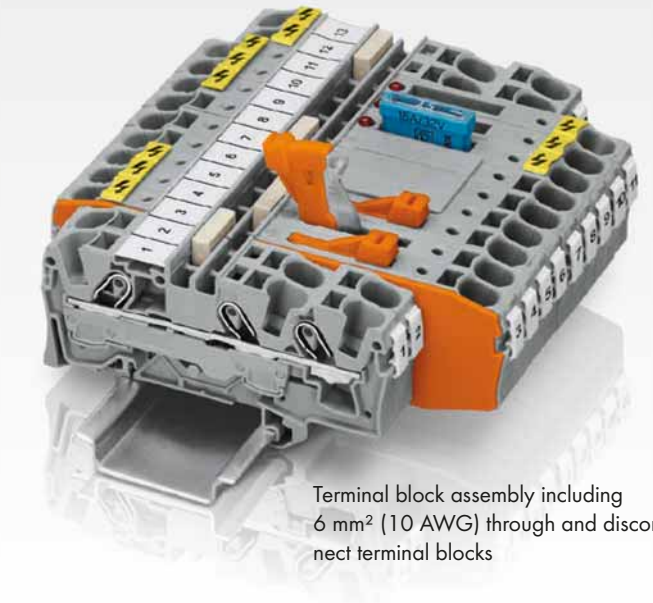
An additional jumper slot is located behind the knife disconnect: Commoning options in front of or behind the knife disconnect, depending on the power supply direction.

Double-Deck, Double-Disconnect Terminal Blocks

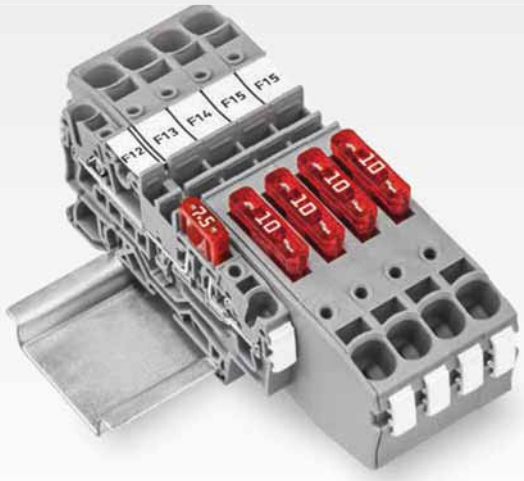
- Two potential-free disconnect terminal blocks are housed on two levels
- Saves space without compromising usability
- The knife disconnects are located between the conductors, always making them visible to the operator

Pivoting marker carriers provide an additional marking location.

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



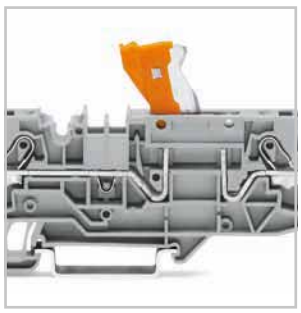
Terminal block assembly including 6 mm² (10 AWG) through and disconnect terminal blocks

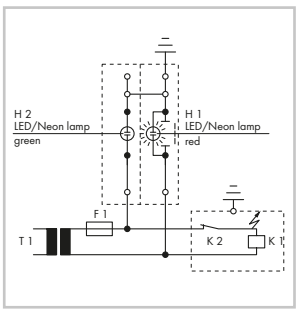


Fuse terminal blocks for DIN 72581-3f blade-style fuses

Disconnect/Ground Conductor Disconnect Terminal Blocks

- Perfect for high-voltage or renewable energy applications
- Ground conductor disconnect terminal blocks provide service-friendly testing for potential ground faults
- Available for conductors ranging in size from 0.5 mm² ... 10 mm² (20 ... 8 AWG)



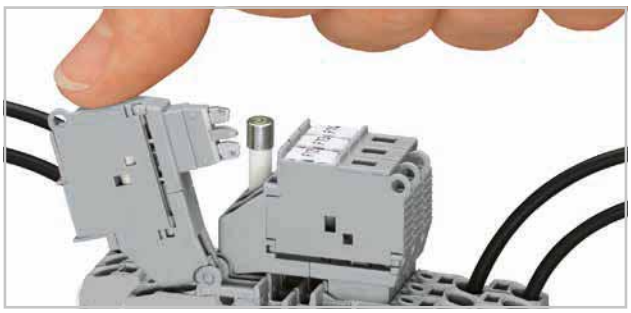


Test position – grounding: slide link open, auxiliary circuit not grounded, red LED/neon lamp lights

Ground conductor disconnect terminal block – top view

Fuse Terminal Blocks

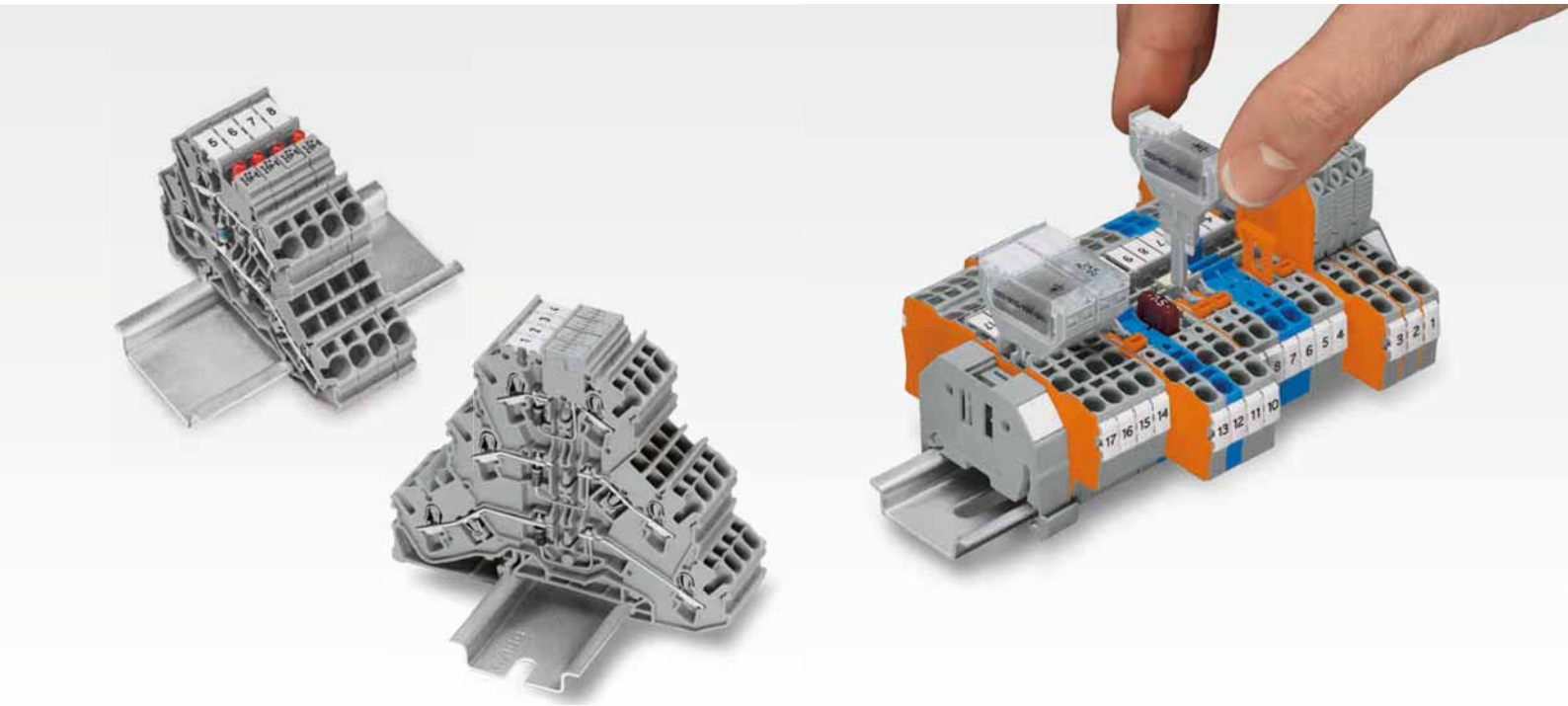
- Protect electrical circuits against short-circuiting
- Suitable for miniature metric fuses or blade-style fuses
- Can be assembled into strips and easily replaced if required



Pivoting the fuse holder open to the locked position.
Fuse terminal blocks for miniature metric fuses rated at 2.5 mm² (12 AWG) and 6 mm² (8 AWG)

FUNCTION TERMINAL BLOCKS

Integrated or Pluggable Diodes



Double-Deck and Triple-Deck Diode Terminal Blocks

- Ideal for custom diode circuits, such as lamp test and collective fault signal circuits
- LED terminal blocks enable monitoring units to be designed (e.g., control and operating circuits)
- Push-in type jumper bars permit custom circuit design

Pluggable Diode and LED Modules

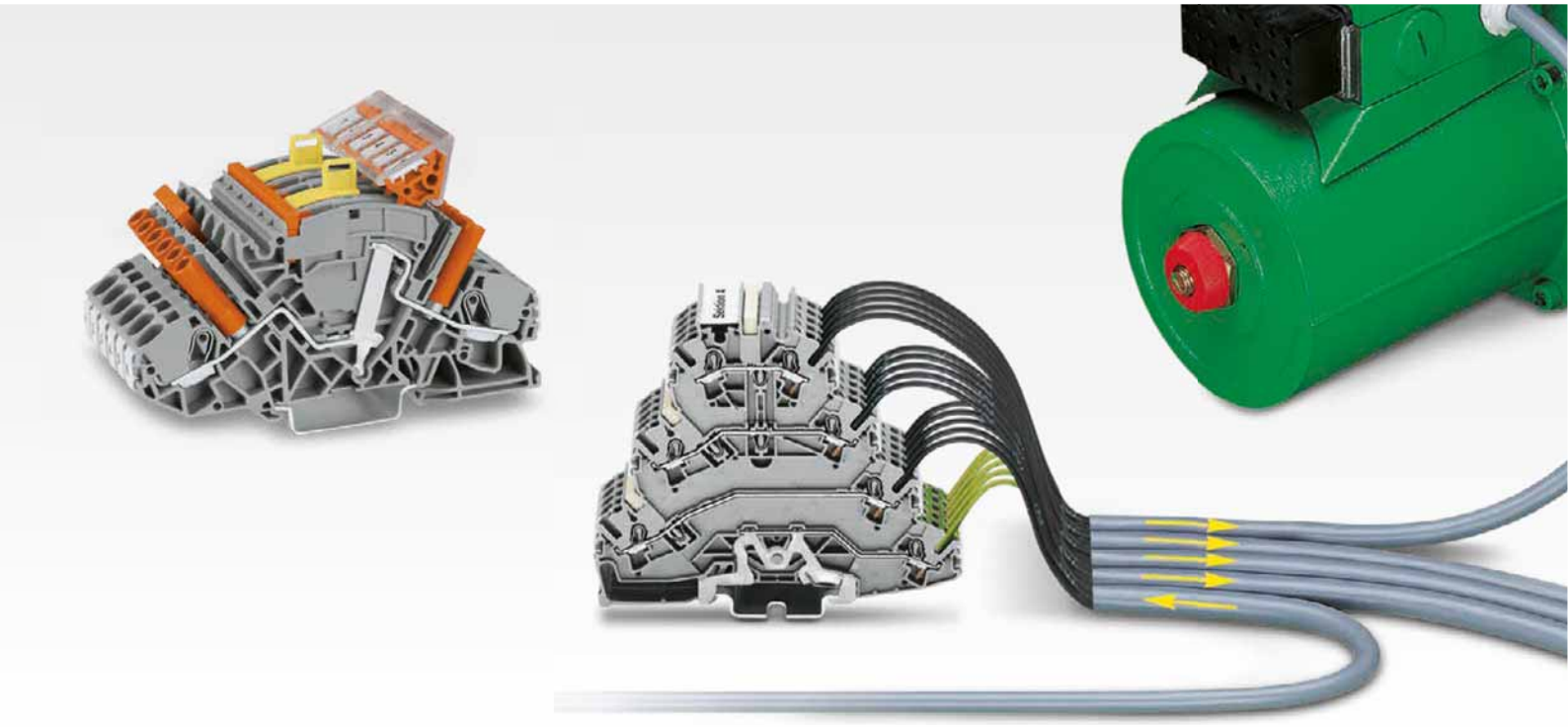
- Component plugs can either be pre-assembled, or the components (e.g., diodes, resistors) can be assembled by the user via solder-free connection
- Available in 5.2 mm or 10.4 mm width for carrier terminal blocks or for use in a jumper slot

LED terminal blocks with a red LED

Marking via WMB Multi markers and marking strips

Test option available

Current Transformer and Electric Motor Wiring Terminal Blocks



Current Transformer Terminal Blocks

- Safe, automatic short-circuiting
- Easily test current transformer circuits
- Intuitive orange disconnect links simplify operation
- Directly identify the circuit state via an open, touch-proof design
- Can be clearly labeled

Rail-Mounted Terminal Blocks for Electric Motor Wiring

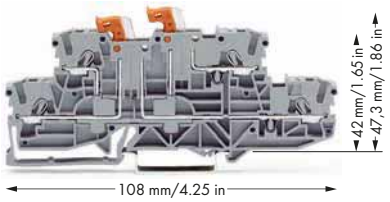
- Quadruple-deck, rail-mounted terminal blocks for electric motor wiring
- Three phases and one ground conductor in a single terminal block
- Specialty versions featuring two or three potentials without a ground contact are also available

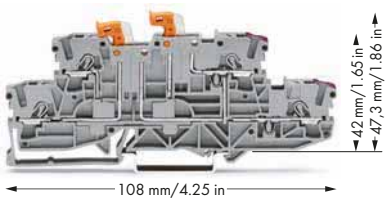
Additional commoning option on the transformer side

Identify clamping units via WMB markers and groups via marking strips.

TOPJOB® S
Double-Deck Disconnect Terminal Blocks for Test and Measurement
2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12	0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12	0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
400 V/6 kV/3 ❷	300 V, 15 A	400 V/6 kV/3 ❷	300 V, 15 A	400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A	I_N 16 A	300 V, 15 A	I_N 16 A	300 V, 15 A
Terminal block width 5.2 mm / 0.205 in.		Terminal block width 5.2 mm / 0.205 in.		Terminal block width 5.2 mm / 0.205 in.	
10 ... 12 mm / 0.43 in.❸		10 ... 12 mm / 0.43 in.❸		10 ... 12 mm / 0.43 in.❸	





Item No.		Pack. Unit
Double-deck, double-disconnect terminal block, with 2 pivoting knife disconnects, gray housing		
L/L	**2002-2951**	50
N/L	**2002-2952**	50
Double-deck, double-disconnect terminal block, with 2 pivoting knife disconnects, blue housing		
N/N	**2002-2954**	50

Item No.		Pack. Unit
Double-deck, double-disconnect terminal block, with 2 pivoting knife disconnects, lower and upper decks internally commoned on right side and with violet marking, gray housing		
L/L	**2002-2958**	50
Double-deck, double-disconnect terminal block, with 2 pivoting knife disconnects, lower and upper decks internally commoned on right side and with violet marking, blue housing		
N/N	**2002-2959**	50

Item No.		Pack. Unit
Double-deck disconnect terminal block, with pivoting knife disconnect, same profile as double-deck, double-disconnect terminal block, gray housing		
L/L	**2002-2971**	50
N/L	**2002-2972**	50
Double-deck disconnect terminal block, with pivoting knife disconnect, same profile as double-deck, double-disconnect terminal block, blue housing		
N/N	**2002-2974**	50

2002 Series Accessories

Appropriate marking systems: WMB/Marking strips

End and intermediate plate, 1 mm thick

orange	**2002-2992**	100 (4x25)
gray	**2002-2991**	100 (4x25)

Insulation stop,

5 pcs/strip, 0.25 ... 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip, 0.75 ... 1 mm²

dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated,

❹ 

I_N 25 A, light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type wire jumper,

❹ 

insulated, I_N 18 A, wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Push-in type jumper bar, insulated,

I_N 25 A, light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Staggered jumper,

❹ 

insulated, I_N 25 A, light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Adjacent jumper for continuous commoning, insulated,

❹

I_N 25 A, light gray

2-way	**2002-400**	100 (4x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

Modular TOPJOB® S connector,

❹ 

can be snapped together, for jumper contact slot

gray	**2002-511**	100 (4x25)

Spacer module, can be snapped together,

e.g., for bridging commoned terminal blocks

gray	**2002-549**	100 (4x25)

End plate,

for modular TOPJOB® S connectors, 1.5 mm thick

gray	**2002-541**	100 (4x25)

Test plug,

with 500 mm cable, 2 mm Ø

red	**210-136**	50

Test plug adapter,

for 4 mm Ø test plug

gray	**2009-174**	100 (4x25)

Testing tap,

for max. 2.5 mm²

gray	**2009-182**	100 (4x25)

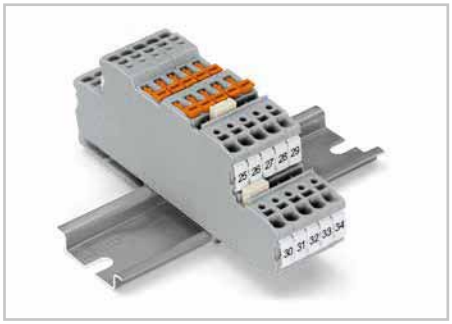
Banana plug,

for socket 4 mm Ø, color mixed

	215-111	50

Approvals see www.wago.com

Double-Deck Disconnect Terminal Blocks with Pivoting Knife Disconnect



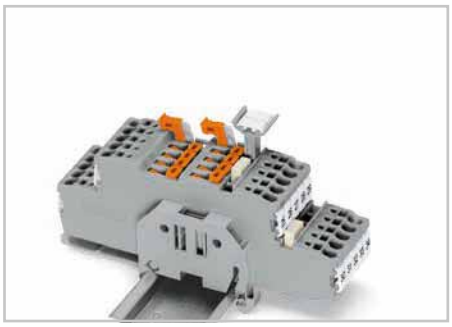
Terminal block assembly

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

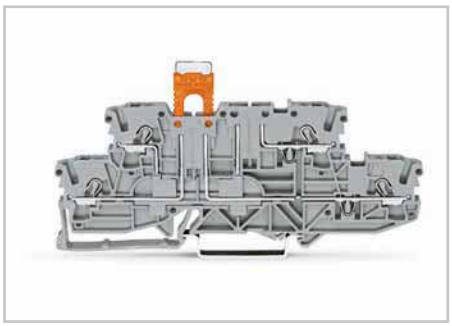
❷ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

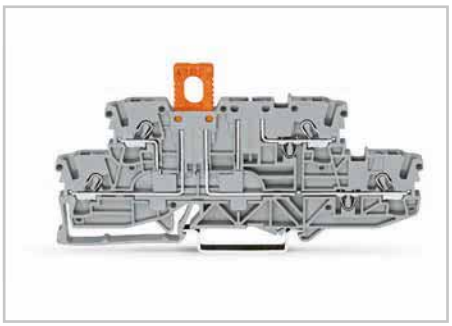
❹ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Delta jumper, page 165
Star point jumper, page 165
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164
TOPJOB® S connector, page 158
TOPJOB® S L-type test plug module, page 162



Group marker carrier accommodated in jumper contact slot.



Carrier terminal block (2002-2941) with disconnect plug (2002-401) in parked position.



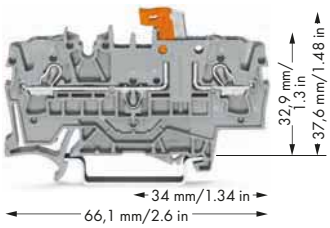
Carrier terminal block (2002-2941) with disconnect plug (2002-401) in operating position.

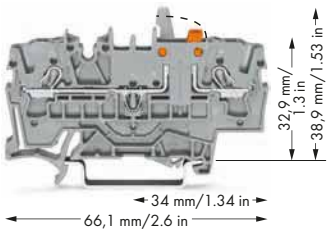
Accessories

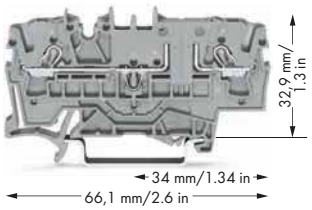
WMB Multi marking system,			
	10 strips with 10 markers per card, stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5
WMB Multi marking system, plain,			
	10 strips with 10 markers per card, stretchable 5 ... 5.2 mm		
	yellow	**793-5501/000-002**	
	red	**793-5501/000-005**	
	blue	**793-5501/000-006**	
	gray	**793-5501/000-007**	
	orange	**793-5501/000-012**	
	light green	**793-5501/000-017**	
	green	**793-5501/000-023**	
	violet	**793-5501/000-024**	
			5
WMB Inline, plain,			
	stretchable 5 ... 5.2 mm, 1,500 WMB markers, 5 mm, on roll		
	white	**2009-115**	1
TOPJOB® S group marker carrier,			
	snap-on type for jumper slot, 5 mm wide		
	gray	**2009-191**	50 (2x25)
Screwless end stop,			
	for DIN 35 rail, 6 mm wide		
	gray	**249-116**	100 (4x25)
Screwless end stop,			
	for DIN 35 rail, 10 mm wide		
	gray	**249-117**	50 (2x25)

TOPJOB® S
Disconnect Terminal Blocks for Test and Measurement, Through Terminal Blocks of Same Profile 2.5 (4) mm², 2002 Series

0.25 … 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 16 A	AWG 22 … 12 300 V, 15 A 300 V, 10 A	0.25 … 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 16 A	AWG 22 … 12 300 V, 15 A 300 V, 10 A	0.25 … 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 16 A	AWG 22 … 12 300 V, 15 A 300 V, 10 A
Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❸		Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❸		Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❸	







	Item No.	Pack. Unit
2-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link		
gray	**2002-1671**	50
blue	**2002-1674**	50
orange	**2002-1672**	50

	Item No.	Pack. Unit
2-conductor disconnect terminal block for test and measurement with mechanical interlock, with test point, orange disconnect link		
gray	**2002-1671/401-000**	50
blue	**2002-1674/401-000**	50
orange	**2002-1672/401-000**	50

	Item No.	Pack. Unit
2-conductor through terminal block, with test point, same profile as 2-conductor disconnect terminal block		
gray	**2002-1601**	50
blue	**2002-1604**	50
orange	**2002-1602**	50
Other terminal blocks with the same profile:		
Carrier	**2002-1661**	Page 88
Fuse	**2002-1681**	Page 62

2002 Series Accessories

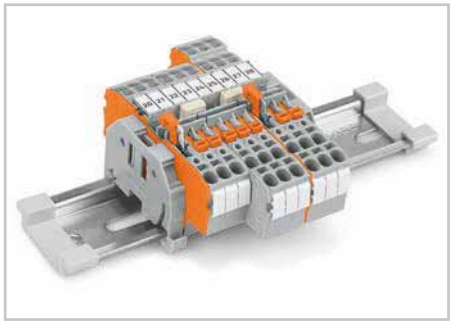
Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick			
	orange	**2002-1692**	100 (4x25)
	gray	**2002-1691**	100 (4x25)
Insulation stop,			
	5 pcs/strip, 0.25 … 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip, 0.75 … 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
❹	I_N 25 A, light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type wire jumper,			
❹	insulated, I_N 18 A, wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)

Protective warning marker,			
	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**2002-115**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A, light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Staggered jumper,			
❹	insulated, I_N 25 A, light gray		
	2-way	**2002-472**	100 (4x25)
	3-way	**2002-473**	100 (4x25)
	4-way	**2002-474**	100 (4x25)
	5-way	**2002-475**	50 (2x25)
	6-way	**2002-476**	50 (2x25)
	7-way	**2002-477**	50 (2x25)
	8-way	**2002-478**	50 (2x25)
	9-way	**2002-479**	50 (2x25)
	10-way	**2002-480**	50 (2x25)
	11-way	**2002-481**	50 (2x25)
	12-way	**2002-482**	50 (2x25)

Customized staggered jumper,			
	insulated, I_N 25 A, light gray		
	1-3	**2002-473/011-000**	100 (4x25)
	1-3-5	**2002-475/011-000**	
	1-3-5-7	**2002-477/011-000**	
	1-3-5-7-9	**2002-479/011-000**	
	1-3-5-7-9-11	**2002-481/011-000**	50 (2x25)
Adjacent jumper for continuous commoning, insulated,			
❹	I_N 25 A, light gray		
	2-way	**2002-400**	100 (4x25)
Modular TOPJOB® S connector,			
❹	can be snapped together, for jumper contact slot		
	gray	**2002-511**	100 (4x25)
Spacer module, can be snapped together,			
	e.g., for bridging commoned terminal blocks		
	gray	**2002-549**	100 (4x25)
End plate,			
	for modular TOPJOB® S connectors, 1.5 mm thick		
	gray	**2002-541**	100 (4x25)
TOPJOB® S L-test plug module,			
❹	can be snapped together		
	gray	**2002-611**	100 (4x25)

Approvals see www.wago.com

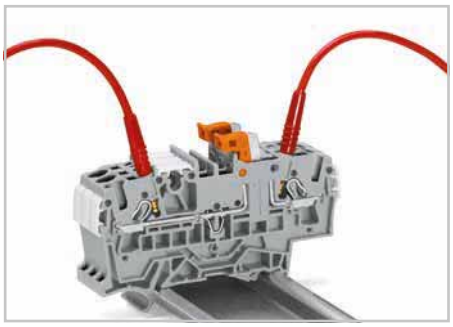


One center and two side marker slots for WMB markers or marking strips. Dual jumper slots, in the same position as the 2002 Series terminal blocks. Commoning options in front of or behind the knife disconnect, depending on the power supply direction.

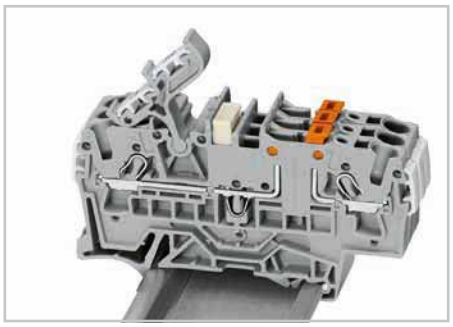
1. Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"
2. 400 V = rated voltage
   6 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Strip length, see packaging or instructions.
4. See application notes for:
   Colored push-in type jumper bars, page 163
   Staggered jumper, page 166
   Adjacent jumper for continuous commoning, page 163
   Push-in type wire jumper, page 164
   TOPJOB® S connector, page 158
   TOPJOB® S L-type test plug module, page 162

Accessories

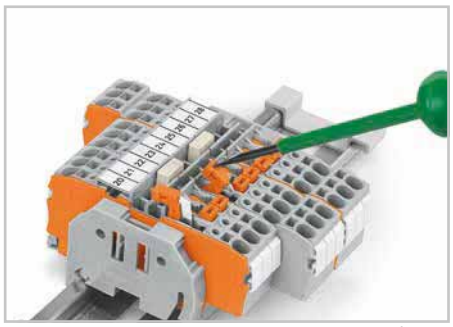
Test plug adapter,			
	for 4 mm Ø test plug		
	gray	**2009-174**	100 (4x25)
Testing tap,			
	for max. 2.5 mm²		
	gray	**2009-182**	100 (4x25)
Banana plug,			
	for socket 4 mm Ø,		
	color mixed		
		215-111	50
Double-deck marker carrier,			
	pivoting		
	gray	**2002-121**	50 (2x25)
WMB Multi marking system,			
	10 strips with 10 markers per card,		
	stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5
WMB Inline, plain,			
	stretchable 5 ... 5.2 mm,		
	1,500 WMB markers, 5 mm, on roll		
	white	**2009-115**	1
Marking strip, plain,			
	11 mm wide,		
	50 m roll		
	white	**2009-110**	1



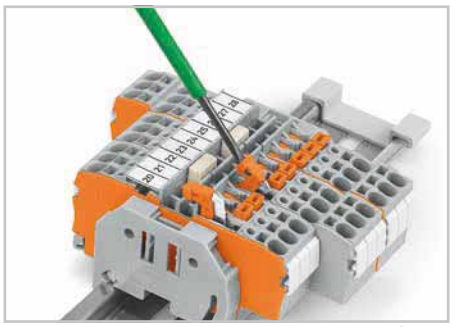
Testing with test plug 2 mm Ø
(max. test voltage: 42 V)



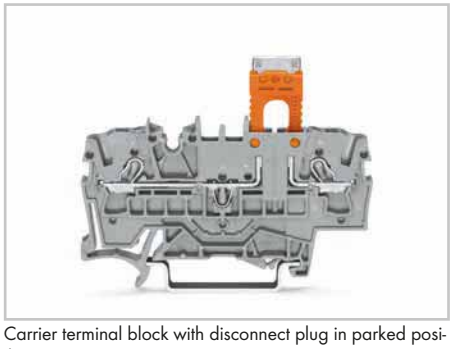
Additional marking option via pivoting marking adapter



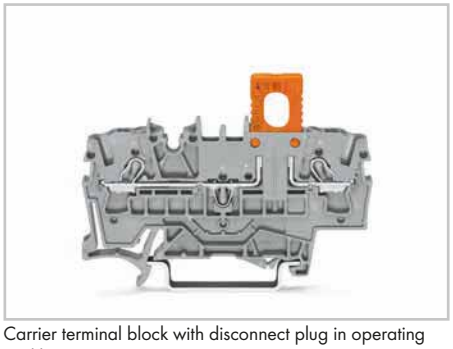
2- and 4-conductor disconnect terminal blocks for test und measurement
Opening the knife disconnect.



2- and 4-conductor disconnect terminal blocks for test and measurement
Closing the knife disconnect.



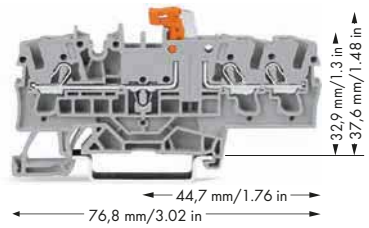
Carrier terminal block with disconnect plug in parked position.

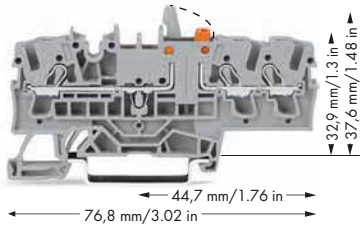


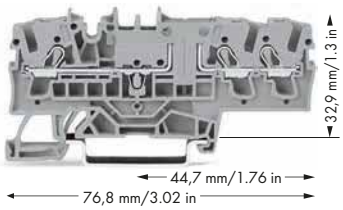
Carrier terminal block with disconnect plug in operating position.

TOPJOB® S
Disconnect Terminal Blocks for Test and Measurement, Through Terminal Blocks of Same Profile 2.5 (4) mm², 2002 Series

0.25 … 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 16 A	AWG 22 … 12 300 V, 15 A 300 V, 10 A	0.25 … 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 16 A	AWG 22 … 12 300 V, 15 A 300 V, 10 A	0.25 … 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 16 A	AWG 22 … 12 300 V, 15 A 300 V, 10 A
Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in. ❸		Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in. ❸		Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in. ❸	







	Item No.	Pack. Unit
3-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link		
gray	**2002-1771**	50
blue	**2002-1774**	50
orange	**2002-1772**	50

	Item No.	Pack. Unit
3-conductor disconnect terminal block for test and measurement with mechanical interlock, with test point, orange disconnect link		
gray	**2002-1771/401-000**	50
blue	**2002-1774/401-000**	50
orange	**2002-1772/401-000**	50

	Item No.	Pack. Unit
3-conductor through terminal block, with test point, same profile as 3-conductor disconnect terminal block		
gray	**2002-1701**	50
blue	**2002-1704**	50
orange	**2002-1702**	50
Other terminal blocks with the same profile:		
Carrier	**2002-1761**	Page 88
Fuse	**2002-1781**	Page 62

2002 Series Accessories

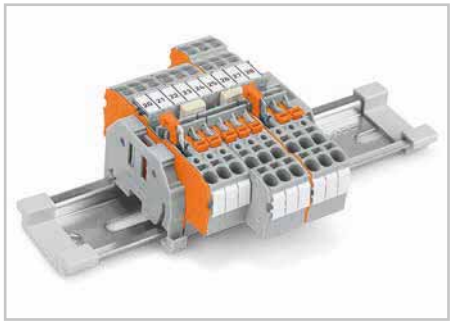
Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick			
	orange	**2002-1792**	100 (4x25)
	gray	**2002-1791**	100 (4x25)
Insulation stop,			
	5 pcs/strip, 0.25 … 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip, 0.75 … 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated, ❹			
	I_N 25 A, light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type wire jumper, ❹			
	insulated, I_N 18 A, wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)

Protective warning marker,			
	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**2002-115**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A, light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Staggered jumper, ❹			
	insulated, I_N 25 A, light gray		
	2-way	**2002-472**	100 (4x25)
	3-way	**2002-473**	100 (4x25)
	4-way	**2002-474**	100 (4x25)
	5-way	**2002-475**	50 (2x25)
	6-way	**2002-476**	50 (2x25)
	7-way	**2002-477**	50 (2x25)
	8-way	**2002-478**	50 (2x25)
	9-way	**2002-479**	50 (2x25)
	10-way	**2002-480**	50 (2x25)
	11-way	**2002-481**	50 (2x25)
	12-way	**2002-482**	50 (2x25)

Customized staggered jumper,			
	insulated, I_N 25 A, light gray		
	1-3	**2002-473/011-000**	100 (4x25)
	1-3-5	**2002-475/011-000**	
	1-3-5-7	**2002-477/011-000**	
	1-3-5-7-9	**2002-479/011-000**	
	1-3-5-7-9-11	**2002-481/011-000**	50 (2x25)
Adjacent jumper for continuous commoning, insulated, ❹			
	I_N 25 A, light gray		
	2-way	**2002-400**	100 (4x25)
Modular TOPJOB® S connector, ❹			
	can be snapped together, for jumper contact slot		
	gray	**2002-511**	100 (4x25)
Spacer module, can be snapped together,			
	e.g., for bridging commoned terminal blocks		
	gray	**2002-549**	100 (4x25)
End plate,			
	for modular TOPJOB® S connectors, 1.5 mm thick		
	gray	**2002-541**	100 (4x25)
TOPJOB® S L-test plug module, ❹			
	can be snapped together		
	gray	**2002-611**	100 (4x25)

Approvals see www.wago.com

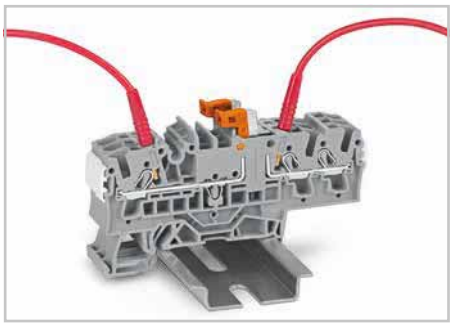


One center and two side marker slots for WMB markers or marking strips. Dual jumper slots, in the same position as the 2002 Series terminal blocks. Commoning options in front of or behind the knife disconnect, depending on the power supply direction.

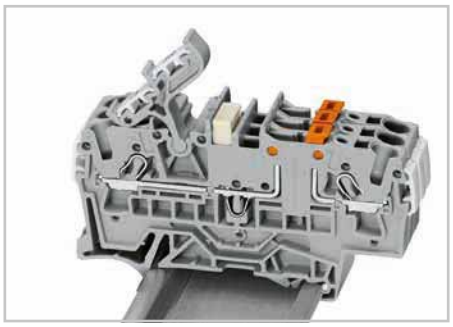
1. Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"
2. 400 V = rated voltage
   6 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Strip length, see packaging or instructions.
4. See application notes for:
   Colored push-in type jumper bars, page 163
   Staggered jumper, page 166
   Adjacent jumper for continuous commoning, page 163
   Push-in type wire jumper, page 164
   TOPJOB® S connector, page 158
   TOPJOB® S L-type test plug module, page 162

Accessories

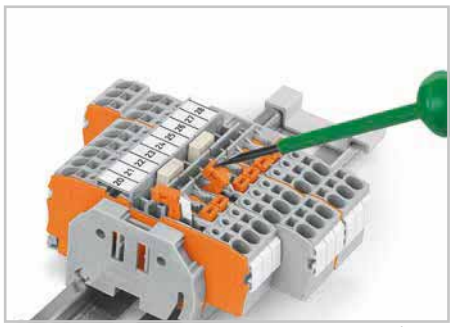
Test plug adapter,			
	for 4 mm Ø test plug		
	gray	**2009-174**	100 (4x25)
Testing tap,			
	for max. 2.5 mm²		
	gray	**2009-182**	100 (4x25)
Banana plug,			
	for socket 4 mm Ø,		
	color mixed		
		215-111	50
Double-deck marker carrier,			
	pivoting		
	gray	**2002-121**	50 (2x25)
WMB Multi marking system,			
	10 strips with 10 markers per card,		
	stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5
WMB Inline, plain,			
	stretchable 5 ... 5.2 mm,		
	1,500 WMB markers, 5 mm, on roll		
	white	**2009-115**	1
Marking strip, plain,			
	11 mm wide,		
	50 m roll		
	white	**2009-110**	1



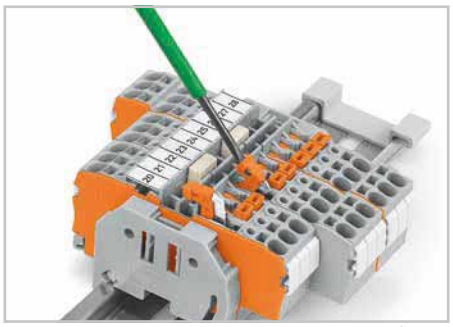
Testing with test plug 2 mm Ø
(max. test voltage: 42 V)



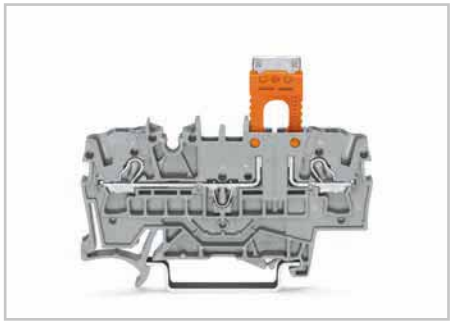
Additional marking option via pivoting marking adapter



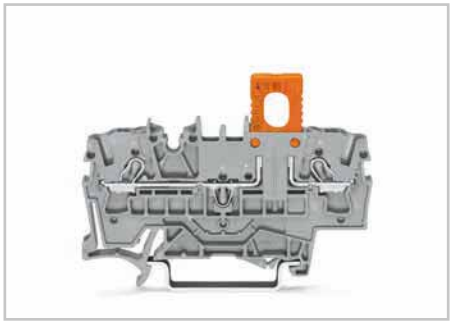
2- and 4-conductor disconnect terminal blocks for test und measurement
Opening the knife disconnect.



2- and 4-conductor disconnect terminal blocks for test and measurement
Closing the knife disconnect.



Carrier terminal block with disconnect plug in parked position.



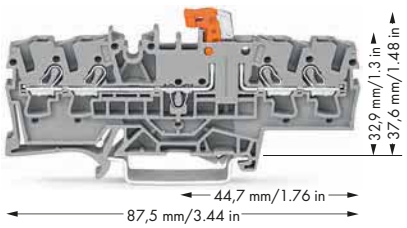
Carrier terminal block with disconnect plug in operating position.

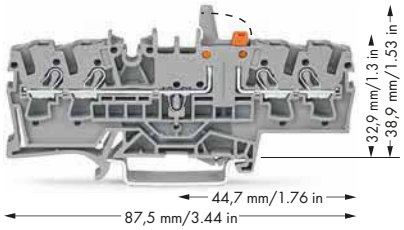
TOPJOB® S
Disconnect Terminal Blocks for Test and Measurement, Through Terminal Blocks of Same Profile 2.5 (4) mm², 2002 Series

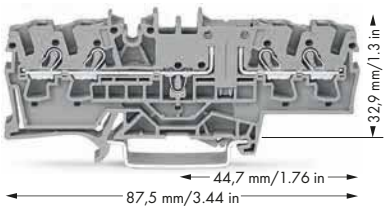
0.25 … 2.5 (4) mm² ❶	AWG 22 … 12	
400 V/6 kV/3 ❷	300 V, 15 A	
I_N 16 A	300 V, 15 A	
Terminal block width 5.2 mm / 0.205 in.		
10 … 12 mm / 0.43 in.❸		

0.25 … 2.5 (4) mm² ❶	AWG 22 … 12	
400 V/6 kV/3 ❷	300 V, 15 A	
I_N 16 A		
Terminal block width 5.2 mm / 0.205 in.		
10 … 12 mm / 0.43 in.❸		

0.25 … 2.5 (4) mm² ❶	AWG 22 … 12	
400 V/6 kV/3 ❷	300 V, 15 A	
I_N 16 A	300 V, 15 A	
Terminal block width 5.2 mm / 0.205 in.		
10 … 12 mm / 0.43 in.❸		







Item No.		Pack. Unit
4-conductor disconnect terminal block for test and measurement,		
with test point,		
orange disconnect link		
gray	**2002-1871**	50
blue	**2002-1874**	50
orange	**2002-1872**	50

Item No.		Pack. Unit
4-conductor disconnect terminal block for test and measurement with mechanical interlock,		
with test point,		
orange disconnect link		
gray	**2002-1871/401-000**	50
blue	**2002-1874/401-000**	50
orange	**2002-1872/401-000**	50

Item No.		Pack. Unit
4-conductor through terminal block,		
with test point,		
same profile as 4-conductor disconnect terminal block		
gray	**2002-1801**	50
blue	**2002-1804**	50
orange	**2002-1802**	50

Other terminal blocks with the same profile:		
Carrier	**2002-1861**	Page 88
Fuse	**2002-1881**	Page 62

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick

orange	**2002-1892**	100 (4x25)
gray	**2002-1891**	100 (4x25)

Insulation stop,

5 pcs/strip,		
0.25 … 0.5 mm²		
light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip,		
0.75 … 1 mm²		
dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated,

❹

I_N 25 A,		
light gray		
2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type wire jumper,

❹

insulated,		
I_N 18 A,		
wire size 1.5 mm²		
L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Protective warning marker,

with high-voltage symbol, black,		
for 5 terminal blocks		
yellow	**2002-115**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 25 A,		
light gray		
from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Staggered jumper,

❹

insulated,		
I_N 25 A,		
light gray		
2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Customized staggered jumper,

insulated,		
I_N 25 A,		
light gray		
1-3	**2002-473/011-000**	
		100 (4x25)
1-3-5	**2002-475/011-000**	
1-3-5-7	**2002-477/011-000**	
1-3-5-7-9	**2002-479/011-000**	
1-3-5-7-9-11	**2002-481/011-000**	
		50 (2x25)

Adjacent jumper for continuous commoning, insulated,

❹

I_N 25 A,		
light gray		
2-way	**2002-400**	100 (4x25)

Modular TOPJOB® S connector,

❹

can be snapped together,		
for jumper contact slot		
gray	**2002-511**	100 (4x25)

Spacer module, can be snapped together,

e.g., for bridging commoned terminal blocks		
gray	**2002-549**	100 (4x25)

End plate,

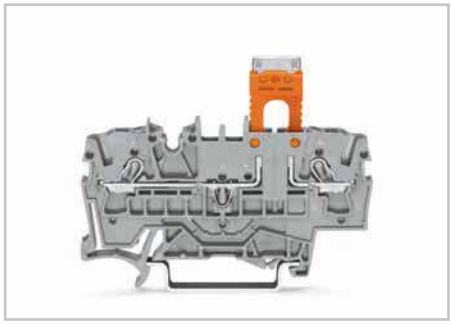
for modular TOPJOB® S connectors,		
1.5 mm thick		
gray	**2002-541**	100 (4x25)

TOPJOB® S L-test plug module,

❹

can be snapped together		
gray	**2002-611**	100 (4x25)

Approvals see www.wago.com



Carrier terminal block with disconnect plug in parked position.
Application example showing a 2-conductor carrier terminal block 2002-1661 with disconnect plug

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

❷ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164
TOPJOB® S connector, page 158
TOPJOB® S L-type test plug module, page 162

Accessories

Test plug adapter,

for 4 mm Ø test plug
gray **2009-174** 100 (4x25)

Testing tap,

for max. 2.5 mm²
gray **2009-182** 100 (4x25)

Banana plug,

for socket 4 mm Ø,
color mixed
215-111 50

Double-deck marker carrier,

pivoting
gray **2002-121** 50 (2x25)

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

WMB Inline, plain,

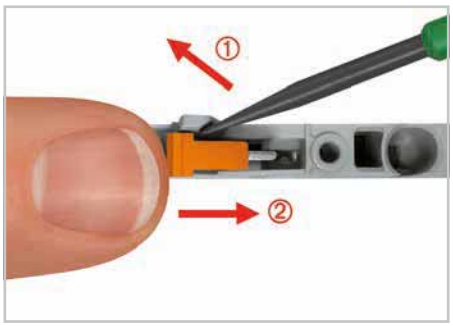
stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

Marking strip, plain,

11 mm wide,
50 m roll
white **2009-110** 1

2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Open position

2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Top view

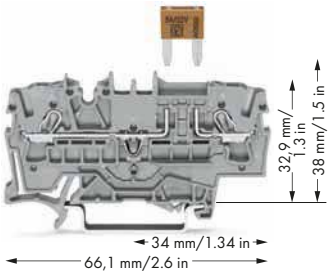


2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Closing of knife disconnect

TOPJOB® S
Fuse Terminal Blocks 2.5 (4) mm²
2002 Series

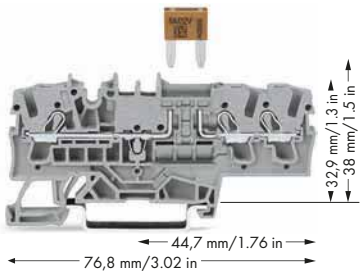
0.25 … 2.5 (4) mm² ❶	AWG 22 … 12
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A

Terminal block width 5.2 mm / 0.205 in.
10 … 12 mm / 0.43 in. ❹



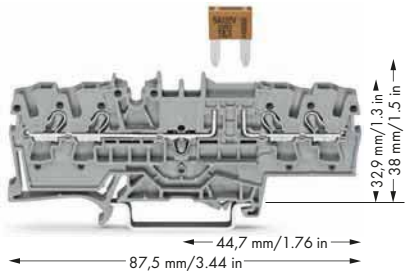
0.25 … 2.5 (4) mm² ❶	AWG 22 … 12
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A

Terminal block width 5.2 mm / 0.205 in.
10 … 12 mm / 0.43 in. ❹



0.25 … 2.5 (4) mm² ❶	AWG 22 … 12
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A

Terminal block width 5.2 mm / 0.205 in.
10 … 12 mm / 0.43 in. ❹



	Item No.	Pack. Unit
2-conductor fuse terminal block,		
with test point,		
for blade-style fuses acc. to DIN 72581-3f, ISO 8820-3		
gray	**2002-1681**	50
Blade-style fuses are not offered by WAGO		
Other terminal blocks with the same profile:		
Through	**2002-1601**	Page 56

	Item No.	Pack. Unit
3-conductor fuse terminal block,		
with test point,		
for blade-style fuses acc. to DIN 72581-3f, ISO 8820-3		
gray	**2002-1781**	50
Blade-style fuses are not offered by WAGO		
Other terminal blocks with the same profile:		
Through	**2002-1701**	Page 58

	Item No.	Pack. Unit
4-conductor fuse terminal block,		
with test point,		
for blade-style fuses acc. to DIN 72581-3f, ISO 8820-3		
gray	**2002-1881**	50
Blade-style fuses are not offered by WAGO		
Other terminal blocks with the same profile:		
Through	**2002-1801**	Page 60

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2002-1692**	100 (4x25)
gray	**2002-1691**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2002-1792**	100 (4x25)
gray	**2002-1791**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2002-1892**	100 (4x25)
gray	**2002-1891**	100 (4x25)

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop,

5 pcs/strip,
0.25 … 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip,
0.75 … 1 mm²

dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated, ❺

I_N 25 A,
light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

Double-deck marker carrier,

pivoting

gray	**2002-121**	50 (2x25)

Push-in type jumper bar, insulated,

I_N 25 A,
light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Push-in type wire jumper,

❺ insulated,
I_N 18 A,
wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Test plug,

with 500 mm cable,
2 mm Ø

red	**210-136**	50

Banana plug,

for socket 4 mm Ø,
color mixed

	215-111	50

Staggered jumper,

❺ insulated,
I_N 25 A,
light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Adjacent jumper for continuous commoning, insulated,

❺ I_N 25 A,
light gray

2-way	**2002-400**	100 (4x25)

Approvals see www.wago.com

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

❷ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

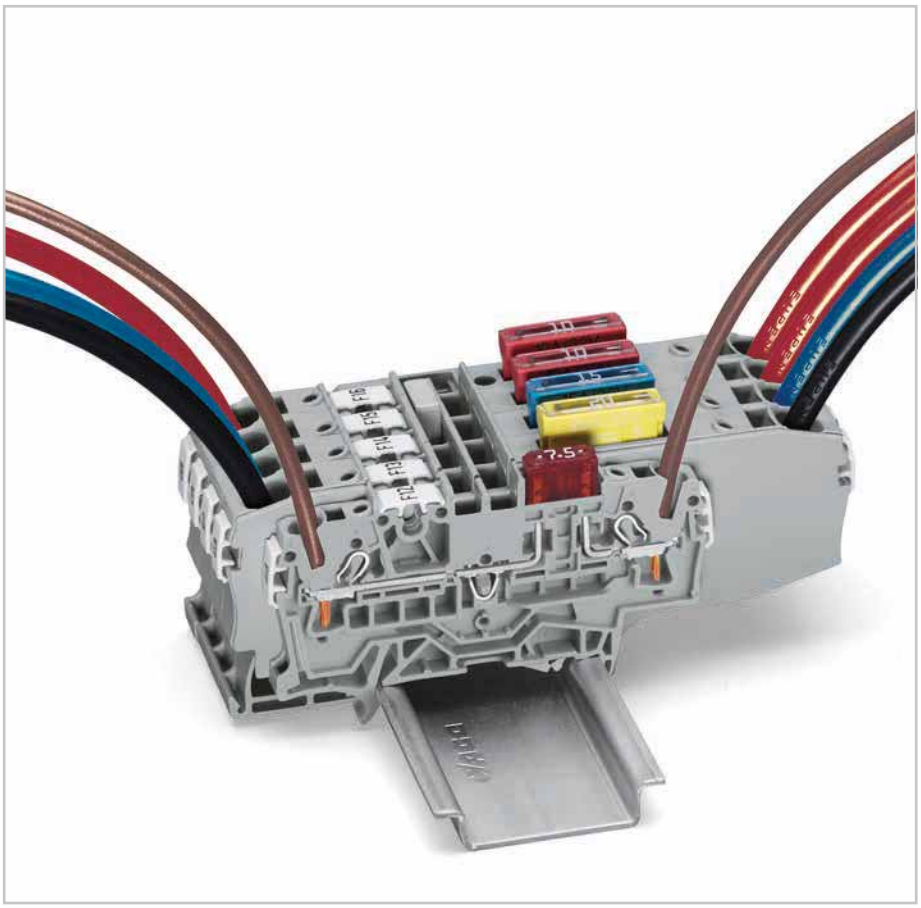
❸ - Individual arrangement: 10 A
- Block arrangement: 5 A
Protection against direct contact must be observed for 42 V and higher voltages

❹ Strip length, see packaging or instructions.

❺ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164
TOPJOB® S connector, page 158
TOPJOB® S L-type test plug module, page 162

Accessories

Modular TOPJOB® S connector,			
❺ 	can be snapped together, for jumper contact slot		
	gray	**2002-511**	100 (4x25)
Spacer module, can be snapped together,			
	e.g., for bridging commoned terminal blocks		
	gray	**2002-549**	100 (4x25)
End plate,			
	for modular TOPJOB® S connectors, 1.5 mm thick		
	gray	**2002-541**	100 (4x25)
TOPJOB® S L-test plug module,			
❺ 	can be snapped together		
	gray	**2002-611**	100 (4x25)
Test plug adapter,			
	for 4 mm Ø test plug		
	gray	**2009-174**	100 (4x25)
Testing tap,			
	for max. 2.5 mm²		
	gray	**2009-182**	100 (4x25)
WMB Multi marking system,			
	10 strips with 10 markers per card, stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5



Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartrigdes can operate perfectly as protection (break-off point) if they are properly selected and used according to manufacturer specifications.

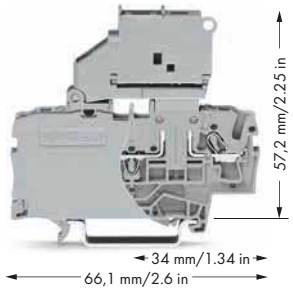
The rated currents of the fuse cartridges are defined differently in international standards.

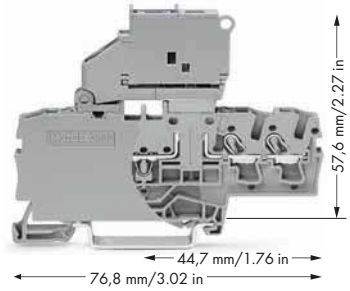
Due to different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23 °C).

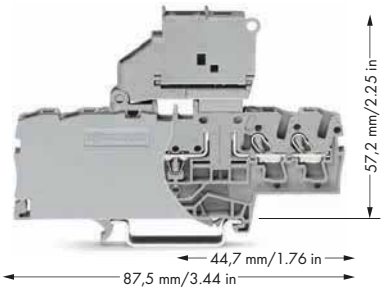
Regarding product safety, it is generally necessary to test fuse cartridges under normal conditions and operational failures within your application.

TOPJOB® S
Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder 2.5 (4) mm² for Miniature Fuses 5 x 20 mm, 2002 Series

0.25 ... 2.5 (4) mm² ❶ 250 V/6 kV/3 ❷ I_N 6.3 A	AWG 22 ... 12 250 V, 6.3 A 250 V, 6.3 A	0.25 ... 2.5 (4) mm² ❶ 250 V/6 kV/3 ❷ I_N 6.3 A	AWG 22 ... 12 250 V, 6.3 A 250 V, 6.3 A	0.25 ... 2.5 (4) mm² ❶ 250 V/6 kV/3 ❷ I_N 6.3 A	AWG 22 ... 12 250 V, 6.3 A 250 V, 6.3 A
Terminal block width 6.2 mm / 0.244 in. 10 ... 12 mm / 0.43 in.❸		Terminal block width 6.2 mm / 0.244 in. 10 ... 12 mm / 0.43 in.❸		Terminal block width 6.2 mm / 0.244 in. 10 ... 12 mm / 0.43 in.❸	







	Item No.	Pack. Unit
2-conductor fuse disconnect terminal block with pivoting fuse holder,		
for miniature fuses 5 x 20 mm,		
without blown fuse indication		
Both nominal voltage and current are given by the fuse.		
◯ gray	**2002-1611**	50
2-conductor fuse disconnect terminal block with pivoting fuse holder,		
for miniature fuses 5 x 20 mm,		
with blown fuse indication by LED, gray		
Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
◯ 12 ... 30 V	**2002-1611/1000-541**	50
◯ 30 ... 65 V	**2002-1611/1000-542**	50
◯ 230 V	**2002-1611/1000-836**	50
◯ 120 V	**2002-1611/1000-867**	50

	Item No.	Pack. Unit
3-conductor fuse disconnect terminal block with pivoting fuse holder,		
for miniature fuses 5 x 20 mm,		
without blown fuse indication		
Both nominal voltage and current are given by the fuse.		
◯ gray	**2002-1711**	50
3-conductor fuse disconnect terminal block with pivoting fuse holder,		
for miniature fuses 5 x 20 mm,		
with blown fuse indication by LED, gray		
Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
◯ 12 ... 30 V	**2002-1711/1000-541**	50
◯ 30 ... 65 V	**2002-1711/1000-542**	50
◯ 230 V	**2002-1711/1000-836**	50
◯ 120 V	**2002-1711/1000-867**	50

	Item No.	Pack. Unit
4-conductor fuse disconnect terminal block with pivoting fuse holder,		
for miniature fuses 5 x 20 mm,		
without blown fuse indication		
Both nominal voltage and current are given by the fuse.		
◯ gray	**2002-1811**	50
4-conductor fuse disconnect terminal block with pivoting fuse holder,		
for miniature fuses 5 x 20 mm,		
with blown fuse indication by LED, gray		
Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
◯ 12 ... 30 V	**2002-1811/1000-541**	50
◯ 30 ... 65 V	**2002-1811/1000-542**	50
◯ 230 V	**2002-1811/1000-836**	50
◯ 120 V	**2002-1811/1000-867**	50

Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End plate for fuse terminal blocks,			
	2 mm thick		
	orange	**2002-992**	100 (4x25)
	gray	**2002-991**	100 (4x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 ... 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type wire jumper,			
❹ 	insulated,		
	I_N 18 A,		
	wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)

Push-in type jumper bar, insulated,			
	I_N 32 A,		
	light gray		
	2-way	**2004-402**	200 (8x25)
	3-way	**2004-403**	200 (8x25)
	4-way	**2004-404**	100 (4x25)
	5-way	**2004-405**	100 (4x25)
	6-way	**2004-406**	100 (4x25)
	7-way	**2004-407**	100 (4x25)
	8-way	**2004-408**	100 (4x25)
	9-way	**2004-409**	100 (4x25)
	10-way	**2004-410**	100 (4x25)
Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**2002-115**	100 (4x25)

Push-in type jumper bar, insulated,			
	I_N 32 A,		
	light gray		
	from 1 to 3	**2004-433**	200 (8x25)
	from 1 to 4	**2004-434**	200 (8x25)
	from 1 to 5	**2004-435**	100 (4x25)
	from 1 to 6	**2004-436**	100 (4x25)
	from 1 to 7	**2004-437**	100 (4x25)
	from 1 to 8	**2004-438**	100 (4x25)
	from 1 to 9	**2004-439**	100 (4x25)
	from 1 to 10	**2004-440**	100 (4x25)

Approvals see www.wago.com

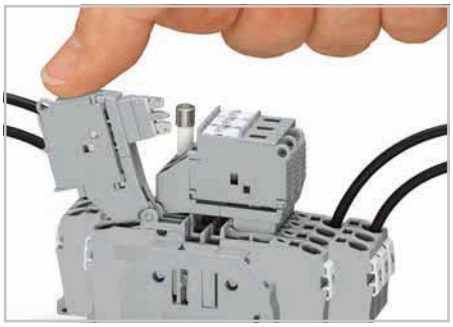
Fuse terminal blocks with a width of 6.2 mm can be assembled adjacently. If there is **no** adjacent fuse terminal block at the end of the assembly, an end plate must be used.

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 250 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

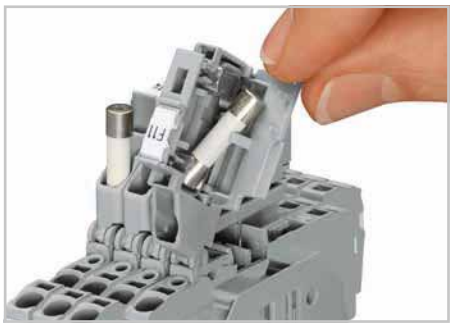
❸ Strip length, see packaging or instructions.

❹ See application notes for:
Push-in type wire jumper, page 164



Pivoting the fuse holder in the locked open position.

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



Exchanging fuse.

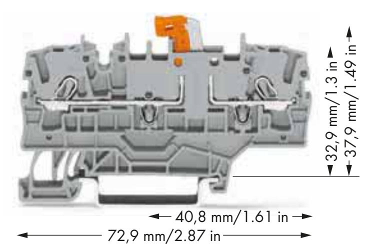
Miniature fuses 5 x 20

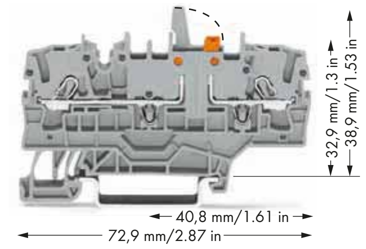
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2002-1611 **2002-1811**	1.6 W	1.6 W	2.5 W	2.5 W
2002-1611/....-.... **2002-1811/....-....**	1.6 W	1.6 W	2.5 W	2.5 W

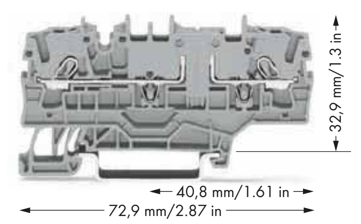
Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm width of the fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.

TOPJOB® S
Disconnect Terminal Blocks for Test and Measurement without and with Mechanical Interlock with Additional Jumper Position 2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 400 V/6 kV/3 ❷ | 300 V, 15 A UR I_N 16 A Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in. ❸	0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 400 V/6 kV/3 ❷ | 300 V, 15 A UR I_N 16 A Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in. ❸	0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 400 V/6 kV/3 ❷ | 300 V, 15 A UR I_N 16 A Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in. ❸







2-conductor disconnect terminal block for test and measurement,
with test point, orange disconnect link,
with additional jumper position

	Item No.	Pack. Unit
gray	2002-1971	50
blue	2002-1974	50
orange	2002-1972	50

2-conductor disconnect terminal block for test and measurement with mechanical interlock,
with test point, orange disconnect link,
with additional jumper position

	Item No.	Pack. Unit
gray	2002-1971/401-000	50
orange	2002-1972/401-000	50
blue	2002-1974/401-000	50

2-conductor through terminal block,
with test point, with additional jumper position,
same profile as 2-conductor disconnect terminal block

	Item No.	Pack. Unit
gray	2002-1901	50
blue	2002-1904	50
orange	2002-1902	50

2-conductor ground terminal block

	Item No.	Pack. Unit
green-yellow	2002-1907	50

Other terminal blocks with the same profile:

	Item No.	
Carrier	2002-1961	Page 88
Fuse	2002-1981	Page 69

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick

orange	2002-1992	100 (4x25)
gray	2002-1991	100 (4x25)

Insulation stop,

5 pcs/strip,
0.25 ... 0.5 mm²

light gray	2002-171	200 (8x25)

Insulation stop,

5 pcs/strip,
0.75 ... 1 mm²

dark gray	2002-172	200 (8x25)

Push-in type jumper bar, insulated,

❹ 

I_N 25 A,
light gray

2-way	2002-402	200 (8x25)
3-way	2002-403	200 (8x25)
4-way	2002-404	200 (8x25)
5-way	2002-405	100 (4x25)
6-way	2002-406	100 (4x25)
7-way	2002-407	100 (4x25)
8-way	2002-408	100 (4x25)
9-way	2002-409	100 (4x25)
10-way	2002-410	100 (4x25)

Push-in type wire jumper,

❹ 

insulated,
I_N 18 A,
wire size 1.5 mm²

L = 60 mm	2009-412	100 (10x10)
L = 110 mm	2009-414	100 (10x10)
L = 250 mm	2009-416	100 (10x10)

Push-in type jumper bar, insulated,

I_N 25 A,
light gray

from 1 to 3	2002-433	200 (8x25)
from 1 to 4	2002-434	200 (8x25)
from 1 to 5	2002-435	100 (4x25)
from 1 to 6	2002-436	100 (4x25)
from 1 to 7	2002-437	100 (4x25)
from 1 to 8	2002-438	100 (4x25)
from 1 to 9	2002-439	100 (4x25)
from 1 to 10	2002-440	100 (4x25)

Staggered jumper,

❹ 

insulated,
I_N 25 A,
light gray

2-way	2002-472	100 (4x25)
3-way	2002-473	100 (4x25)
4-way	2002-474	100 (4x25)
5-way	2002-475	50 (2x25)
6-way	2002-476	50 (2x25)
7-way	2002-477	50 (2x25)
8-way	2002-478	50 (2x25)
9-way	2002-479	50 (2x25)
10-way	2002-480	50 (2x25)
11-way	2002-481	50 (2x25)
12-way	2002-482	50 (2x25)

Adjacent jumper for continuous commoning, insulated,

❹

I_N 25 A,
light gray

2-way	2002-400	100 (4x25)

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks

yellow	2002-115	100 (4x25)

Test plug adapter,

for 4 mm Ø test plug

gray	2009-174	100 (4x25)

Testing tap,

for max. 2.5 mm²

gray	2009-182	100 (4x25)

Modular TOPJOB® S connector,

❹ 

can be snapped together,
for jumper contact slot

gray	2002-511	100 (4x25)

Spacer module, can be snapped together,

e.g., for bridging commoned terminal blocks

gray	2002-549	100 (4x25)

End plate,

for modular TOPJOB® S connectors,
1.5 mm thick

gray	2002-541	100 (4x25)

TOPJOB® S L-test plug module,

❹ 

can be snapped together

gray	2002-611	100 (4x25)

Test plug,

with 500 mm cable,
2 mm Ø

red	210-136	50

Approvals see www.wago.com

2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Open position

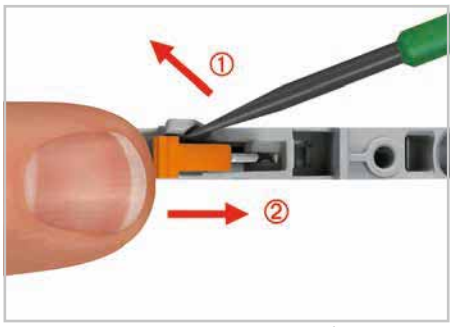
❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

❷ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164
TOPJOB® S connector, page 158
TOPJOB® S L-type test plug module, page 162

2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Top view



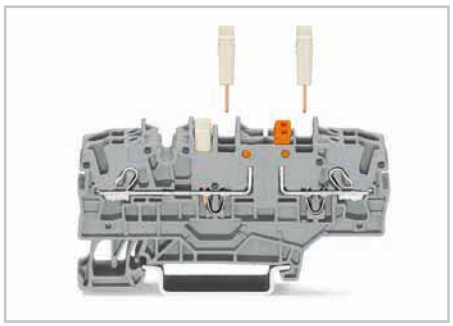
2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Closing of knife disconnect

Double-deck marker carrier,
pivoting
gray **2002-121** 50 (2x25)

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

WMB Inline, plain,
stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

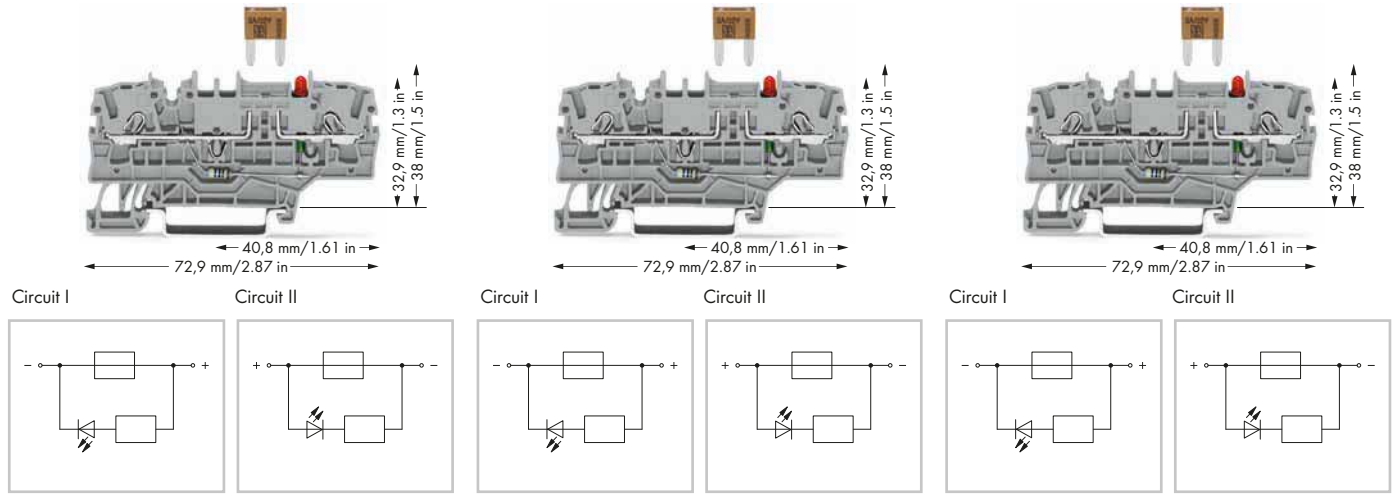
Marking strip, plain,
11 mm wide,
50 m roll
white **2009-110** 1



Three jumper slots available

TOPJOB® S
Fuse Terminal Blocks 2.5 (4) mm²
2002 Series

0.25 ... 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 10 A	AWG 22 ... 12 12 V, 10 A	Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❸
0.25 ... 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 10 A	AWG 22 ... 12 24 V, 10 A	Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❸
0.25 ... 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 10 A	AWG 22 ... 12 48 V, 10 A	Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❸



Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses, 12V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray. Both nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ Circuit I	**2002-1981/1000-429**	50
◯ Circuit II	**2002-1981/1000-449**	50
Other terminal blocks with the same profile:		
Through	**2002-1901**	Page 66

Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses, 24 V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray. Both nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ Circuit I	**2002-1981/1000-413**	50
◯ Circuit II	**2002-1981/1000-434**	50

Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses, 48 V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray. Both nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ Circuit I	**2002-1981/1000-414**	50
◯ Circuit II	**2002-1981/1000-435**	50

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick			
	orange	**2002-1992**	100 (4x25)
	gray	**2002-1991**	100 (4x25)
Insulation stop,			
	5 pcs/strip, 0.25 ... 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip, 0.75 ... 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated, ❹			
	I_N 25 A, light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)

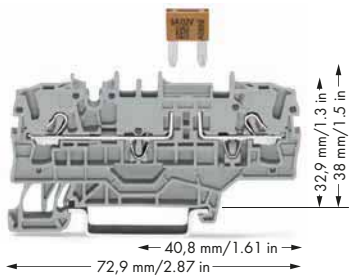
Push-in type wire jumper, ❹			
	insulated, I_N 18 A, wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)
Adjacent jumper for continuous commoning, insulated, ❹			
	I_N 25 A, light gray		
	2-way	**2002-400**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A, light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)

Staggered jumper, ❹			
	insulated, I_N 25 A, light gray		
	2-way	**2002-472**	100 (4x25)
	3-way	**2002-473**	100 (4x25)
	4-way	**2002-474**	100 (4x25)
	5-way	**2002-475**	50 (2x25)
	6-way	**2002-476**	50 (2x25)
	7-way	**2002-477**	50 (2x25)
	8-way	**2002-478**	50 (2x25)
	9-way	**2002-479**	50 (2x25)
	10-way	**2002-480**	50 (2x25)
	11-way	**2002-481**	50 (2x25)
	12-way	**2002-482**	50 (2x25)
Protective warning marker,			
	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**2002-115**	100 (4x25)

Approvals see www.wago.com

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
400 V/6 kV/3 ❷	250 V, 10 A
I_N 10 A	

Terminal block width 5.2 mm / 0.205 in.
10 ... 12 mm / 0.43 in.❸



❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

❷ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

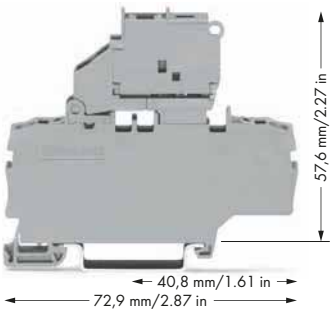
❹ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164
TOPJOB® S connector, page 158
TOPJOB® S L-type test plug module, page 162

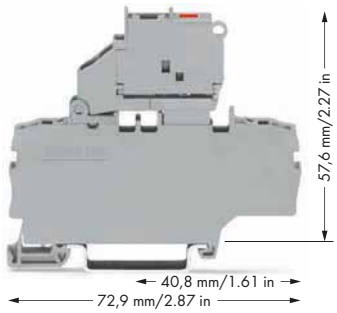
	Item No.	Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses, with test point, with additional jumper position, without blown fuse indication. Both nominal voltage and current are given by the fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
gray	**2002-1981**	50
Blade-style fuses are not offered by WAGO		
WMB Inline, plain, stretchable 5 ... 5.2 mm, 1,500 WMB markers, 5 mm, on roll		
white	**2009-115**	1
WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 ... 5.2 mm		
plain	**793-5501**	5
Double-deck marker carrier, pivoting		
gray	**2002-121**	50 (2x25)

TOPJOB® S
Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder and Additional Jumper Position for Miniature Fuses 5 x 20 mm, 2002 Series

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
250 V/6 kV/3 ❷	600 V, 6,3 A
I_N 6.3 A	
Terminal block width 6.2 mm / 0.244 in.	
10 ... 12 mm / 0.43 in.❸	

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
250 V/6 kV/3 ❷	30 V, 6,3 A
I_N 6.3 A	
Terminal block width 6.2 mm / 0.244 in.	
10 ... 12 mm / 0.43 in.❸	





❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 250 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for: Push-in type wire jumper, page 164

	Item No.	Pack. Unit
2-conductor fuse disconnect terminal block with pivoting fuse holder, with additional jumper position, for miniature fuses 5 x 20 mm, without blown fuse indication. Both nominal voltage and current are given by the fuse.		
gray	**2002-1911**	50

	Item No.	Pack. Unit
2-conductor fuse disconnect terminal block with pivoting fuse holder, with additional jumper position, for miniature fuses 5 x 20 mm, with blown fuse indication by LED, gray. Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
12 ... 30 V	**2002-1911/1000-541**	50
30 ... 65 V	**2002-1911/1000-542**	50
120 V	**2002-1911/1000-867**	50
230 V	**2002-1911/1000-836**	50

Miniature fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2002-1911	1.6 W	1.6 W	2.5 W	2.5 W
2002-1911/....-....	1.6 W	1.6 W	2.5 W	2.5 W

Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm width of the fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.

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

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

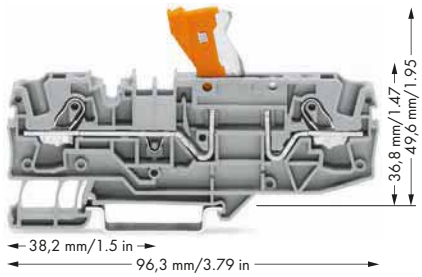
End plate for fuse terminal blocks,			
2 mm thick			
orange	**2002-992**	100 (4x25)	
gray	**2002-991**	100 (4x25)	
Insulation stop,			
5 pcs/strip,			
0.25 ... 0.5 mm²			
light gray	**2002-171**	200 (8x25)	
Insulation stop,			
5 pcs/strip,			
0.75 ... 1 mm²			
dark gray	**2002-172**	200 (8x25)	
Push-in type jumper bar, insulated,			
I_N 32 A,			
light gray			
2-way	**2004-402**	200 (8x25)	
3-way	**2004-403**	200 (8x25)	
4-way	**2004-404**	100 (4x25)	
5-way	**2004-405**	100 (4x25)	
6-way	**2004-406**	100 (4x25)	
7-way	**2004-407**	100 (4x25)	
8-way	**2004-408**	100 (4x25)	
9-way	**2004-409**	100 (4x25)	
10-way	**2004-410**	100 (4x25)	

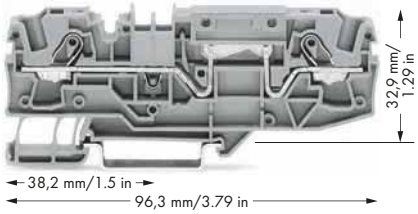
Push-in type jumper bar, insulated,			
I_N 32 A,			
light gray			
from 1 to 3	**2004-433**	200 (8x25)	
from 1 to 4	**2004-434**	200 (8x25)	
from 1 to 5	**2004-435**	100 (4x25)	
from 1 to 6	**2004-436**	100 (4x25)	
from 1 to 7	**2004-437**	100 (4x25)	
from 1 to 8	**2004-438**	100 (4x25)	
from 1 to 9	**2004-439**	100 (4x25)	
from 1 to 10	**2004-440**	100 (4x25)	
Push-in type wire jumper,			
insulated,			
I_N 18 A,			
wire size 1.5 mm²			
L = 60 mm	**2009-412**	100 (10x10)	
L = 110 mm	**2009-414**	100 (10x10)	
L = 250 mm	**2009-416**	100 (10x10)	
Protective warning marker,			
with high-voltage symbol, black,			
for 5 terminal blocks			
yellow	**2002-115**	100 (4x25)	
Test plug,			
with 500 mm cable,			
2 mm Ø			
red	**210-136**	50	

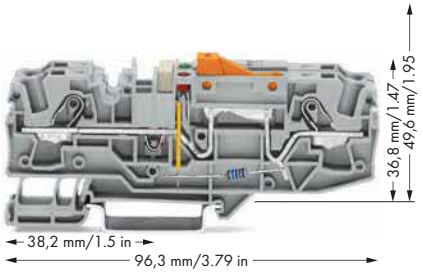
Approvals see www.wago.com

TOPJOB® S
Disconnect and Ground Conductor Disconnect Terminal Blocks 6 (10) mm² / 30 A and Through Terminal Blocks of Same Profile, 2006 Series

0.5 ... 6 (10) mm² ❶	AWG 20 ... 8	0.5 ... 6 (10) mm² ❶	AWG 20 ... 8	0.5 ... 6 (10) mm² ❶	AWG 20 ... 8
800 V/8 kV/3 ❷	600 V, 15 A	800 V/8 kV/3 ❷	600 V, 30 A		
I_N 30 A	600 V, 30 A	I_N 30 A	600 V, 30 A		
Terminal block width 7.5 mm / 0.295 in.		Terminal block width 7.5 mm / 0.295 in.		Terminal block width 15 mm / 0.591 in.	
13 ... 15 mm / 0.55 in.❸		13 ... 15 mm / 0.55 in.❸		13 ... 15 mm / 0.55 in.❸	







	Item No.	Pack. Unit
2-conductor disconnect terminal block, with test point, orange disconnect link		
gray	**2006-1671**	25
blue	**2006-1674**	25
Other terminal blocks with the same profile:		
Through	**2006-1601**	Page 72

	Item No.	Pack. Unit
2-conductor through terminal block, with test point, same profile as 2-conductor disconnect terminal block		
gray	**2006-1601**	25
blue	**2006-1604**	25
Other terminal blocks with the same profile:		
Carrier	**2006-1661**	Page 90
Fuse	**2006-1681**	Page 74

	Item No.	Pack. Unit
Ground conductor disconnect terminal block, with test point, orange disconnect link, gray		
24 V	**2006-1671/1000-848**	12
48 V	**2006-1671/1000-849**	12
120 V	**2006-1671/1000-850**	12
230 V	**2006-1671/1000-851**	12
Other terminal blocks with the same profile:		
Through	**2006-1601**	Page 72

Item-Specific Accessories

	Item No.	Pack. Unit
Push-in type jumper bar, insulated, I_N 41 A, light gray		
2-way	**2006-402**	50 (2x25)
3-way	**2006-403**	50 (2x25)
4-way	**2006-404**	50 (2x25)
5-way	**2006-405**	50 (2x25)
Push-in type jumper bar, insulated, I_N 41 A, light gray		
from 1 to 3	**2006-433**	50 (2x25)
from 1 to 4	**2006-434**	50 (2x25)
from 1 to 5	**2006-435**	50 (2x25)
Star point jumper, insulated, I_N = I_N terminal block, light gray		
1-3-5	**2006-405/011-000**	50 (2x25)

Item-Specific Accessories

	Item No.	Pack. Unit
Push-in type jumper bar, insulated, I_N 41 A, light gray		
2-way	**2006-402**	50 (2x25)
3-way	**2006-403**	50 (2x25)
4-way	**2006-404**	50 (2x25)
5-way	**2006-405**	50 (2x25)
Push-in type jumper bar, insulated, I_N 41 A, light gray		
from 1 to 3	**2006-433**	50 (2x25)
from 1 to 4	**2006-434**	50 (2x25)
from 1 to 5	**2006-435**	50 (2x25)
Star point jumper, insulated, I_N = I_N terminal block, light gray		
1-3-5	**2006-405/011-000**	50 (2x25)

Item-Specific Accessories

	Item No.	Pack. Unit
Push-in type jumper bar, insulated, I_N 41 A, light gray		
2-way	**2006-402**	50 (2x25)

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips

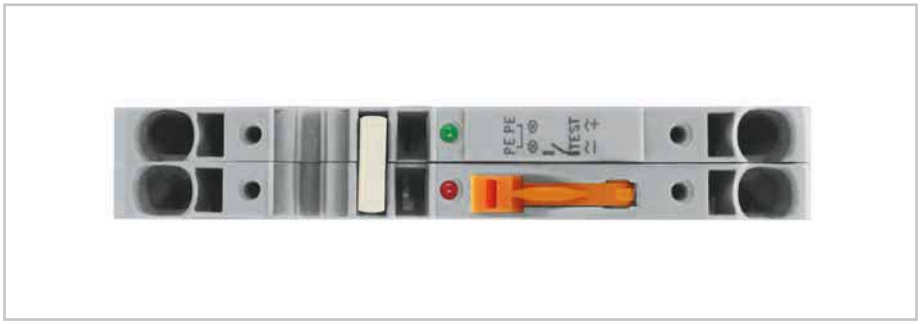
	Item No.	Pack. Unit
End and intermediate plate, 1 mm thick		
orange	**2006-1692**	100 (4x25)
gray	**2006-1691**	100 (4x25)
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks		
yellow	**2006-115**	100 (4x25)

	Item No.	Pack. Unit
Double-deck marker carrier, pivoting		
gray	**2002-121**	50 (2x25)
WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 ... 5.2 mm		
plain	**793-5501**	5
Marking strip, plain, 11 mm wide, 50 m roll		
white	**2009-110**	1

	Item No.	Pack. Unit
Screwless end stop, for DIN 35 rail, 6 mm wide		
gray	**249-116**	100 (4x25)
Screwless end stop, for DIN 35 rail, 10 mm wide		
gray	**249-117**	50 (2x25)

Approvals see www.wago.com

Disconnect and Ground Conductor Disconnect Terminal Blocks

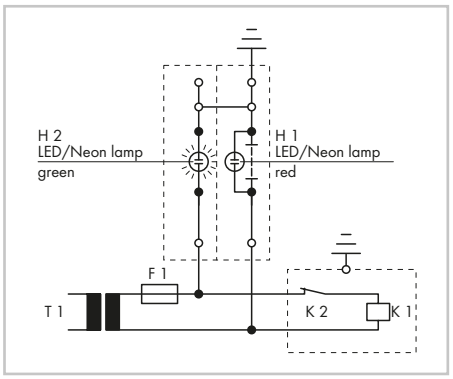


Ground conductor disconnect terminal block – top view

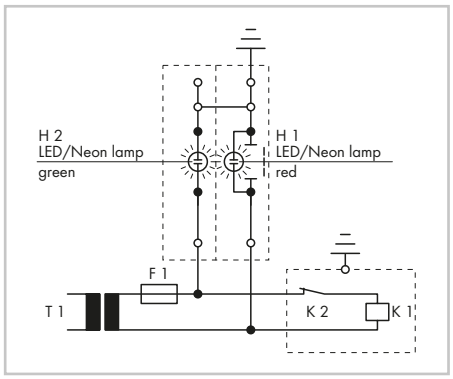
❶ Conductor sizes: 0.5 mm² ... 10 mm² "s + f-st";
Push-in conductor sizes: 1 mm² ... 10 mm² "s"
and 1.5 mm² ... 6 mm²
"insulated ferrule, 12 mm"

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

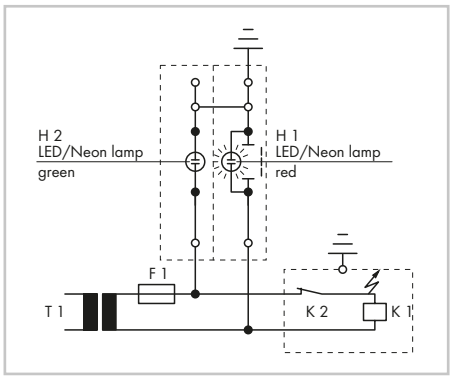
❸ Strip length, see packaging or instructions.



Operating condition
Slide link closed, auxiliary circuit grounded, green lamp illuminates.



Test condition – no grounding
Slide link open, auxiliary circuit not grounded.



Test condition – grounding
Slide link open, auxiliary circuit not grounded, red lamp illuminates.

Terminal block assembly including:
Through terminal blocks
N-conductor disconnect terminal blocks
Fuse terminal blocks for mini-automotive fuses

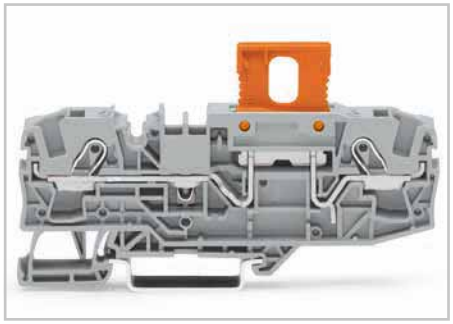
IEC 60204/DIN VDE 0113 "Electrical equipment of industrial machines, part 1: General requirements" 9.4.3.1:

Ground faults on control circuits shall not cause unintentional starting, hazardous movements or prevent stopping the machine.

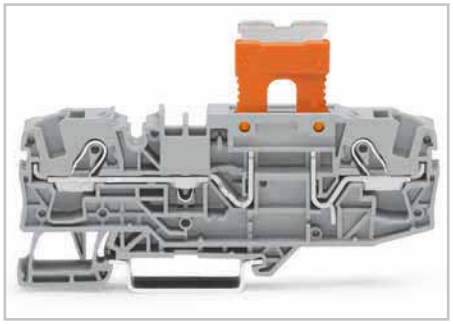
In order to fulfill this requirement, bonding to the protective bonding circuit shall be provided in accordance with 8.2 and the devices shall be connected as described in 9.1.4. Control circuits fed from a transformer and not connected to the protective bonding circuit shall be provided with an insulation monitoring device (e.g., residual current device), which either indicates an ground fault or interrupts the circuit automatically after an ground fault.

In the case of electronic circuits, the connection of one side of the control circuit to the protective bonding circuit in accordance with 9.1.4 can prevent unintentional operation. When this does not help, or if due to other reasons electronic circuits cannot be connected to the protective bonding circuit, other measures shall be taken to achieve the same level of safety.

Multipole control switches which interrupt all live conductors shall be used where the control circuit is directly connected between the phase conductors of the supply or between a phase conductor and a neutral conductor, which is either not grounded or grounded through a high impedance.
This is required for starting or stopping those machine functions, which can cause a hazardous situation including: damaging the machine or halting the work in progress, in the event of unintentional starting or failure to stop.



Carrier terminal block with disconnect plug in operating position.



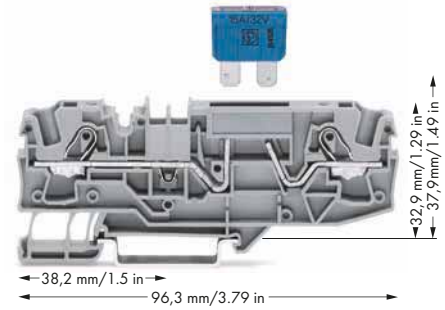
Carrier terminal block with disconnect plug in parked position.

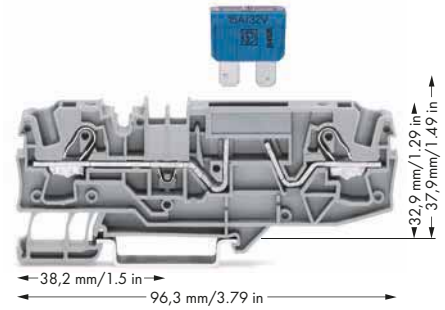
TOPJOB® S
Fuse Terminal Blocks for Mini-Automotive Blade-Style Fuses 6 (10) mm²
2006 Series

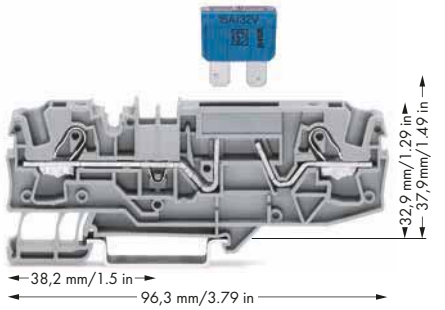
0.5 ... 6 (10) mm² ❶	AWG 20 ... 8	
500 V/8 kV/3 ❷	12 V, 15 A	
I_N 25 A (30 A) ❸	12 V, 30 A	
Terminal block width 7.5 mm / 0.295 in.		
13 ... 15 mm / 0.55 in.❹		

0.5 ... 6 (10) mm² ❶	AWG 20 ... 8	
500 V/8 kV/3 ❷	24 V, 15 A	
I_N 25 A (30 A) ❸	24 V, 30 A	
Terminal block width 7.5 mm / 0.295 in.		
13 ... 15 mm / 0.55 in.❹		

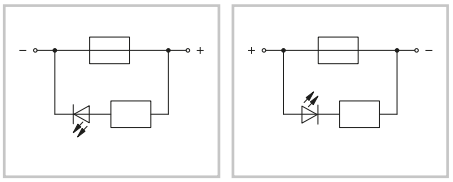
0.5 ... 6 (10) mm² ❶	AWG 20 ... 8	
500 V/8 kV/3 ❷	48 V, 30 A	
I_N 25 A (30 A) ❸	48 V, 30 A	
Terminal block width 7.5 mm / 0.295 in.		
13 ... 15 mm / 0.55 in.❹		



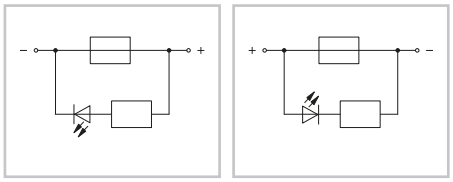




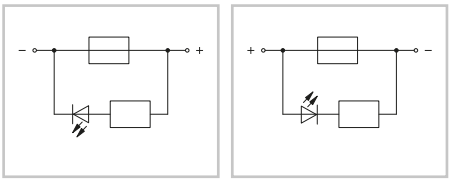
Circuit I Circuit II



Circuit I Circuit II



Circuit I Circuit II



Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		
12V, with test point, with blown fuse indication by LED,		
LED power consumption: 4.8 mA, gray		
Both nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ Circuit I	**2006-1681/1000-429**	25
◯ Circuit II	**2006-1681/1000-449**	25
Other terminal blocks with the same profile:		
Through	**2006-1601**	Page 72

Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		
24V, with test point, with blown fuse indication by LED,		
LED power consumption: 4.8 mA, gray		
Both nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ Circuit I	**2006-1681/1000-413**	25
◯ Circuit II	**2006-1681/1000-434**	25

Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		
48V, with test point, with blown fuse indication by LED,		
LED power consumption: 4.8 mA, gray		
Both nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ Circuit I	**2006-1681/1000-414**	25
◯ Circuit II	**2006-1681/1000-435**	25

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips

End and intermediate plate, 1 mm thick

orange	**2006-1692**	100 (4x25)
gray	**2006-1691**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 41 A, light gray

2-way	**2006-402**	50 (2x25)
3-way	**2006-403**	50 (2x25)
4-way	**2006-404**	50 (2x25)
5-way	**2006-405**	50 (2x25)

Push-in type jumper bar, insulated,

I_N 41 A, light gray

from 1 to 3	**2006-433**	50 (2x25)
from 1 to 4	**2006-434**	50 (2x25)
from 1 to 5	**2006-435**	50 (2x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

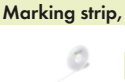
yellow	**2006-115**	100 (4x25)

WMB Multi marking system,

10 strips with 10 markers per card, stretchable 5 ... 5.2 mm

plain	**793-5501**	5

Marking strip, plain,



11 mm wide, 50 m roll

white	**2009-110**	1

Double-deck marker carrier,

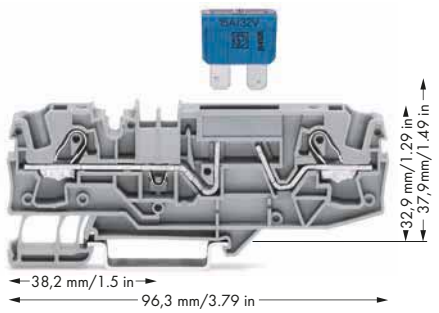
pivoting

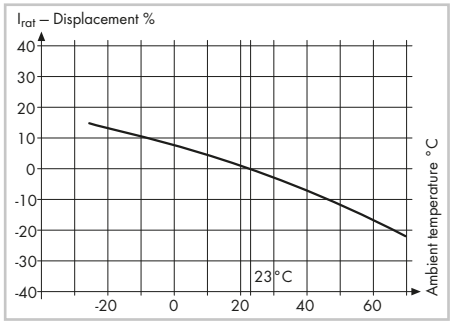
gray	**2002-121**	50 (2x25)

Approvals see www.wago.com

0.5 … 6 (10) mm² ❶	AWG 20 … 8
500 V/8 kV/3 ❷	600 V, 15 A
I_N 25 A (30 A) ❸	600 V, 30 A

Terminal block width 7.5 mm / 0.295 in.
13 … 15 mm / 0.55 in.❹





❶ Conductor sizes: 0.5 mm² … 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² … 10 mm² "s" and 1.5 mm² … 6 mm² "insulated ferrule, 12 mm"

❷ 500 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ LED power consumption: 4.8 mA

❹ Strip length, see packaging or instructions.

Item No.	Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,	
with test point,	
without blown fuse indication	
Both nominal voltage and current are given by the fuse.	
Blade-style fuses, please note touchproof protection for 42V and higher.	
gray **2006-1681**	25
Blade-style fuses (not offered by WAGO)	
Excess-current circuit-breaker, thermal (not offered by WAGO)	
Recommended excess-current circuit-breakers from ETA	

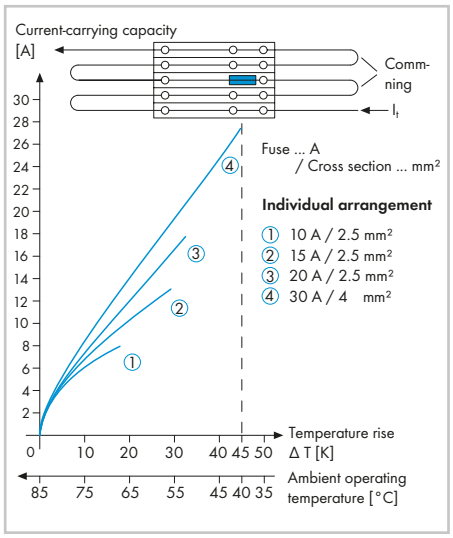


Diagram: Individual arrangement

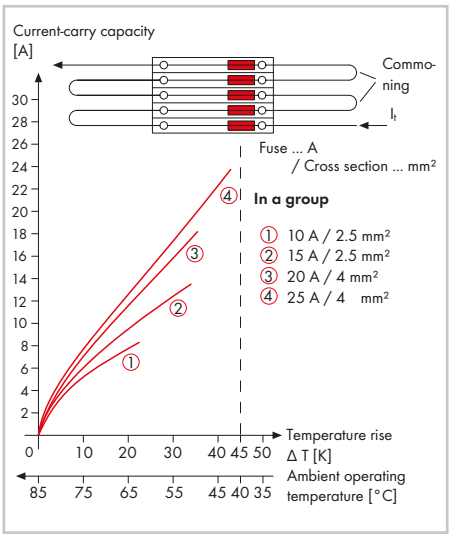


Diagram: Block arrangement

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

Information from the mini-automotive blade-type fuse manufacturers

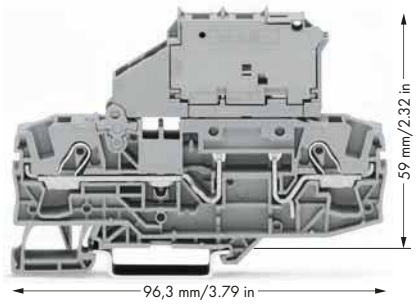
Derating T_{amb} / °C	%	F_T
- 25	14	0.877
- 20	13	0.885
- 15	12	0.893
- 10	11	0.901
- 5	10	0.909
0	9	0.917
5	8	0.926
10	6	0.943
15	4	0.962
20	2	0.980
23	0	1.000
30	- 2	1.020
35	- 4	1.042
40	- 6	1.064
45	- 8	1.087
50	- 10	1.111
55	- 13	1.149
60	- 16	1.190
65	- 19	1.235
70	- 22	1.282

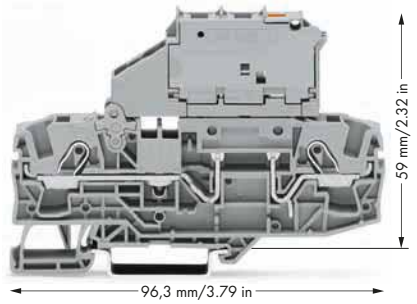
Regarding product safety, it is in generally necessary to test fuse cartridges under normal conditions and operational failures within your application.

TOPJOB® S
Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder for Miniature Fuses 5 x 20 mm, 5 x 30 mm, ¼" x1¼", 2006 Series

0.5 ... 6 (10) mm² ❶ 800 V/8 kV/3 ❷ I_N 10 A	AWG 20 ... 8 600 V, 15 A 600 V, 15 A
Terminal block width 7.5 mm / 0.295 in. 13 ... 15 mm / 0.55 in.❸	

0.5 ... 6 (10) mm² ❶ 800 V/8 kV/3 ❷ I_N 10 A	AWG 20 ... 8 30 V, 15 A 30 V, 15 A
Terminal block width 7.5 mm / 0.295 in. 13 ... 15 mm / 0.55 in.❸	





❶ Conductor sizes: 0.5 mm² ... 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² ... 10 mm² "s" and 1.5 mm² ... 6 mm² "insulated ferrule, 12 mm"

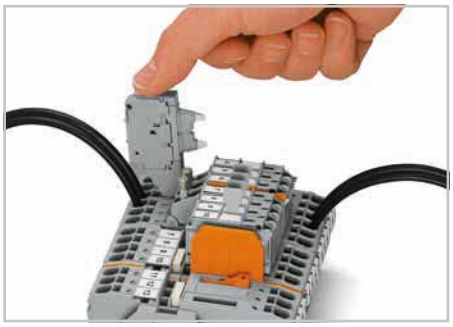
❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

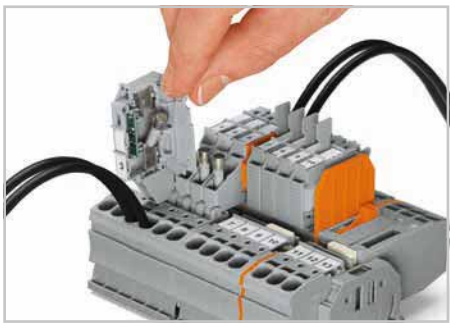
❸ Strip length, see packaging or instructions.

❹ See application notes for:
Star point jumper, page 165

Item No.		Pack. Unit
2-conductor fuse disconnect terminal block with pivoting fuse holder, without blown fuse indication		
Both nominal voltage and current are given by the fuse.		
for miniature fuses 5 x 20 mm		
gray	**2006-1611**	25
for miniature fuses 5 x 30 mm		
gray	**2006-1621**	25
for miniature fuses ¼" x 1¼"		
gray	**2006-1631**	25

Item No.		Pack. Unit
2-conductor fuse disconnect terminal block with pivoting fuse holder, gray, with blown fuse indication by LED		
Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA, for miniature fuses 5 x 20 mm		
12 ... 30 V	**2006-1611/1000-541**	25
30 ... 65 V	**2006-1611/1000-542**	25
120 V	**2006-1611/1000-867**	25
230 V	**2006-1611/1000-836**	25
for miniature fuses 5 x 30 mm		
12 ... 30 V	**2006-1621/1000-541**	25
30 ... 65 V	**2006-1621/1000-542**	25
120 V	**2006-1621/1000-867**	25
230 V	**2006-1621/1000-836**	25
380 ... 500 V	**2006-1621/1000-859**	25
for miniature fuses ¼" x 1¼"		
12 ... 30 V	**2006-1631/1000-541**	25
30 ... 65 V	**2006-1631/1000-542**	25
120 V	**2006-1631/1000-867**	25
230 V	**2006-1631/1000-836**	25
380 ... 500 V	**2006-1631/1000-859**	25


Pivoting the fuse holder in the locked open position.


Opening the cover to replace the fuse.

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips

End and intermediate plate, 1 mm thick

orange	**2006-1692**	100 (4x25)
gray	**2006-1691**	100 (4x25)

End plate for fuse terminal blocks,

2 mm thick

orange	**2006-992**	100 (4x25)
gray	**2006-991**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 41 A,
light gray

2-way	**2006-402**	50 (2x25)
3-way	**2006-403**	50 (2x25)
4-way	**2006-404**	50 (2x25)
5-way	**2006-405**	50 (2x25)

Star point jumper, insulated, ❹

I_N = I_N terminal block, light gray

1-3-5	**2006-405/011-000**	50 (2x25)

Push-in type jumper bar, insulated,

I_N 41 A,
light gray

from 1 to 3	**2006-433**	50 (2x25)
from 1 to 4	**2006-434**	50 (2x25)
from 1 to 5	**2006-435**	50 (2x25)

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks

yellow	**2006-115**	100 (4x25)

Test plug,

with 500 mm cable,
2 mm Ø

red	**210-136**	50

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm

plain	**793-5501**	5

Approvals see www.wago.com

TOPJOB® S
Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder for Miniature Fuses ¼" x 1¼", 2006 Series

0.5 ... 6 (10) mm² ❶ 800 V/8 kV/3 ❷ I_N 10 A	AWG 20 ... 8 600 V, 15 A 600 V, 15 A
Terminal block width 10.4 mm / 0.409 in. 13 ... 15 mm / 0.55 in.❸	

0.5 ... 6 (10) mm² ❶ 800 V/8 kV/3 ❷ I_N 10 A	AWG 20 ... 8 30 V, 15 A 30 V, 15 A
Terminal block width 10.4 mm / 0.409 in. 13 ... 15 mm / 0.55 in.❸	

❶ Conductor sizes: 0.5 mm² ... 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² ... 10 mm² "s" and 1.5 mm² ... 6 mm² "insulated ferrule, 12 mm"

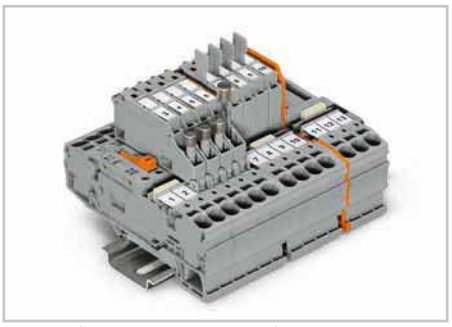
❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for:
Star point jumper, page 165

	Item No.	Pack. Unit
Fuse disconnect terminal block with pivoting fuse holder and end plate, without blown fuse indication Both nominal voltage and current are given by the fuse. for miniature fuses ¼" x 1¼"		
gray	**2006-1631/099-000**	25

	Item No.	Pack. Unit
Fuse disconnect terminal block with pivoting fuse holder and end plate, gray, with blown fuse indication by LED Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA, for miniature fuses ¼" x 1¼"		
12 ... 30 V	**2006-1631/1099-541**	25
30 ... 65 V	**2006-1631/1099-542**	25
120 V	**2006-1631/1099-867**	25
230 V	**2006-1631/1099-836**	25
380 ... 500 V	**2006-1631/1099-859**	25



Pivoting fuse holder with spare fuse holders

Protective warning markers must be applied individually. Due to the 10.4 mm width of the fuse terminal blocks with pivoting fuse holder, 2002 Series jumpers must be used.

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips

End plate for fuse terminal blocks,			
	2 mm thick		
	orange	**2006-992**	100 (4x25)
	gray	**2006-991**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
Star point jumper, insulated, ❹			
	I_N = I_N terminal block, light gray		
	1-3-5	**2002-405/011-000**	100 (4x25)
Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**2006-115**	100 (4x25)
WMB Multi marking system,			
	10 strips with 10 markers per card,		
	stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5
Test plug,			
	with 500 mm cable,		
	2 mm Ø		
	red	**210-136**	50

Screwless end stop,			
	for DIN 35 rail,		
	6 mm wide		
	gray	**249-116**	100 (4x25)
Screwless end stop,			
	for DIN 35 rail,		
	10 mm wide		
	gray	**249-117**	50 (2x25)

Miniature fuses

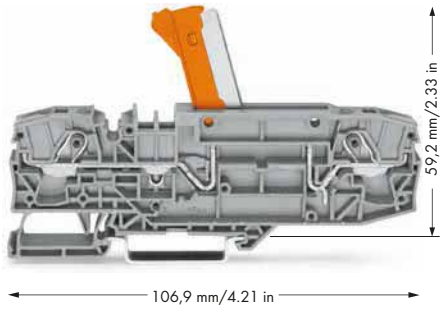
Series Item No.		Overload and short circuit protection		Short circuit protection only	
		Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
		Fused disconnect terminal blocks			
2006-1611	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1621	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1631	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1631 /099-...	10.4	2.5 W	2.5 W	2.5 W	2.5 W
2006-1631 /1099-...	10.4	2.5 W	2.5 W	2.5 W	2.5 W

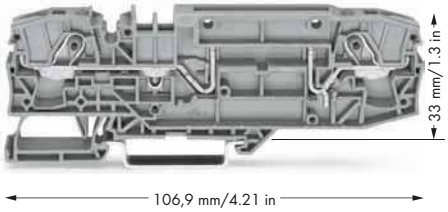
When selecting miniature fuses, the maximum power loss listed below should not be exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23 °C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient temperatures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

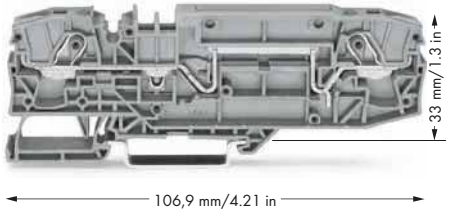
Approvals see www.wago.com

TOPJOB® S
Disconnect Terminal Blocks for Test and Measurement 1500 VDC, Carrier/ Through Terminal Blocks of Same Profile 6 (10) mm²/30 A, 2006 Series

0.5 ... 6 (10) mm² ❶ | AWG 20 ... 8 AC/DC 1000 V/ DC 1500 V/12 kV/3 ❷ I_N 30 A 600 V, 30 A, 1000 V, 30 A Terminal block width 15 mm / 0.591 in. 13 ... 15 mm / 0.55 in.❸	0.5 ... 6 (10) mm² ❶ | AWG 20 ... 8 AC/DC 1000 V/ DC 1500 V/12 kV/3 ❷ I_N 30 A 600 V, 30 A, 1000 V, 30 A Terminal block width 15 mm / 0.591 in. 13 ... 15 mm / 0.55 in.❸	0.5 ... 6 (10) mm² ❶ | AWG 20 ... 8 AC/DC 1000 V/ DC 1500 V/12 kV/3 ❷ I_N 30 A 600 V, 30 A, 1000 V, 30 A Terminal block width 15 mm / 0.591 in. 13 ... 15 mm / 0.55 in.❸







Item No.		Pack. Unit
2-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link		
gray	**2006-8671**	12
blue	**2006-8674**	12

Item No.		Pack. Unit
2-conductor carrier terminal block, with test point		
gray	**2006-8661**	12
blue	**2006-8664**	12

Item No.		Pack. Unit
2-conductor through terminal block, with test point, same profile as 2-conductor disconnect terminal block		
gray	**2006-8601**	12
blue	**2006-8604**	12

Item-Specific Accessories

Disconnect plug for carrier terminal blocks, suited when using a carrier terminal block as disconnect terminal block

orange **2006-8401** 48 (4x12)

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips

End and intermediate plate, 1 mm thick

orange **2006-8692** 48 (4x12)
gray **2006-8691** 48 (4x12)

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

yellow **2006-115** 100 (4x25)

Push-in type jumper bar, insulated, I_N 41 A, light gray

from 1 to 3 **2006-433** 50 (2x25)
from 1 to 5 **2006-435** 50 (2x25)

Lockout cap, for conductor entry hole and operating slot

gray **2006-191** 25

WMB Multi marking system,

10 strips with 10 markers per card, for terminal widths 5 ... 17.5 mm
plain **793-501** 5

WMB Multi marking system, plain,

10 strips with 10 markers per card, for terminal widths 5 ... 17.5 mm

yellow	**793-501/000-002**	
red	**793-501/000-005**	
blue	**793-501/000-006**	
gray	**793-501/000-007**	
orange	**793-501/000-012**	
light green	**793-501/000-017**	
green	**793-501/000-023**	
violet	**793-501/000-024**	
		5

Marking strip, plain, 11 mm wide, 50 m roll

white **2009-110** 1

WMB Inline, plain, stretchable 5 ... 5.2 mm, 1,500 WMB markers, 5 mm, on roll

white **2009-115** 1

Approvals see www.wago.com

Disconnect/test terminal block with knife disconnect (2006-8671) in disconnect position

Both 2006-8671 and 2006-8661 TOPJOB® S disconnect terminal blocks have been specially designed for use in photovoltaic and wind power systems, where voltages exceeding 1,000 V (IEC) and 600 V (UL) are required (e.g., generator junction boxes).

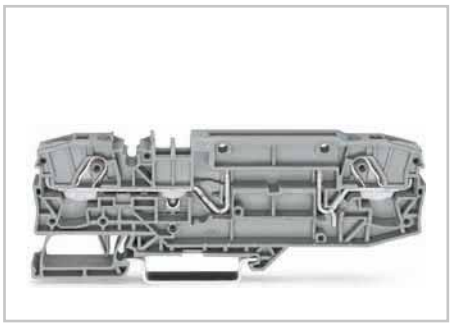
- Ideal for high voltages in renewable energy applications
- **Disconnect terminal blocks with two alternative disconnect options:**
  with orange knife disconnect (2006-8671)
  with orange disconnect plug (2006-8661)
- This 2006 Series terminal blocks are approved for 30 A/1,500 VDC (IEC) or 1,000 VDC (UL)
- With a terminal block width of 15 mm, the maximum cross-section for solid and fine-stranded conductors is 10 mm² (AWG 8) and 6 mm² (AWG 10) for ferruled conductors.
- Equipped with test slots
- Compatible with through terminal blocks of the same profile and all other TOPJOB® S terminal blocks

❶ Conductor sizes: 0.5 mm² ... 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² ... 10 mm² "s" and 1.5 mm² ... 6 mm² "insulated ferrule, 12 mm"

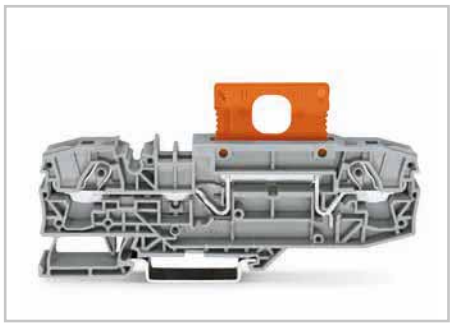
❷ AC/DC 1000 V = rated voltage
DC 1500 V
12 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

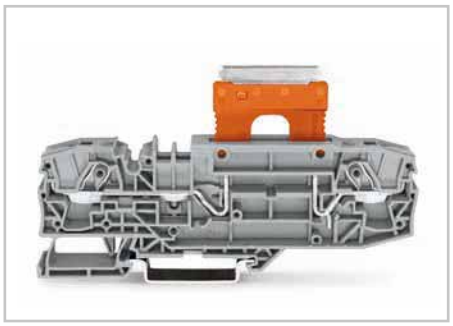
❹ Protective warning marker must be applied individually.



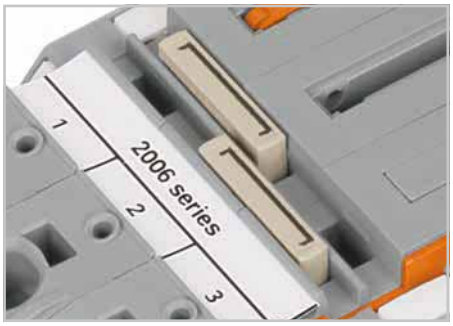
Carrier terminal block (2006-8661) with receptacle for orange disconnect plug



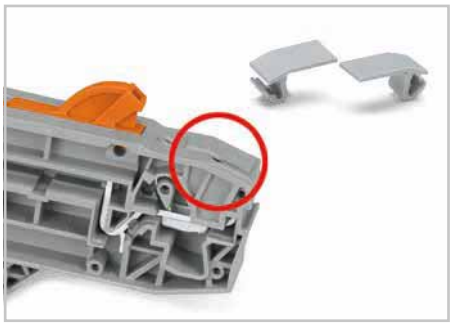
Orange disconnect plug (2006-8401) in operating position



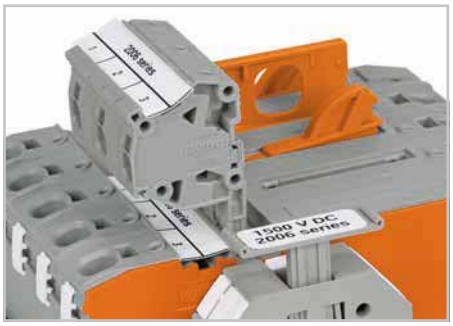
Orange disconnect plug (2006-8401) in parked position



Commoning a 15 mm wide terminal block via push-in type jumper bars: 1 to 3 (2006-433) and 1 to 5 (2006-435).

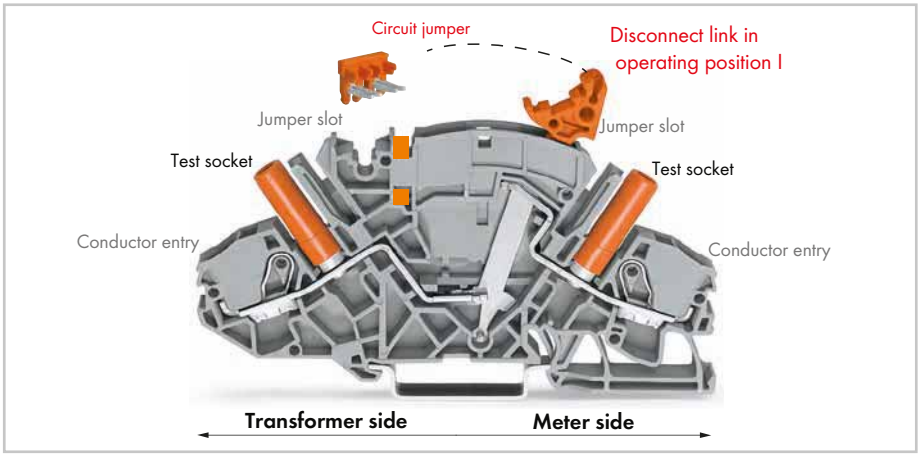


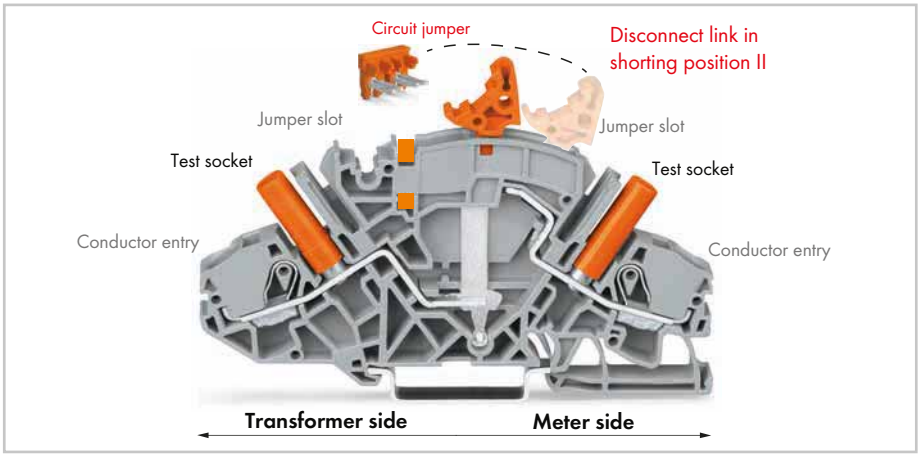
Cover seals unused conductor entry.

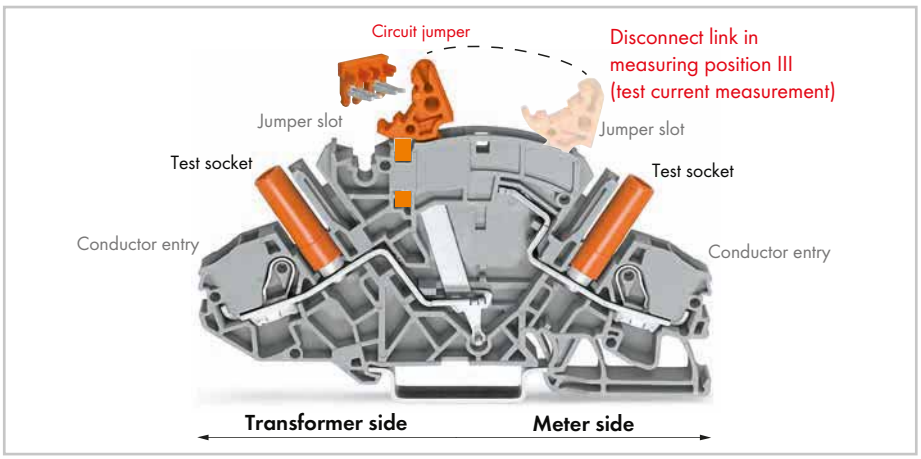


Alternatively, measurement can also be performed using TOPJOB® S connectors (2006-511) from terminal block 1 to 2. Spacer modules (2006-549) must be used to compensate for the 15 mm terminal block width.

TOPJOB® S
2007-8821 Current Transformer Terminal Blocks (Orange Disconnect Link)







The TOPJOB® S current transformer (disconnect/test) terminal block **(2007-8821)** has been specially designed for current and voltage transformer circuits to measure the current transformer's operability.

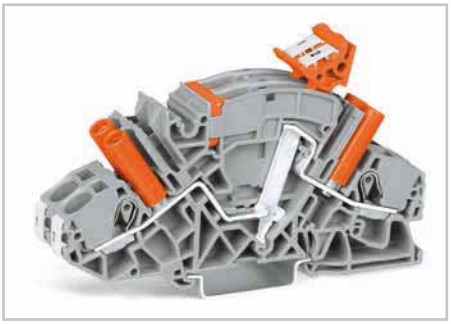
First, the current transformer is shorted via disconnect link and circuit jumper (insert jumper, move disconnect link from operation position I to shorting position II, activate shorting path). Connecting a measuring device via test socket on the meter side can only be performed once circuit disconnection is complete (disconnect link in measuring position III).

- Features top-of-unit circuit jumper slot for shorting path activation.
- Disconnect link provides intuitive and easy operation, as well as exact switching status indication.
- Combines high functionality with compact design (99.6 mm long and 8 mm wide).
- All 2007 Series terminal blocks are rated 30 A/500 V (IEC) and 300 V (UL).
- With a terminal block width of 8 mm, the maximum cross-section for solid and fine-stranded conductors is 10 mm² (AWG 8) and 6 mm² (AWG 10) for ferruled conductors.
- Touch-proof test sockets for 4 mm Ø test plugs on transformer and meter side.
- Compatible with through and ground conductor terminal blocks of same profile.

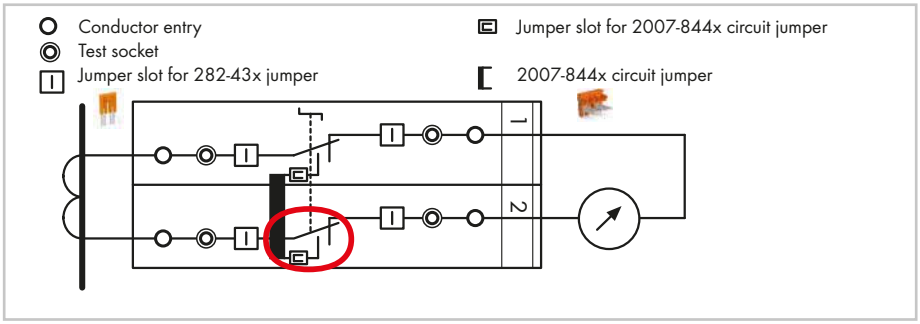
Preparing the shorting path for current transformer circuits
Inserting insulated, touch-proof circuit jumpers into jumper slot. Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.

TOPJOB® S
Implementing a Current and Voltage Transformer Circuit

Disconnect link in operating position I

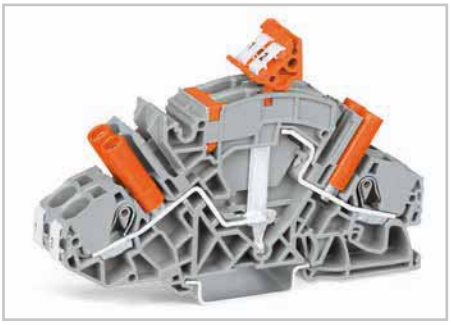


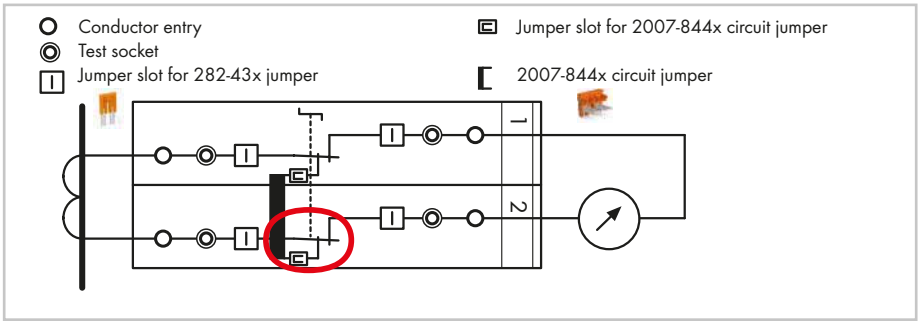
Terminal blocks required:
2 x disconnect/test terminal block 2007-8821
1 x circuit jumper, orange 2007-8442
optional with locking covers or interlocking links



In operating position, the measuring device is connected to the transformer, the circuit jumper is inserted and the disconnect link is in position I.

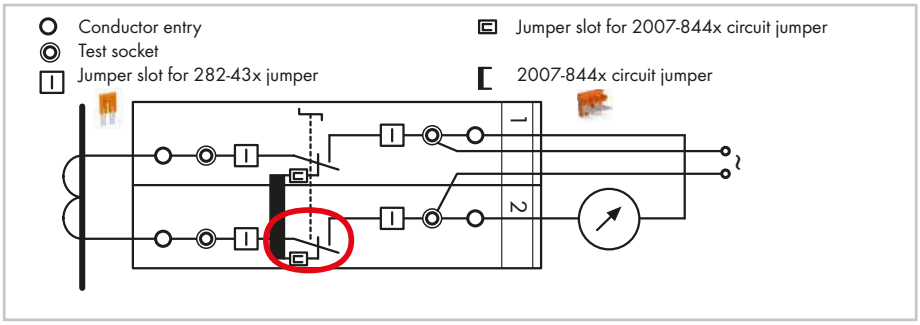
Disconnect link in shorting position II





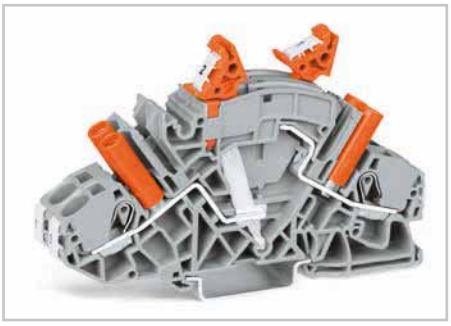
The transformer is **not** disconnected from the measuring device yet, the shorting path is activated by moving the disconnect link into shorting position II and the transformer is safely shorted.

Measuring, disconnect link in measuring position III / test current measurement

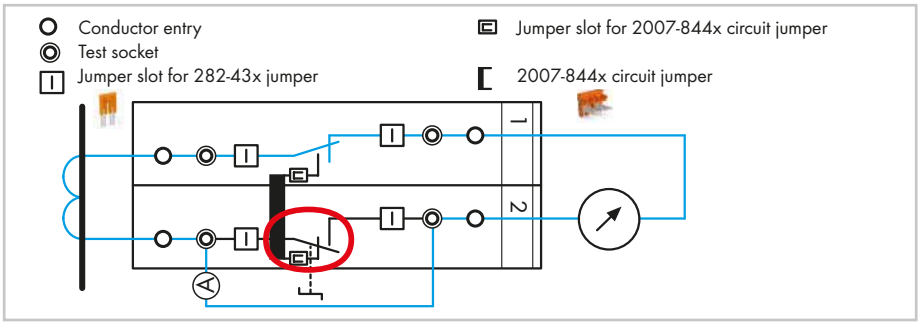


The measuring device/relay is electrically disconnected from the transformer. If required, an external voltage can be applied to the measuring device/relay via the test socket.

Measurement testing via both test sockets



Terminal block 1: Disconnect link in operating position I
Terminal block 2: Disconnect link in measuring position III

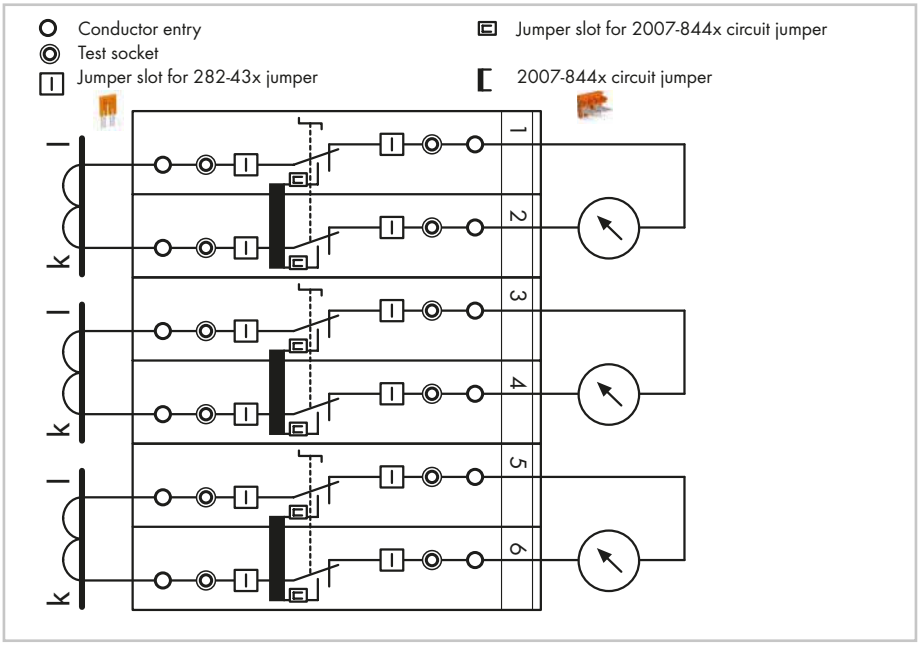


Measurement testing: First insert the reference current meter (A) into the test socket, then move the disconnect link into measurement position III (test current measurement).

Examples for Current Transformer Circuits

Measuring set for a 3-phase current transformer

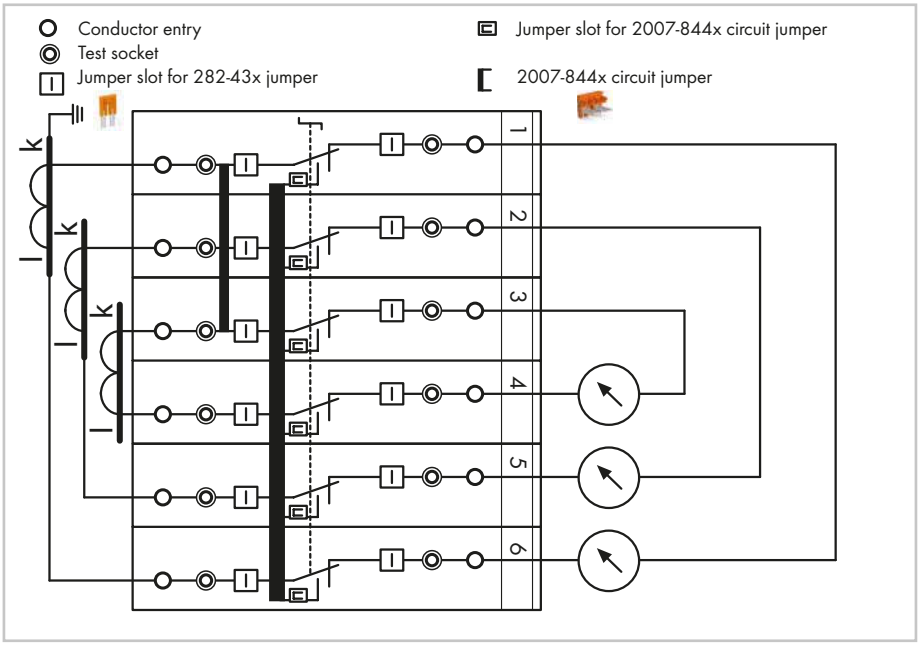
Terminal blocks required:
6 x disconnect/test terminal block 2007-8821
3 x circuit jumper, orange 2007-8442
In addition: interlocking links, locking covers, lock-outs



Pairs of disconnect links are interconnected via locking covers or interlocking links.
Measurement testing is performed after the interlocking is released.

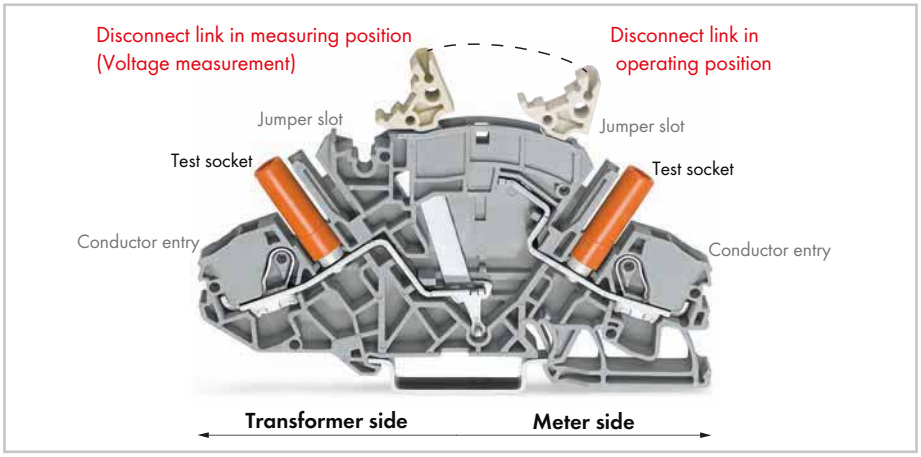
Measuring set for a 3-phase current transformer with 'Y' point

Terminal blocks required:
6 x disconnect/test terminal block 2007-8821
1 x circuit jumper, orange 2007-8446
1 x jumper, orange 282-433
In addition: interlocking links, locking covers, lock-outs



All 6 disconnect links are interconnected via via locking covers or interlocking links.

TOPJOB® S
2007-8811 Voltage Transformer Terminal Blocks (Light Gray Disconnect Link)



The TOPJOB® S voltage transformer (disconnect/test) terminal block **(2007-8811)** has been specially designed for voltage transformer circuits.

First, the voltage transformer must be disconnected from the circuit (from operating position to measurting position). Connecting a measuring device via test socket on the meter side can only be performed once circuit disconnection is completed (measuring position).

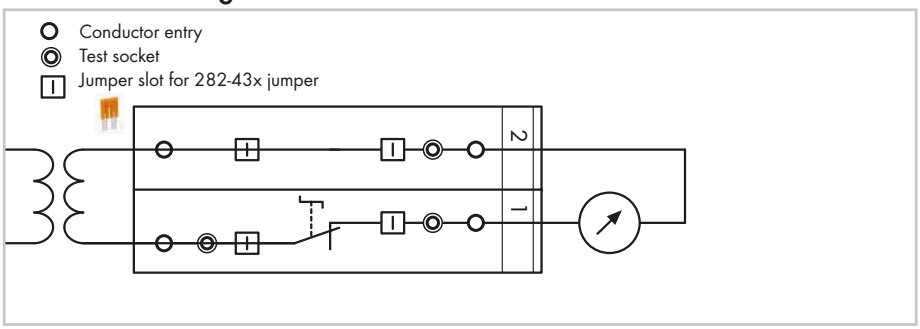
- For voltage transformer circuits (no circuit jumper slot required as for current transformer terminal block 2007-8821).
- Disconnect link provides intuitive and easy operation, as well as exact switching status indication.
- Combines high functionality with compact design (99.6 mm long and 8 mm wide).
- All 2007 Series terminal blocks are rated at 30 A/500 V (IEC) and 300 V (UL).
- With a terminal block width of 8 mm, the maximum cross-section for solid and fine-stranded conductors is 10 mm² (AWG 8) and 6 mm² (AWG 10) for ferruled conductors.
- Touch-proof test sockets for 4 mm Ø test plugs on transformer and meter side.
- Compatible with through and ground conductor terminal blocks of same profile.

Example for voltage transformer testing
Measuring set for single-phase voltage transformer testing

Terminal blocks required:

1 x disconnect/test terminal block	2007-8811
1 x through terminal block	2007-8801
1 x end plate, orange	2007-8892

In addition: locking cover, lock-out

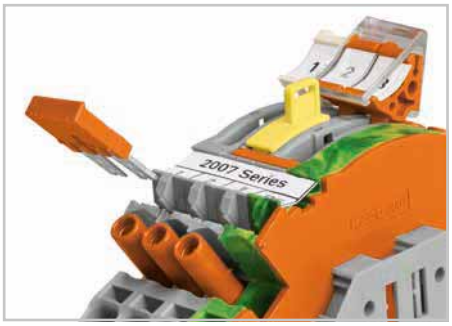


Disconnecting the voltage transformer from the circuit: Move disconnect link from operating position to measuring position.
Voltage measurement: Connecting a measuring device via test socket on the meter side can only be performed after disconnection is completed (measuring position).

Marking

Marking via WMB Multi markers or marking strips.

Commoning



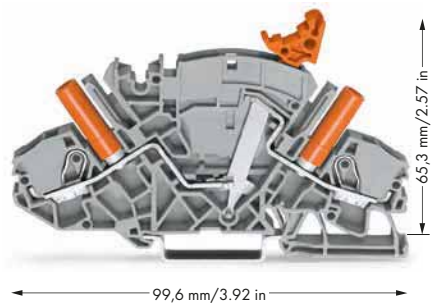
Additional commoning option via circuit-related jumpers or testing via test plug adapters (209-170) on transformer side

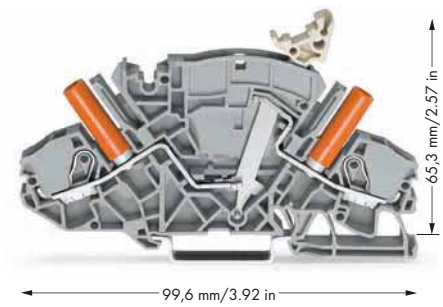
Locking cover for disconnect links

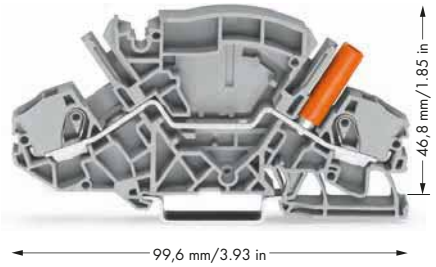
Multipole switching via snap-on type, transparent (locking) cover for disconnect links.

TOPJOB® S
Disconnect Terminal Blocks for Test and Measurement, 6 mm²/30 A, for Current and Voltage Transformer Circuits, 2007 Series

0.5 ... 6 (10) mm² ❶ 500 V/6 kV/3 ❷ I_N 30 A AWG 20 ... 8 300 V, 30 A Terminal block width 8 mm / 0.315 in. 13 ... 15 mm / 0.55 in.❸	0.5 ... 6 (10) mm² ❶ 500 V/6 kV/3 ❷ I_N 30 A AWG 20 ... 8 300 V, 10 A Terminal block width 8 mm / 0.315 in. 13 ... 15 mm / 0.55 in.❸	0.5 ... 6 (10) mm² ❶ 500 V/6 kV/3 ❷ I_N 30 A AWG 20 ... 8 300 V, 30 A Terminal block width 8 mm / 0.315 in. 13 ... 15 mm / 0.55 in.❸







Item No.		Pack. Unit
2-conductor disconnect terminal block for test and measurement, e.g., current transformer circuits, with receptacle for adjacent jumper with switch lever, with touch-proof test sockets, for 4 mm Ø test plug		
gray	**2007-8821**	20

Item No.		Pack. Unit
2-conductor disconnect terminal block for test and measurement, e.g., voltage transformer circuits, with touch-proof test sockets, for 4 mm Ø test plug		
gray	**2007-8811**	20

Item No.		Pack. Unit
2-conductor through terminal block, with touch-proof test socket, for 4 mm Ø test plug		
gray	**2007-8801**	20

Item-Specific Accessories

	Item No.	Pack. Unit
Adjacent jumper for switch lever, insulated, orange, I_N 30 A		
2-way	**2007-8442**	50 (5x10)
3-way	**2007-8443**	50 (5x10)
4-way	**2007-8444**	50 (5x10)
5-way	**2007-8445**	50 (5x10)
6-way	**2007-8446**	50 (5x10)
7-way	**2007-8447**	50 (5x10)
8-way	**2007-8448**	50 (5x10)

2006 Series Accessories

Appropriate marking systems: WMB/Marking strips

End and separator plate, 1.5 mm thick, without use of lock-out seal		
orange	**2007-8892**	50 (5x10)
gray	**2007-8891**	50 (5x10)
End and separator plate, 1.5 mm thick, for use of lock-out seal		
orange	**2007-8894**	50 (5x10)
gray	**2007-8893**	50 (5x10)
Lock-out, for disconnect link		
yellow	**2007-8899**	100 (5x20)
Locking cover, transparent, mechanically locks multiple links		
1-pole	**282-881**	50 (5x10)
2-pole	**282-882**	50 (5x10)
3-pole	**282-883**	50 (5x10)
4-pole	**282-884**	50 (5x10)
5-pole	**282-885**	50 (5x10)
6-pole	**282-886**	50 (5x10)
7-pole	**282-887**	50 (5x10)
8-pole	**282-888**	50 (5x10)

Jumper, insulated, I_N 30 A, orange		
2-way	**282-432**	50 (5x10)
3-way	**282-433**	50 (5x10)
4-way	**282-434**	50 (5x10)
5-way	**282-435**	50 (5x10)
6-way	**282-436**	50 (5x10)
7-way	**282-437**	50 (5x10)
8-way	**282-438**	50 (5x10)
9-way	**282-439**	50 (5x10)
10-way	**282-440**	50 (5x10)
Jumper with safety lid, insulated, I_N 30 A, orange		
2-way	**282-432/100-000**	
3-way	**282-433/100-000**	
4-way	**282-434/100-000**	
		50 (5x10)
Interlocking link, mechanically locks multiple links, 1 m/3'3" long		
transparent	**210-254**	1

Jumper, special design, I_N 30 A, orange		
1-3-5	**282-435/011-000**	
1-2-4-6	**282-436/301-000**	
1-3-5-7	**282-437/011-000**	
1-4-7	**282-437/012-000**	
1-2-5-8	**282-438/300-000**	
1-4-7-8	**282-438/301-000**	
1-3-5-7-9	**282-439/011-000**	
		50 (5x10)
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks		
yellow	**2006-115**	100 (4x25)
WMB Multi marking system, 10 strips with 10 markers per card, for terminal widths 5 ... 17.5 mm		
plain	**793-501**	5
Marking strip, plain, 11 mm wide, 50 m roll		
white	**2009-110**	1

Approvals see www.wago.com

0.5 … 6 (10) mm² ❶ | **AWG 20 … 8**

Terminal block width 8 mm / 0.315 in.
13 … 15 mm / 0.55 in.❸

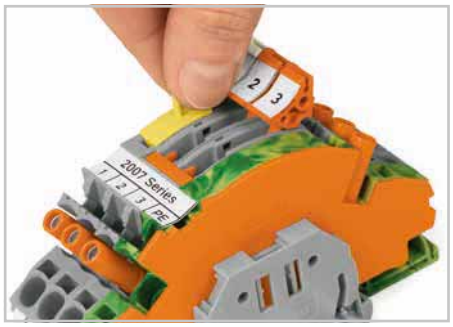
The terminal blocks feature integrated test sockets for touch-proof 4 mm Ø test plugs.

❶ Conductor sizes: 0.5 mm² … 10 mm² "s + f-st"; Push-in conductor sizes: 1 mm² … 10 mm² "s" and 1.5 mm² … 6 mm² "insulated ferrule, 12 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

	Item No.	Pack. Unit
2-conductor ground terminal block, with touch-proof test socket, for 4 mm Ø test plug		
green-yellow	**2007-8807**	20



Lock-out prevents accidental operation of disconnect link.

Lock-out snaps into one of two notched positions.

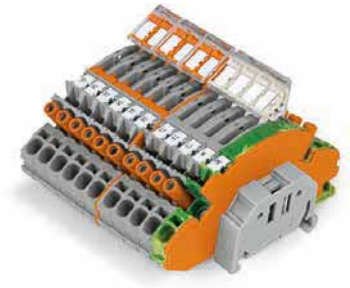
WMB Multi marking system, 10 strips with 10 markers per card, for terminal widths 5 … 17.5 mm, yellow	k/l (50x)	**794-5553/000-002**	5

Interlocking link for mechanical interlocking of several links for multi-pole switching

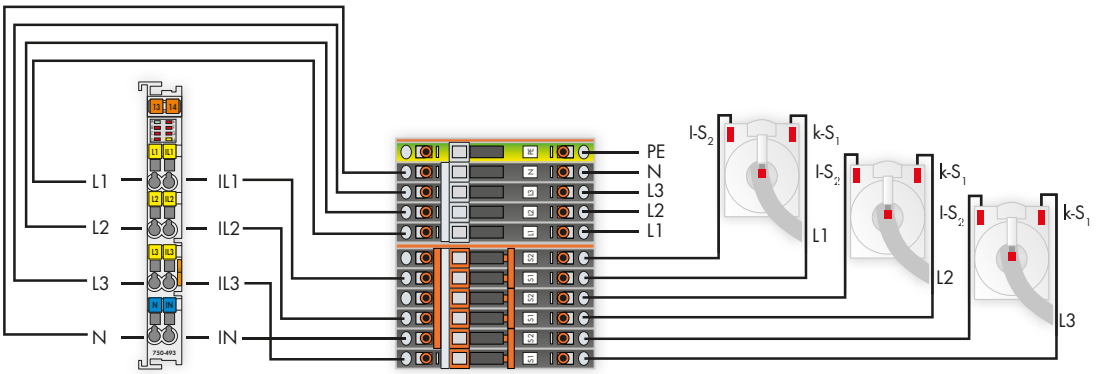
A lock-out seal can be used on the disconnect link in operating position I in connection with end and separator plate (2007-8893 or 2007-8894)

WMB Multi marking system, 10 strips with 10 markers per card, for terminal widths 5 … 17.5 mm, blue	U/V (50x)	**794-5554/000-006**	5

TOPJOB® S
Terminal Block Assemblies for Current and Voltage Transformers
2007 Series



Item No. for 2007-8873 Description	Quantity
249-117 Screwless end stop, 10 mm wide	2
282-882 Locking cover, mechanically locks multiple links, 2-pole	3
282-884 Locking cover, mechanically locks multiple links, 4-pole	1
2007-8442 Adjacent jumper for switch lever, insulated, 2-way	3
2007-8807 2-conductor ground terminal block, with touch-proof test socket, for 4 mm Ø test plug	1
2007-8811 2-conductor disconnect terminal block for test and measurement, with touch-proof test sockets, for 4 mm Ø test plug	4
2007-8821 2-conductor disconnect terminal block for test and measurement, with touch-proof test sockets, for 4 mm Ø test plug	6
2007-8892 End and separator plate, 1.5 mm thick, without use of lock-out seal	2
2009-115 WMB Inline, plain, 1,500 WMB markers, 5 mm, on roll	21 Markers
282-435/011-000 Jumper, insulated, 1-3-5	1
Assembly width incl. end stop 11.2 cm	



3-Phase Power Measurement Module 750 Series

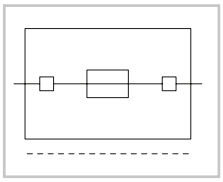
Terminal Block Assembly for Current and Voltage Transformers 2007 Series

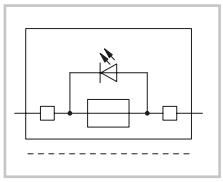
Current Transformers 855 Series

Item No. for 2007-8876 Description	Quantity
249-117 Screwless end stop, 10 mm wide	2
282-369 Collective carrier for jumpers, for DIN 35 rail, for jumpers for transverse switching terminal block (282-811) and longitudinal switching disconnect terminal block (282-821)	1
282-882 Locking cover, mechanically locks multiple links, 2-pole	3
2007-8442 Adjacent jumper for switch lever, insulated, 2-way	3
2007-8821 2-conductor disconnect terminal block for test and measurement, with touch-proof test sockets, for 4 mm Ø test plug	6
2007-8892 End and separator plate, 1.5 mm thick, without use of lock-out seal	1
2009-115 WMB Inline, plain, 1,500 WMB markers, 5 mm, on roll	12 Markers
282-435/011-000 Jumper, insulated, 1-3-5	1
Assembly width incl. end stop 8.5 cm	

TOPJOB® S
2004 Series Fuse Plugs
on 2002 Series Carrier Terminal Blocks

Fuse plug with pull-tab **for miniature fuses 5 x 20 mm** **250 V / I_N 6.3 A** **Plug width 6.1 mm / 0.24 in.**	**Fuse plug with pull-tab** **for miniature fuses 5 x 20 mm** **250 V / I_N 6.3 A** **Plug width 6.1 mm / 0.24 in.**





Item No.		Pack. Unit
Fuse plug with pull-tab,		
for miniature fuses 5 x 20 mm		
Both nominal voltage and current are given by the fuse.		
gray	**2004-911**	50

Item No.		Pack. Unit
Fuse plug with pull-tab,		
for miniature fuses 5 x 20 mm,		
with indicator lamp, gray		
Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
12 ... 30 V	**2004-911/1000-541**	50
30 ... 65 V	**2004-911/1000-542**	50
120 V	**2004-911/1000-867**	50
230 V	**2004-911/1000-836**	50

Accessories

Appropriate marking systems: WMB/Marking strips

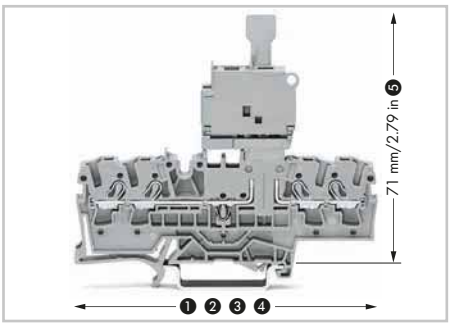
2-conductor carrier terminal block,			
❶	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1661**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1692**	100 (4x25)
	gray	**2002-1691**	100 (4x25)
3-conductor carrier terminal block,			
❷	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1761**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1792**	100 (4x25)
	gray	**2002-1791**	100 (4x25)
4-conductor carrier terminal block,			
❸	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1861**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1892**	100 (4x25)
	gray	**2002-1891**	100 (4x25)

2-conductor carrier terminal block,			
❹	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1961**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1992**	100 (4x25)
	gray	**2002-1991**	100 (4x25)
Double-deck carrier terminal block,			
	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	L/L	**2002-2961**	50
Double-deck carrier terminal block,			
	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	L/N	**2002-2963**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-2992**	100 (4x25)
	gray	**2002-2991**	100 (4x25)
End plate for fuse terminal blocks,			
	2 mm thick		
	orange	**2002-992**	100 (4x25)
	gray	**2002-991**	100 (4x25)
Shorting link, 5 x 20 mm,			
	if the fuse plug is used as disconnect plug		
	I_N 6.3 A	**281-503**	250 (10x25)

Accessories

WMB Multi marking system,			
	10 strips with 10 markers per card,		
	stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5
WMB Multi marking system, plain,			
	10 strips with 10 markers per card,		
	stretchable 5 ... 5.2 mm		
	yellow	**793-5501/000-002**	
	red	**793-5501/000-005**	
	blue	**793-5501/000-006**	
	gray	**793-5501/000-007**	
	orange	**793-5501/000-012**	
	light green	**793-5501/000-017**	
	green	**793-5501/000-023**	
	violet	**793-5501/000-024**	
			5

Approvals see www.wago.com



Fuse plug dimensions:
❶ 66.5 mm/2.62 in. for 2002-1661
❷ 76.8 mm/3.02 in. for 2002-1761
❸ 87.5 mm/3.45 in. for 2002-1861
❸ 72.9 mm/2.87 in. for 2002-1961
❹ with inserted fuse plug

Using pluggable fuse holders with rail-mount terminal blocks for control circuit protection is highly advantageous for the user since the function and the wiring are accomplished by two separate parts:

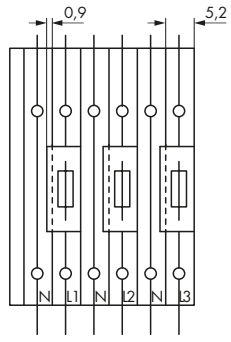
- No additional cost for assembly and wiring
- No risk of accidental contact with live parts during disconnection of fuse plug
- If exchanging a defective fuse, the fuse plug is completely separated from the carrier terminal block. This provides safe fuse changeout away from current carrying parts.
- The fuse plug can be removed by service personnel, avoiding unintentional reclosing of the circuit by another person.
- Quick replacement a fuse by using a prepared "stand-by plug."

The following fuse plug features provide quick and safe handling:

- Optional LED indicates blown fuse
- Marking slot on the fuse plug for clear coordination to the correct carrier terminal block
- Two touch-proof test slots
- High density with only 6.1 mm width of terminal block/ fuse plug
- Instead of a fuse, a shorting link may be used as a disconnect plug.

Miniature fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2004-911 **2004-911/....-....**	1.6 W	1.6 W	2.5 W	2.5 W

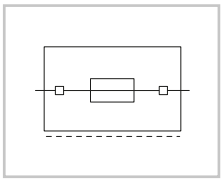


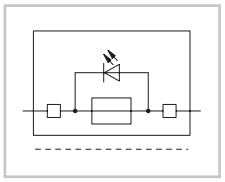
Open side of terminal block left

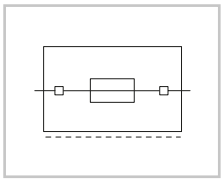
Please note:
The extra width of the plug (6.1 mm compared to 5.2 mm for carrier terminal blocks) must be compensated for by intermediate plates (1 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.

TOPJOB® S
Fuse Plugs on Carrier Terminal Blocks 6 (10) mm²
2006 Series

Fuse plug with pull-tab	Fuse plug with pull-tab	Fuse plug with pull-tab
800 V / I_N 10 A Plug width 7.4 mm / 0.291 in.	800 V / I_N 10 A Plug width 7.4 mm / 0.291 in.	800 V / I_N 10 A Plug width 10.4 mm / 0.409 in.







Item No.		Pack. Unit
Fuse plug with pull-tab		
Both nominal voltage and current are given by the fuse.		
for miniature fuses 5 x 20 mm		
gray	**2006-911**	25
for miniature fuses 5 x 30 mm		
gray	**2006-921**	25
for miniature fuses ¼" x 1¼"		
gray	**2006-931**	25

Item No.		Pack. Unit
Fuse plug with pull-tab, gray,		
with indicator lamp		
Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA,		
for miniature fuses 5 x 20 mm		
12 ... 30 V	**2006-911/1000-541**	25
30 ... 65 V	**2006-911/1000-542**	25
120 V	**2006-911/1000-867**	25
230 V	**2006-911/1000-836**	25
for miniature fuses 5 x 30 mm		
12 ... 30 V	**2006-921/1000-541**	25
30 ... 65 V	**2006-921/1000-542**	25
120 V	**2006-921/1000-867**	25
230 V	**2006-921/1000-836**	25
380 ... 500 V	**2006-921/1000-859**	25
for miniature fuses ¼" x 1¼"		
12 ... 30 V	**2006-931/1000-541**	25
30 ... 65 V	**2006-931/1000-542**	25
120 V	**2006-931/1000-867**	25
230 V	**2006-931/1000-836**	25
380 ... 500 V	**2006-931/1000-859**	25

Item No.		Pack. Unit
Fuse plug with pull-tab		
Both nominal voltage and current are given by the fuse.		
for miniature fuses ¼" x 1¼"		
gray	**2006-931/099-000**	25

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2006-1692**	100 (4x25)
gray	**2006-1691**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2006-1692**	100 (4x25)
gray	**2006-1691**	100 (4x25)

Item-Specific Accessories

Intermediate plate, 2.9 mm thick

orange	**2006-1696**	100 (4x25)
gray	**2006-1695**	100 (4x25)

Accessories fuse plugs

Appropriate marking systems: WMB/Marking strips

End plate for fuse terminal blocks,

2 mm thick

orange	**2006-992**	100 (4x25)
gray	**2006-991**	100 (4x25)

Shorting link, 5 x 20 mm,

if the fuse plug is used as disconnect plug

I_N 6.3 A	**281-503**	250 (10x25)

Screwless end stop,

for DIN 35 rail,

6 mm wide

gray	**249-116**	100 (4x25)

2-conductor carrier terminal block,

0.5 ... 6 (10) mm² / AWG 20 ... 8

Terminal block width 7.5 mm / 0.295 in.

gray	**2006-1661**	25

WMB Multi marking system,

10 strips with 10 markers per card,

stretchable 5 ... 5.2 mm

plain	**793-5501**	5

Screwless end stop,

for DIN 35 rail,

10 mm wide

gray	**249-117**	50 (2x25)

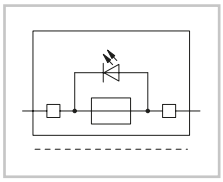
Approvals see www.wago.com

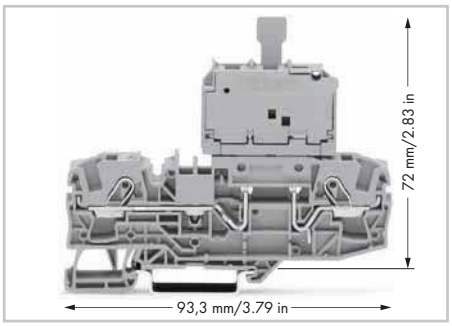
Fuse plug with pull-tab

800 V / I_N 10 A
Plug width 10.4 mm / 0.409 in.

Using pluggable fuse holders with rail-mounted terminal blocks for control circuit protection is highly advantageous for the user, as the function and the wiring are accomplished by two separate parts:
- No additional cost for assembly and wiring
- No risk of accidental contact with live parts during disconnection of fuse plug
- If exchanging a defective fuse, the fuse plug is completely separated from the carrier terminal block. This provides changeout away from current carrying parts.
- The fuse plug can be removed by service personnel, avoiding unintentional reclosing of the circuit by another person
- Quick replacement a fuse by using a prepared "stand-by plug."

The following features of the fuse plug ensure quick and safe use:
- Optional LED indicates blown fuse
- Markable fuse plug for clear coordination to the correct carrier terminal block
- Two touch-proof test slots
- High density with only 7.5 mm width of terminal block and fuse plug width 7.4 (10.4) mm
- Instead of a fuse, a shorting link may be used as a disconnect plug



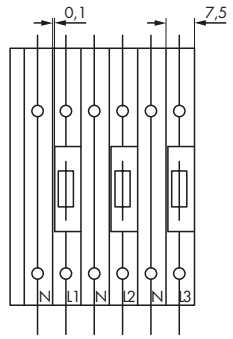


Fuse plug dimensions

Miniature fuses

Series Item No.		Overload and short circuit protection		Short circuit protection only	
		Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fused disconnect terminal blocks					
2006-911	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-921	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-931	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-931 /099-...	10.4	2.5 W	2.5 W	2.5 W	2.5 W
2006-931 /1099-...	10.4	2.5 W	2.5 W	2.5 W	2.5 W

	Item No.	Pack. Unit
Fuse plug with pull-tab, gray, with indicator lamp Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA, for miniature fuses ¼" x 1¼"		
12 ... 30 V	**2006-931/1099-541**	25
30 ... 65 V	**2006-931/1099-542**	25
120 V	**2006-931/1099-867**	25
230 V	**2006-931/1099-836**	25
380 ... 500 V	**2006-931/1099-859**	25



Open side of terminal block left

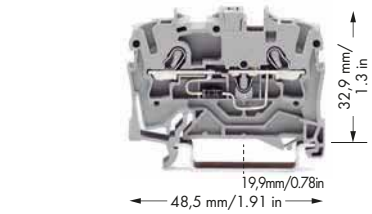
When using the 10.4 mm wide plug, please note:
The extra width of the plug (10.4 mm compared to 7.5 mm for carrier terminal blocks) must be compensated for by intermediate plates (2.9 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.

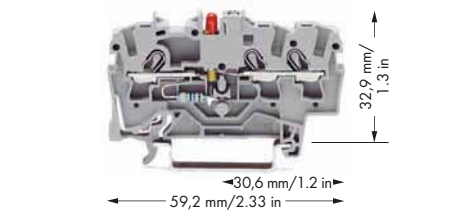
Item-Specific Accessories

Intermediate plate, 2.9 mm thick			
	orange	**2006-1696**	100 (4x25)
	gray	**2006-1695**	100 (4x25)

TOPJOB® S
Diode Terminal Blocks and LED Terminal Blocks 1.5 (2.5) mm²
2001 Series

0.25 … 1.5 (2.5) mm² ❶ | AWG 22 … 14 **U_N 250 V, U_{RM} 1000 V** **1N4007 - 0.5 A continuous current** **Terminal block width 4.2 mm / 0.165 in.** **9 … 11 mm / 0.39 in. ❷**	**0.25 … 1.5 (2.5) mm² ❶ | AWG 22 … 14** **U_N 250 V, U_{RM} 1000 V** **1N4007 - 0.5 A continuous current** **Terminal block width 4.2 mm / 0.165 in.** **9 … 11 mm / 0.39 in. ❷**	**0.25 … 1.5 (2.5) mm² ❶ | AWG 22 … 14** **24 VDC** **I_F 0.025 A max.** **Terminal block width 4.2 mm / 0.165 in.** **9 … 11 mm / 0.39 in. ❷**

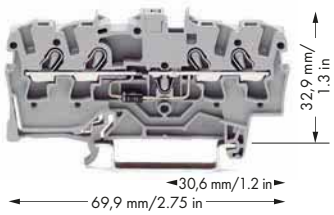


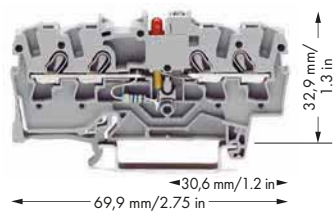


Item No.		Pack. Unit
2-conductor diode terminal block with 1N4007 diode, gray		
◯ Circuit I	**2001-1211/1000-411**	100
◯ Circuit II	**2001-1211/1000-410**	100

Item No.		Pack. Unit
3-conductor diode terminal block with 1N4007 diode, gray		
◯ Circuit I	**2001-1311/1000-411**	100
◯ Circuit II	**2001-1311/1000-410**	100

Item No.		Pack. Unit
3-conductor LED terminal block with red LED, 24 VDC, gray Notice: This LED terminal block cannot be commoned with push-in type jumper bars!		
◯ Circuit I	**2001-1321/1000-413**	100
◯ Circuit II	**2001-1321/1000-434**	100





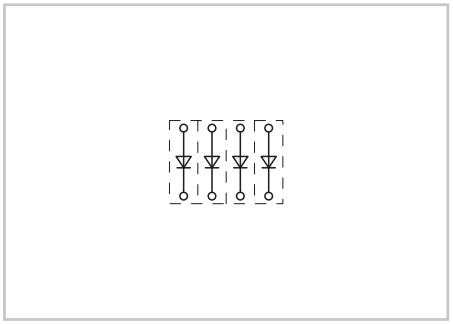
	Item No.	Pack. Unit
Through terminal blocks with same profile, see page 20		

Item No.		Pack. Unit
4-conductor diode terminal block with 1N4007 diode, gray		
◯ Circuit I	**2001-1411/1000-411**	100
◯ Circuit II	**2001-1411/1000-410**	100

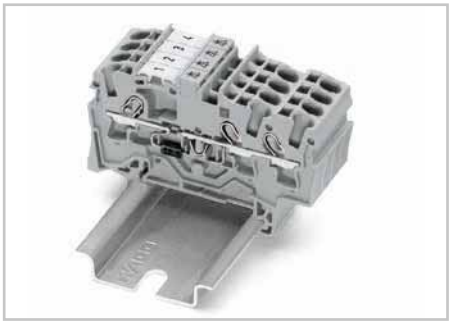
Item No.		Pack. Unit
4-conductor LED terminal block with red LED, 24 VDC, gray Notice: This LED terminal block cannot be commoned with push-in type jumper bars!		
◯ Circuit I	**2001-1421/1000-413**	100
◯ Circuit II	**2001-1421/1000-434**	100

Approvals see www.wago.com

Circuit Configuration Examples
Diode Terminal Blocks and LED Terminal Blocks



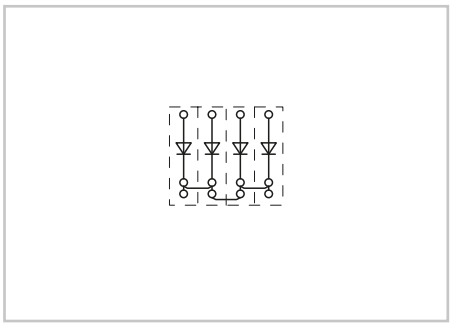
Open diode gates can be created using the following terminal blocks:
2001-1211/1000-410 or
2001-1211/1000-411



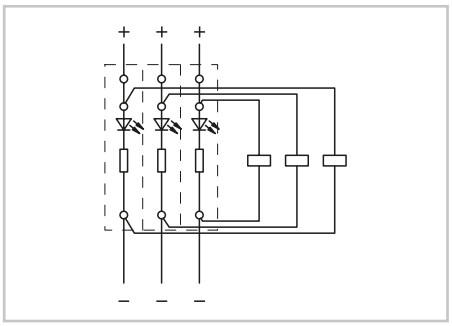
These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.
Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits.

❶ Conductor sizes: 0.25 mm² ... 2.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² ... 2.5 mm² "s" and 0.75 mm² ... 1.5 mm² "insulated ferrules, 12 mm"

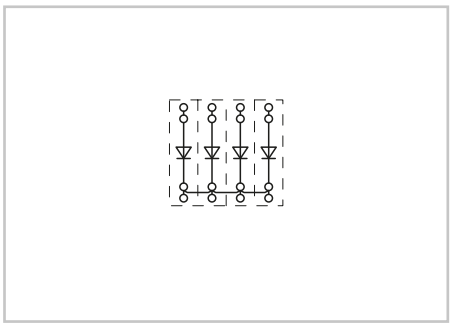
❷ Strip length, see packaging or instructions.



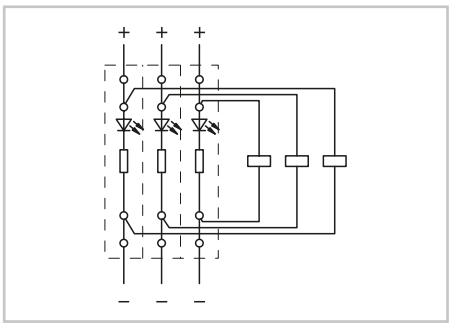
Polarized diode gates with common cathode can be created using the following terminal blocks:
2001-1311/1000-410 or
2001-1311/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2001-1321/1000-434 or
2001-1321/1000-413



Polarized diode gates with common cathode can be created using the following terminal blocks:
2001-1411/1000-410 or
2001-1411/1000-411



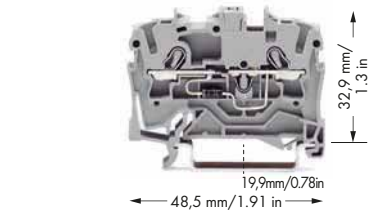
Circuit-related voltage indications can be created using the following terminal blocks:
2001-1421/1000-434 or
2001-1421/1000-413

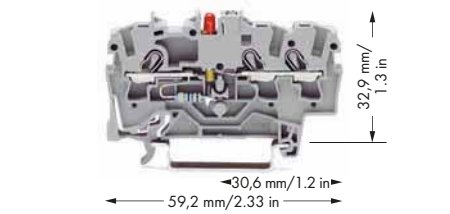
2001 Series Accessories

Insulation stop,			
	5 pcs/strip, 0.25 ... 0.5 mm²		
	light gray	**2001-171**	200 (8x25)
Push-in type jumper bar, insulated,			
	I_N 18 A, light gray		
	2-way	**2001-402**	200 (8x25)
	3-way	**2001-403**	200 (8x25)
	4-way	**2001-404**	200 (8x25)
	5-way	**2001-405**	100 (4x25)
	6-way	**2001-406**	100 (4x25)
	7-way	**2001-407**	100 (4x25)
	8-way	**2001-408**	100 (4x25)
	9-way	**2001-409**	100 (4x25)
	10-way	**2001-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 18 A, light gray		
	from 1 to 3	**2001-433**	200 (8x25)
	from 1 to 4	**2001-434**	200 (8x25)
	from 1 to 5	**2001-435**	100 (4x25)
	from 1 to 6	**2001-436**	100 (4x25)
	from 1 to 7	**2001-437**	100 (4x25)
	from 1 to 8	**2001-438**	100 (4x25)
	from 1 to 9	**2001-439**	100 (4x25)
	from 1 to 10	**2001-440**	100 (4x25)

TOPJOB® S
Diode Terminal Blocks and LED Terminal Blocks 2.5 (4) mm²
2002 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 **U_N 250 V, U_{RM} 1000 V** **1N4007 - 0.5 A continuous current** **Terminal block width 5.2 mm / 0.205 in.** **10 … 12 mm / 0.43 in.❷**	**0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12** **U_N 250 V, U_{RM} 1000 V** **1N4007 - 0.5 A continuous current** **Terminal block width 5.2 mm / 0.205 in.** **10 … 12 mm / 0.43 in.❷**	**0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12** **24 VDC** **I_F 0.025 A max.** **Terminal block width 5.2 mm / 0.205 in.** **10 … 12 mm / 0.43 in.❷**

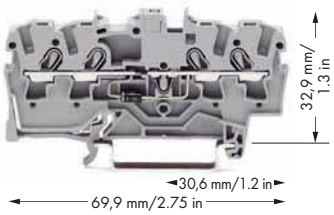


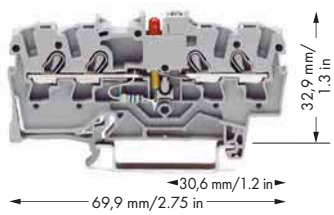


Item No.		Pack. Unit
2-conductor diode terminal block with 1N4007 diode, gray		
◯ Circuit I	**2002-1211/1000-411**	100
◯ Circuit II	**2002-1211/1000-410**	100

Item No.		Pack. Unit
3-conductor diode terminal block with 1N4007 diode, gray		
◯ Circuit I	**2002-1311/1000-411**	100
◯ Circuit II	**2002-1311/1000-410**	100

Item No.		Pack. Unit
3-conductor LED terminal block with red LED, 24 VDC, gray Notice: This LED terminal block cannot be commoned with push-in type jumper bars!		
◯ Circuit I	**2002-1321/1000-413**	100
◯ Circuit II	**2002-1321/1000-434**	100





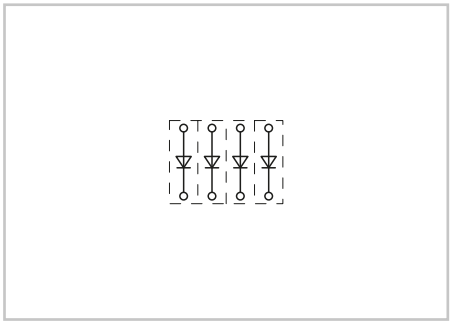
	Item No.	Pack. Unit
Through terminal blocks with same profile, see page 22		

Item No.		Pack. Unit
4-conductor diode terminal block with 1N4007 diode, gray		
◯ Circuit I	**2002-1411/1000-411**	100
◯ Circuit II	**2002-1411/1000-410**	100

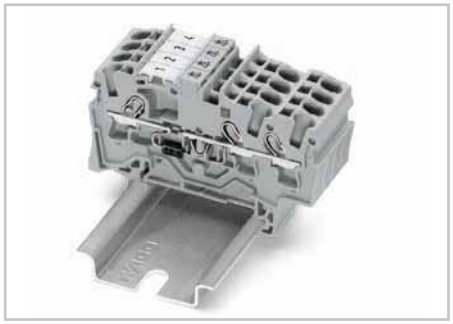
Item No.		Pack. Unit
4-conductor LED terminal block with red LED, 24 VDC, gray Notice: This LED terminal block cannot be commoned with push-in type jumper bars!		
◯ Circuit I	**2002-1421/1000-413**	100
◯ Circuit II	**2002-1421/1000-434**	100

Approvals see www.wago.com

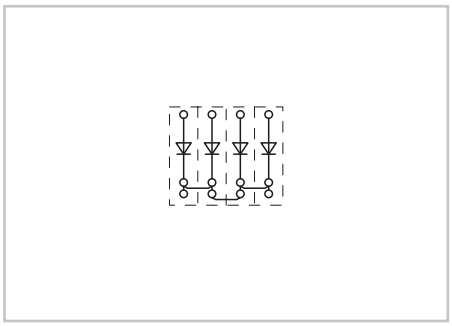
Circuit Configuration Examples
Diode Terminal Blocks and LED Terminal Blocks



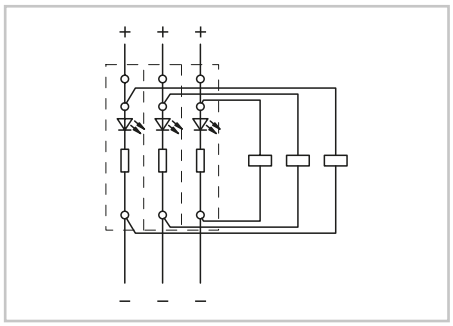
Open diode gates can be created using the following terminal blocks:
2002-1211/1000-410 or
2002-1211/1000-411



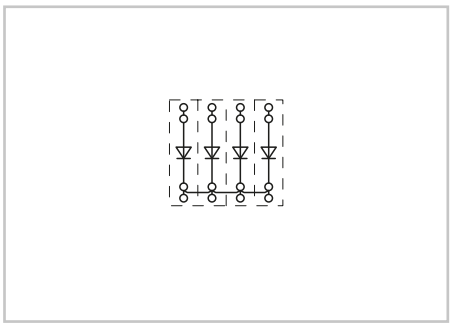
These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.



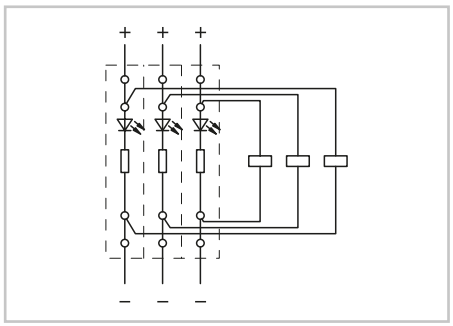
Polarized diode gates with common cathode can be created using the following terminal blocks:
2002-1311/1000-410 or
2002-1311/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2002-1321/1000-434 or
2002-1321/1000-413



Polarized diode gates with common cathode can be created using the following terminal blocks:
2002-1411/1000-410 or
2002-1411/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2002-1421/1000-434 or
2002-1421/1000-413

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

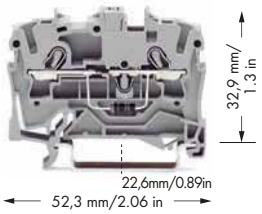
❷ Strip length, see packaging or instructions.

2002 Series Accessories

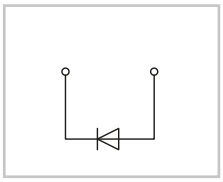
Insulation stop,			
	5 pcs/strip, 0.25 ... 0.5 mm² light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip, 0.75 ... 1 mm² dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
	I_N 25 A, light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A, light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)

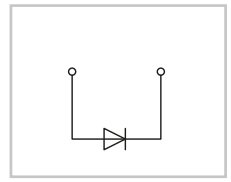
TOPJOB® S
Diode Terminal Blocks 4 (6) mm²
2004 Series

0.5 ... 4 (6) mm² ❶ | AWG 20 ... 10 **U_N 250 V, U_{RM} 1000 V** **1N5408 - 1.5 A continuous current** **Terminal block width 6.2 mm / 0.244 in.** **11 ... 13 mm / 0.47 in.❷**	**0.5 ... 4 (6) mm² ❶ | AWG 20 ... 10** **U_N 250 V, U_{RM} 1000 V** **1N5408 - 1.5 A continuous current** **Terminal block width 6.2 mm / 0.244 in.** **11 ... 13 mm / 0.47 in.❷**

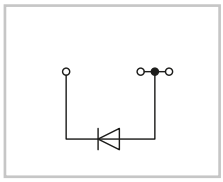


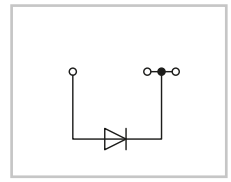
Circuit I Circuit II





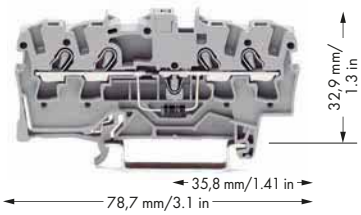
Circuit I Circuit II



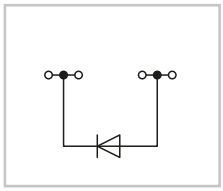


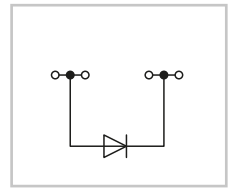
	Item No.	Pack. Unit
2-conductor diode terminal block with 1N5408		
diode, gray		
Circuit I	**2004-1211/1000-401**	50
Circuit II	**2004-1211/1000-400**	50

	Item No.	Pack. Unit
3-conductor diode terminal block with 1N5408		
diode, gray		
Circuit I	**2004-1311/1000-401**	50
Circuit II	**2004-1311/1000-400**	50



Circuit I Circuit II



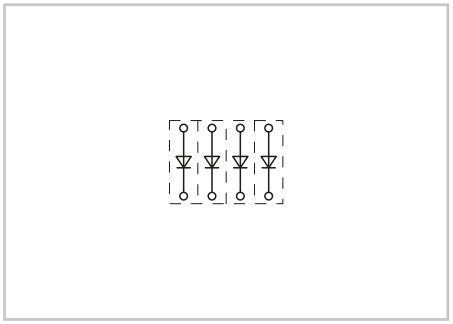


	Item No.	Pack. Unit
Through terminal blocks with same profile, see page 18		

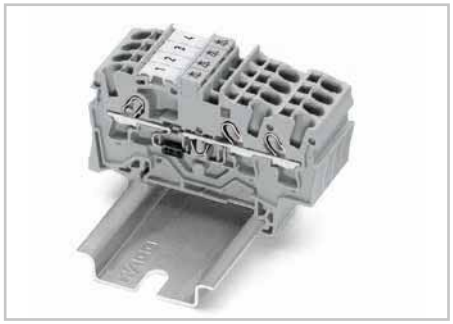
	Item No.	Pack. Unit
4-conductor diode terminal block with 1N5408		
diode, gray		
Circuit I	**2004-1411/1000-401**	50
Circuit II	**2004-1411/1000-400**	50

Approvals see www.wago.com

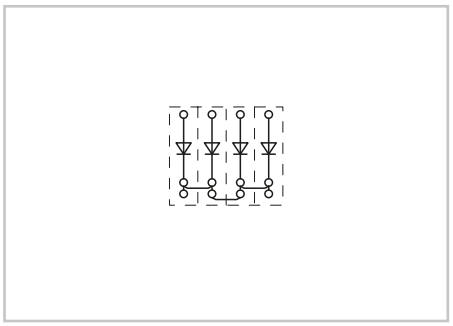
Circuit Configuration Examples
Diode Terminal Blocks



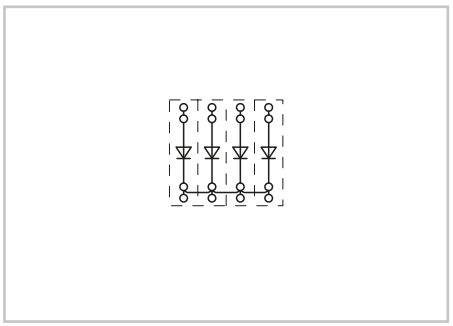
Open diode gates can be created using the following terminal blocks:
2004-1211/1000-400 or
2004-1211/1000-401



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



Polarized diode gates with common cathode can be created using the following terminal blocks:
2004-1311/1000-400 or
2004-1311/1000-401



Polarized diode gates with common cathode can be created using the following terminal blocks:
2004-1411/1000-400 or
2004-1411/1000-401

❶ Conductor sizes: 0.5 mm² ... 6 mm² "s + f-st"; Push-in conductor sizes: 1 mm² ... 6 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

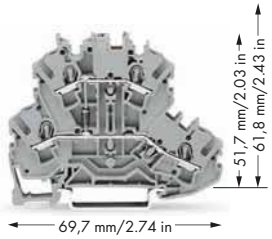
❷ Strip length, see packaging or instructions.

2004 Series Accessories

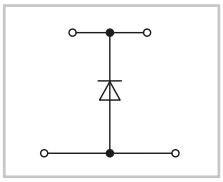
Insulation stop,			
	5 pcs/strip, 0.25 ... 0.5 mm²		
	light gray	**2004-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip, 0.75 ... 1 mm²		
	dark gray	**2004-172**	200 (8x25)
Push-in type jumper bar, insulated,			
	I_N 32 A, light gray		
	2-way	**2004-402**	200 (8x25)
	3-way	**2004-403**	200 (8x25)
	4-way	**2004-404**	100 (4x25)
	5-way	**2004-405**	100 (4x25)
	6-way	**2004-406**	100 (4x25)
	7-way	**2004-407**	100 (4x25)
	8-way	**2004-408**	100 (4x25)
	9-way	**2004-409**	100 (4x25)
	10-way	**2004-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 32 A, light gray		
	from 1 to 3	**2004-433**	200 (8x25)
	from 1 to 4	**2004-434**	200 (8x25)
	from 1 to 5	**2004-435**	100 (4x25)
	from 1 to 6	**2004-436**	100 (4x25)
	from 1 to 7	**2004-437**	100 (4x25)
	from 1 to 8	**2004-438**	100 (4x25)
	from 1 to 9	**2004-439**	100 (4x25)
	from 1 to 10	**2004-440**	100 (4x25)
Wire commoning chain, 50 connections,			
	insulated, I_N 8 A		
	black	**210-103**	1
Wire commoning chain, 50 connections,			
	insulated, I_N 8 A		
	blue	**210-123**	1

TOPJOB® S
Double-Deck Diode Terminal Blocks and LED Terminal Blocks 2.5 (4) mm²
2002 Series

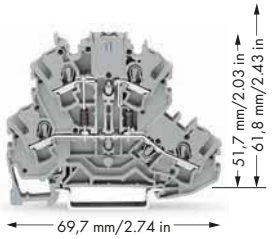
0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 **U_N 250 V, U_{RM} 1000 V** **1N4007 - 0.5 A continuous current** **Terminal block width 5.2 mm / 0.205 in.** **10 ... 12 mm / 0.43 in.❷**	**0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12** **U_N 250 V, U_{RM} 1000 V** **1N4007 - 0.5 A continuous current** **Terminal block width 5.2 mm / 0.205 in.** **10 ... 12 mm / 0.43 in.❷**	**0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12** **24 VDC** **I_F 0.025 A max.** **Terminal block width 5.2 mm / 0.205 in.** **10 ... 12 mm / 0.43 in.❷**



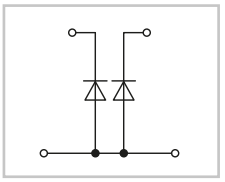
Circuit I Circuit II



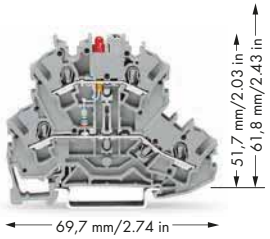
Item No.		Pack. Unit
Double-deck diode terminal block with 1N4007 diode, gray		
Circuit I	**2002-2211/1000-410**	50
Circuit II	**2002-2211/1000-411**	50



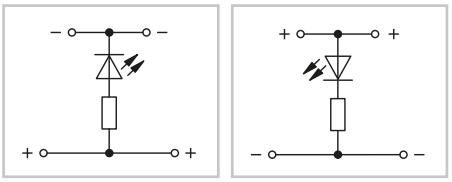
Circuit I Circuit II



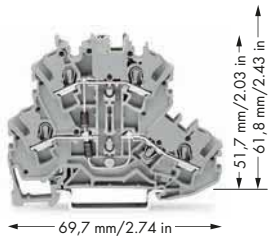
Item No.		Pack. Unit
Double-deck diode terminal block with 2 diodes 1N4007, gray		
Circuit I	**2002-2213/1000-487**	50
Circuit II	**2002-2213/1000-488**	50



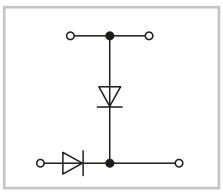
Circuit I Circuit II



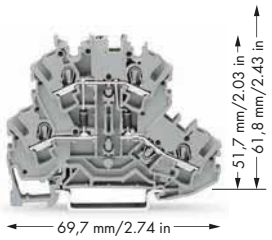
Item No.		Pack. Unit
Double-deck LED terminal block with red LED, 24 VDC, gray		
Circuit I	**2002-2221/1000-434**	50
Circuit II	**2002-2221/1000-413**	50



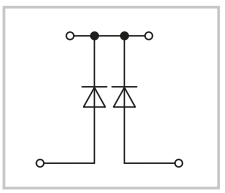
Circuit I Circuit II



Item No.		Pack. Unit
Double-deck diode terminal block with 2 diodes 1N4007, gray		
Circuit I	**2002-2214/1000-492**	50
Circuit II	**2002-2214/1000-491**	50



Circuit I Circuit II

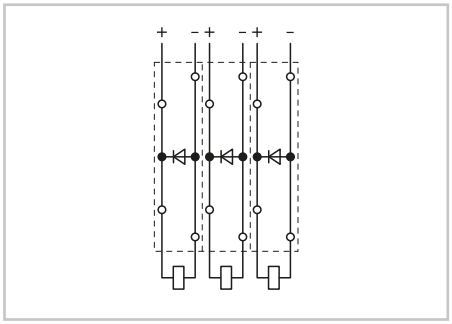


Item No.		Pack. Unit
Double-deck diode terminal block with 2 diodes 1N4007, gray		
Circuit I	**2002-2214/1000-489**	50
Circuit II	**2002-2214/1000-490**	50

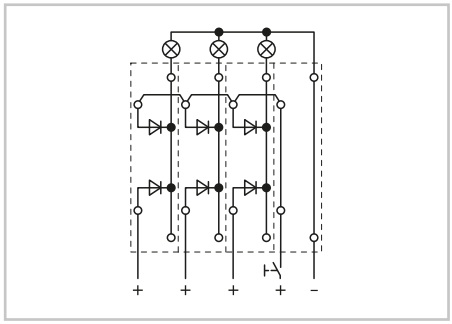
Through terminal blocks with same profile, see page 36

Approvals see www.wago.com

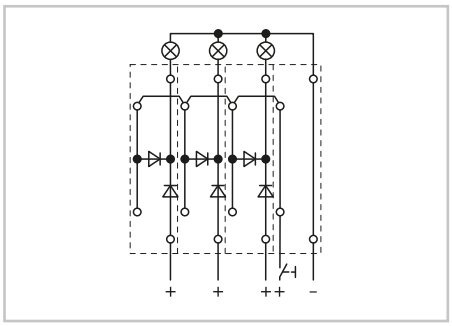
Circuit Configuration Examples
Double-Deck Diode and LED Terminal Blocks



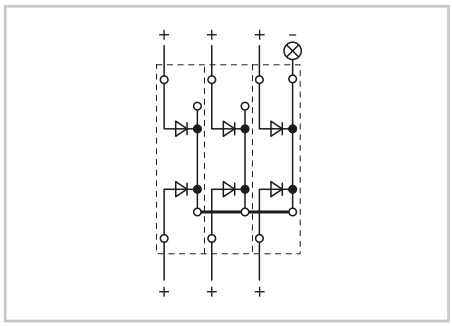
Recovery diodes can be created using the following terminal blocks:
2002-2211/1000-410 or
2002-2211/1000-411



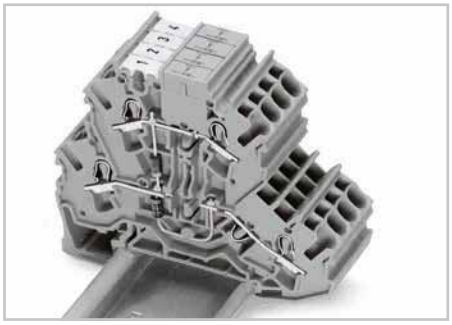
Lamp test circuits can be created using the following terminal blocks:
2002-2213/1000-487 or
2002-2213/1000-488



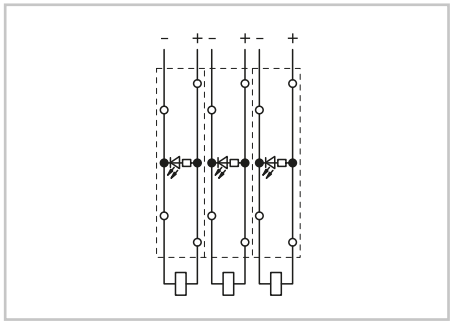
Lamp test circuits can be created using the following terminal blocks:
2002-2214/1000-492 or
2002-2214/1000-491



Collective fault signals can be created using the following terminal blocks:
2002-2214/1000-489 or
2002-2214/1000-490



Double-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, e.g., for control and operating circuits. The terminal blocks provide high-density wiring, while maintaining a width of only 5.2 mm. Push-in type jumper bars provide additional options for custom circuit design.



Circuit-related voltage indications can be created using the following terminal blocks:
2002-2221/1000-434 or
2002-2221/1000-413

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

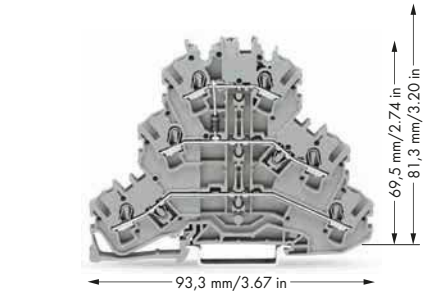
❷ Strip length, see packaging or instructions.

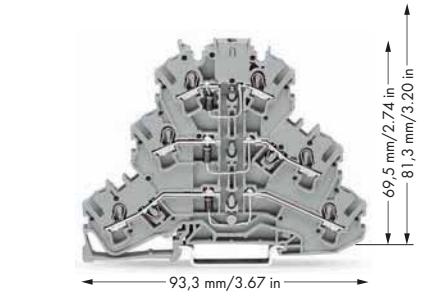
2002 Series Accessories

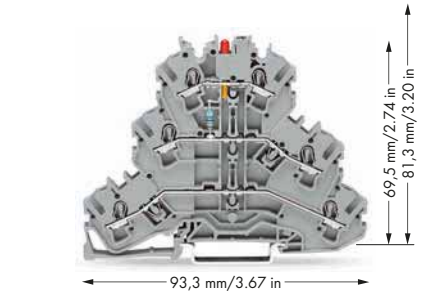
End and intermediate plate, 0.8 mm thick			
	orange	**2002-2292**	100 (4x25)
	gray	**2002-2291**	100 (4x25)
Double-deck marker carrier,			
	pivoting		
	gray	**2002-121**	50 (2x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 ... 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)

TOPJOB® S
Triple-Deck Diode Terminal Blocks and LED Terminal Blocks 2.5 (4) mm²
2002 Series

0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❷	0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❷	0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 24 VDC I_F 0.025 A max. Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❷







	Item No.	Pack. Unit
Triple-deck diode terminal block with 1N4007 diode, gray		
Circuit I	**2002-3211/1000-410**	50
Circuit II	**2002-3211/1000-411**	50

	Item No.	Pack. Unit
Triple-deck diode terminal block with 3 diodes 1N4007, gray		
Circuit I	**2002-3212/1000-673**	50
Circuit II	**2002-3212/1000-674**	50

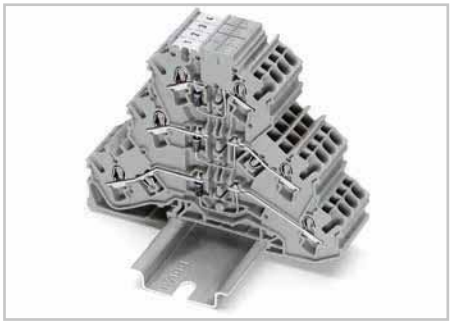
	Item No.	Pack. Unit
Triple-deck LED terminal block with red LED, 24 VDC, gray		
Circuit I	**2002-3221/1000-434**	50
Circuit II	**2002-3221/1000-413**	50

	Item No.	Pack. Unit
Triple-deck diode terminal block with 1N4007 diode, gray		
Circuit I	**2002-3211/1000-675**	50
Circuit II	**2002-3211/1000-676**	50

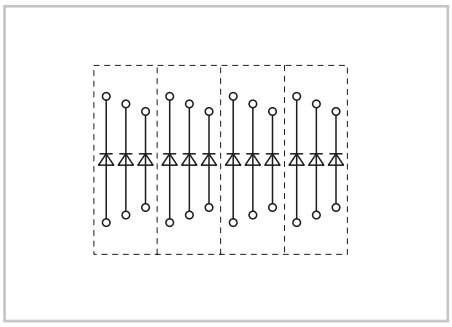
Through terminal blocks with same profile,
see page 46

Approvals see www.wago.com

Circuit Configuration Example
Triple-Deck Diode Terminal Blocks



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, e.g., for control and operating circuits. The terminal blocks provide high-density wiring, while maintaining a width of only 5.2 mm.
Push-in type jumper bars provide additional options for custom circuit design.



Open diode gates can be created, which can be connected individually using the following terminal blocks:
2002-3212/1000-673 or
2002-3212/1000-674
Using push-in type jumper bars, individual levels can be turned into polarized diode gates.

Double-deck and triple-deck LED terminal blocks

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

❷ Strip length, see packaging or instructions.

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 0.8 mm thick

orange	**2002-3292**	100 (4x25)
gray	**2002-3291**	100 (4x25)

Triple-deck marker carrier,

pivoting		
gray	**2002-131**	50 (2x25)

Insulation stop,

5 pcs/strip,		
0.25 ... 0.5 mm²		
light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip,		
0.75 ... 1 mm²		
dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated,

I_N 25 A,		
light gray		
2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 25 A,		
light gray		
from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Modular TOPJOB® S connector,

can be snapped together,		
for jumper contact slot		
gray	**2002-511**	100 (4x25)

Spacer module, can be snapped together,

e.g., for bridging commoned terminal blocks		
gray	**2002-549**	100 (4x25)

End plate,

for modular TOPJOB® S connectors,		
1.5 mm thick		
gray	**2002-541**	100 (4x25)

Test plug,

with 500 mm cable,		
2 mm Ø		
red	**210-136**	50

Test plug adapter,

for 4 mm Ø test plug		
gray	**2009-174**	100 (4x25)

Testing tap,

for max. 2.5 mm²		
gray	**2009-182**	100 (4x25)

Banana plug,

for socket 4 mm Ø,		
color mixed		
	215-111	50

WMB Multi marking system,

10 strips with 10 markers per card,		
stretchable 5 ... 5.2 mm		
plain	**793-5501**	5

WMB Inline, plain,

stretchable 5 ... 5.2 mm,		
1,500 WMB markers, 5 mm, on roll		
white	**2009-115**	1

Marking strip, plain,

11 mm wide,		
50 m roll		
white	**2009-110**	1

TOPJOB® S group marker carrier,

snap-on type for jumper slot,		
5 mm wide		
gray	**2009-191**	50 (2x25)

Screwless end stop,

for DIN 35 rail,		
6 mm wide		
gray	**249-116**	100 (4x25)

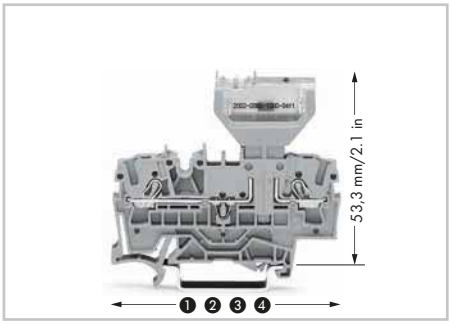
Screwless end stop,

for DIN 35 rail,		
10 mm wide		
gray	**249-117**	50 (2x25)

TOPJOB® S
Pluggable Diode Modules on Carrier Terminal Blocks 2.5 (4) mm², 2002 Series

PUSH-IN CAGE CLAMP®

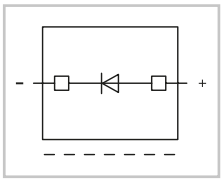
Diode module
with 1N4007 diode
U_N 250 V, U_{RM} 1000 V
I_N 1 A
Plug width 5.2 mm / 0.205 in.



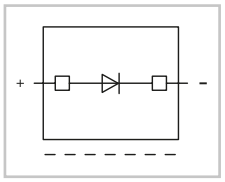
These diode have been designed for use in lamp test circuits or collective fault indicating systems, and offer the following advantages:
- Separation into functional and wiring level
- Polarized direction of switching
- Quick and easy exchange of modules
- High density with only 5.2 mm width of terminal block and module

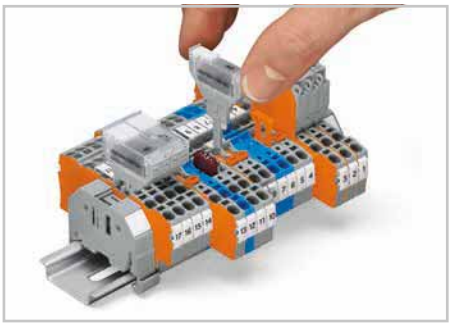
1. Length of 2002-1661: 66.5 mm / 2.62 in. 2-conductor carrier terminal block
2. Length of 2002-1761: 76.8 mm / 3.02 in. 3-conductor carrier terminal block
3. Length of 2002-1861: 87.5 mm / 3.45 in. 4-conductor carrier terminal block
4. Length of 2002-1961: 72.9 mm / 2.87 in. 2-conductor carrier terminal block with additional jumper position
5. See application notes for: Colored push-in type jumper bars, page 163 Staggered jumper, page 166 Push-in type wire jumper, page 164

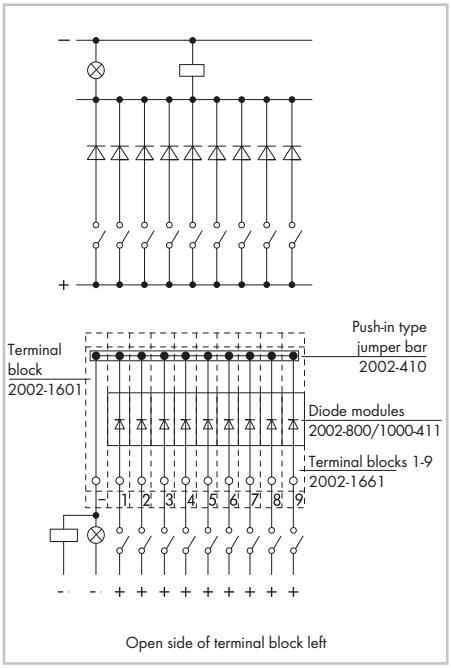
Circuit I



Circuit II







Diode gate for collective fault indication

	Item No.	Pack. Unit
Diode module,		
with 1N4007 diode, max. operating temperature: 85 °C, gray, 5.2 mm wide		
Circuit I	**2002-800/1000-411**	100
Circuit II	**2002-800/1000-410**	100

Carrier Term. Blocks and Accessories

Appropriate marking system: WMB/Marking strips

2-conductor carrier terminal block,			
1	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1661**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1692**	100 (4x25)
	gray	**2002-1691**	100 (4x25)
3-conductor carrier terminal block,			
2	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1761**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1792**	100 (4x25)
	gray	**2002-1791**	100 (4x25)
4-conductor carrier terminal block,			
3	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1861**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1892**	100 (4x25)
	gray	**2002-1891**	100 (4x25)
2-conductor carrier terminal block,			
4	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1961**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1992**	100 (4x25)
	gray	**2002-1991**	100 (4x25)

Accessories

Push-in type wire jumper,			
5	insulated,		
	I_N 18 A,		
	wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)
Push-in type jumper bar, insulated,			
5	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Staggered jumper,			
5	insulated,		
	I_N 25 A,		
	light gray		
	2-way	**2002-472**	100 (4x25)
	3-way	**2002-473**	100 (4x25)
	4-way	**2002-474**	100 (4x25)
	5-way	**2002-475**	50 (2x25)
	6-way	**2002-476**	50 (2x25)
	7-way	**2002-477**	50 (2x25)
	8-way	**2002-478**	50 (2x25)
	9-way	**2002-479**	50 (2x25)
	10-way	**2002-480**	50 (2x25)
	11-way	**2002-481**	50 (2x25)
	12-way	**2002-482**	50 (2x25)

Approvals see www.wago.com

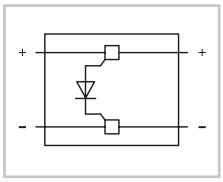
TOPJOB® S
Pluggable Diode Modules and Empty Component Plug Housings on Through Terminal Blocks 2.5 (4) mm², 2002 Series

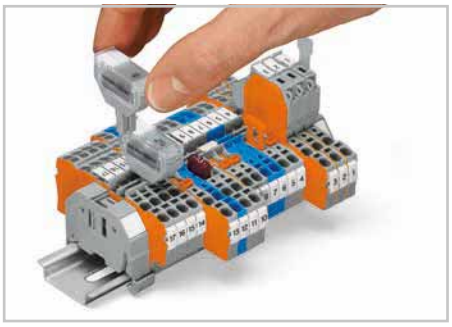
Diode module
with 1N4007 diode as free-wheeling diode
U_N 250 V, U_{RM} 1000 V
I_N 1 A
Plug width 10.4 mm / 0.409 in.

Similar to a push-in jumper, these diode modules are simply pushed into the contact slots of the current bars for two adjacent through terminal blocks.

This offers the following advantages:
- These modules are suitable for **all 2001 to 2006** Series through terminal blocks equipped with jumper slots (please note the module's width).
- Easily retrofit terminal blocks with diode modules.

1. Length of 2002-1201: 48.5 mm / 1.91 in. 2-conductor carrier terminal block
2. Length of 2002-1301: 59.5 mm / 2.34 in. 3-conductor carrier terminal block
3. Length of 2002-1401: 70 mm / 2.76 in. 4-conductor carrier terminal block
4. See application notes for: Colored push-in type jumper bars, page 163 Staggered jumper, page 166 Push-in type wire jumper, page 164





Plugging a diode module into a through terminal block.

Additional advantages:
- Separation into functional and wiring level
- Modules can be replaced quickly by other types of modules
- Solder-free assembly of diodes, resistors, etc.

Opening the cover via operating tool (blade width 2.5 mm).

	Item No.	Pack. Unit
Diode module,		
with 1N4007 diode as free-wheeling diode, max. operating temperature: 85 °C,		
10.4 mm wide		
gray	**2002-880/1000-411**	50
Empty component plug housing type 4,		
2-pole,		
10.4 mm wide		
gray	**2002-880**	50

Through Term. Blocks and Accessories

Appropriate marking system:
WMB/Marking strips

2-conductor through terminal block,			
1	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1201**	100
End and intermediate plate, 0.8 mm thick			
	orange	**2002-1292**	100 (4x25)
	gray	**2002-1291**	100 (4x25)
3-conductor through terminal block,			
2	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1301**	100
End and intermediate plate, 0.8 mm thick			
	orange	**2002-1392**	100 (4x25)
	gray	**2002-1391**	100 (4x25)
4-conductor through terminal block,			
3	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1401**	100
End and intermediate plate, 0.8 mm thick			
	orange	**2002-1492**	100 (4x25)
	gray	**2002-1491**	100 (4x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2002-171**	200 (8x25)

Accessories

Insulation stop,			
	5 pcs/strip,		
	0.75 ... 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**2002-115**	100 (4x25)
Push-in type wire jumper,			
4	insulated,		
	I_N 18 A,		
	wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)
Push-in type jumper bar, insulated,			
4	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Staggered jumper,			
4	insulated,		
	I_N 25 A,		
	light gray		
	2-way	**2002-472**	100 (4x25)
	3-way	**2002-473**	100 (4x25)
	4-way	**2002-474**	100 (4x25)
	5-way	**2002-475**	50 (2x25)

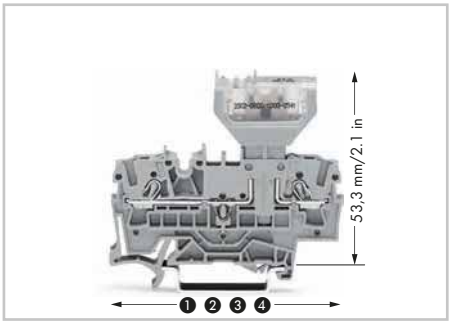
Approvals see www.wago.com

TOPJOB® S
Pluggable LED Modules on Carrier Terminal Blocks 2.5 (4) mm², 2002 Series

PUSH-IN CAGE CLAMP®

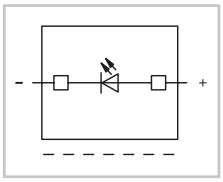
LED module
$I_N \leq 3$ mA

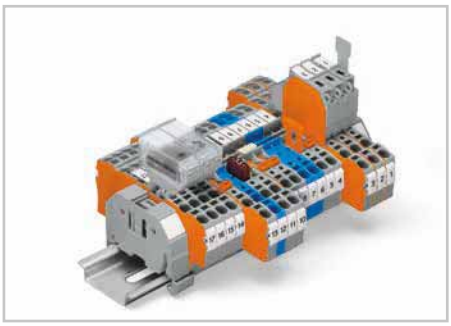
Plug width 5.2 mm / 0.205 in.



The monitoring of control and operating current circuits with LED modules on rail-mounted terminal blocks provides several advantages to the user:
- No additional cost for assembly and wiring
- Separation into functional and wiring level
- Modules can be replaced quickly and easily by other types of modules

1 Length of 2002-1661: 66.5 mm / 2.62 in. 2-conductor carrier terminal block
2 Length of 2002-1761: 76.8 mm / 3.02 in. 3-conductor carrier terminal block
3 Length of 2002-1861: 87.5 mm / 3.45 in. 4-conductor carrier terminal block
4 Length of 2002-1961: 72.9 mm / 2.87 in. 2-conductor carrier terminal block with additional jumper position
5 See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Push-in type wire jumper, page 164





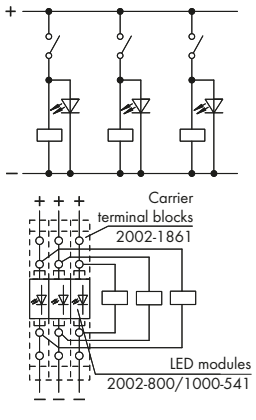
Additional advantages:
- Polarized direction of switching
- High density with only 5.2 mm width of terminal block and module

	Item No.	Pack. Unit
LED module,		
with red LED, max. operating temperature: 85 °C,		
5.2 mm wide		
12 ... 30 V	**2002-800/1000-541**	100
30 ... 65 V	**2002-800/1000-542**	100
230 V	**2002-800/1000-836**	100

Carrier Term. Blocks and Accessories

Appropriate marking system:
WMB/Marking strips

2-conductor carrier terminal block,			
1	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1661**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1692**	100 (4x25)
	gray	**2002-1691**	100 (4x25)
32-conductor carrier terminal block,			
2	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1761**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1792**	100 (4x25)
	gray	**2002-1791**	100 (4x25)
4-conductor carrier terminal block,			
3	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1861**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1892**	100 (4x25)
	gray	**2002-1891**	100 (4x25)
2-conductor carrier terminal block,			
4	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1961**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1992**	100 (4x25)
	gray	**2002-1991**	100 (4x25)



Open side of terminal block right

Voltage control refers to current circuits

Accessories

Push-in type wire jumper,			
5	insulated,		
	I_N 18 A,		
	wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)
Push-in type jumper bar, insulated,			
5	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Staggered jumper,			
5	insulated,		
	I_N 25 A,		
	light gray		
	2-way	**2002-472**	100 (4x25)
	3-way	**2002-473**	100 (4x25)
	4-way	**2002-474**	100 (4x25)
	5-way	**2002-475**	50 (2x25)
	6-way	**2002-476**	50 (2x25)
	7-way	**2002-477**	50 (2x25)
	8-way	**2002-478**	50 (2x25)
	9-way	**2002-479**	50 (2x25)
	10-way	**2002-480**	50 (2x25)
	11-way	**2002-481**	50 (2x25)
	12-way	**2002-482**	50 (2x25)

Approvals see www.wago.com

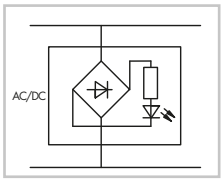
TOPJOB® S
Pluggable LED Modules on Through Terminal Blocks 2.5 (4) mm², 2002 Series

LED module
$I_N \leq 3$ mA

Plug width 10.4 mm / 0.409 in.

Similar to a push-in jumper, these LED modules are inserted into the current bar contact slots of two adjacent through terminal blocks.
These modules are suitable for **all 2001 to 2006** Series through terminal blocks equipped with jumper slots (please note the module's width).
- Easily retrofit terminal blocks with diode modules.

1. Length of 2002-1201: 48.5 mm / 1.91 in. 2-conductor carrier terminal block
2. Length of 2002-1301: 59.5 mm / 2.34 in. 3-conductor carrier terminal block
3. Length of 2002-1401: 70 mm / 2.76 in. 4-conductor carrier terminal block

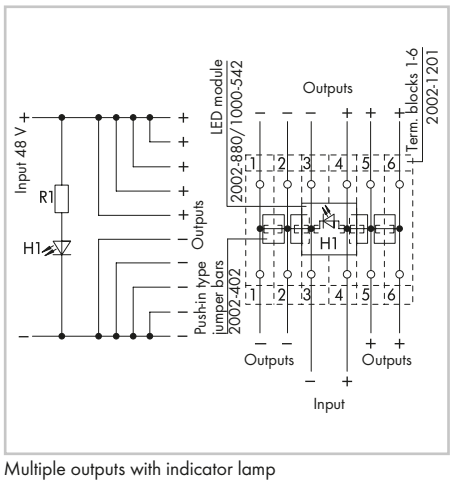


Marking using WMB Multi markers and marker strips.

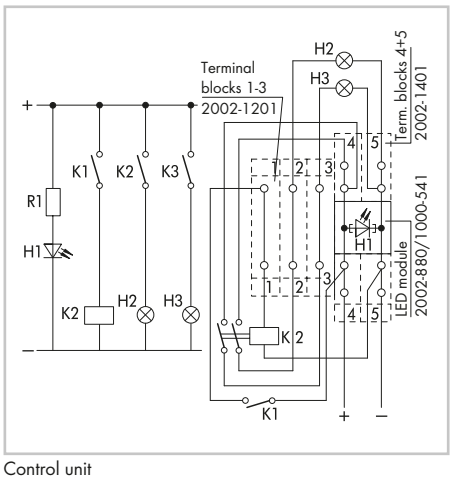
Test option available

Additional advantages:
- Separation into functional and wiring level
- Modules can be replaced quickly by other types of modules

	Item No.		Pack. Unit
LED module,			
with red LED, max. operating temperature: 85 °C,			
10.4 mm wide			
12 ... 30 V	**2002-880/1000-541**		50
30 ... 65 V	**2002-880/1000-542**		50
230 V	**2002-880/1000-836**		50
Through Term. Blocks and Accessories			
Appropriate marking system: WMB/Marking strips			
2-conductor through terminal block,			
1	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1201**	100
End and intermediate plate, 0.8 mm thick			
	orange	**2002-1292**	100 (4x25)
	gray	**2002-1291**	100 (4x25)
3-conductor through terminal block,			
2	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1301**	100
End and intermediate plate, 0.8 mm thick			
	orange	**2002-1392**	100 (4x25)
	gray	**2002-1391**	100 (4x25)
4-conductor through terminal block,			
3	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1401**	100
End and intermediate plate, 0.8 mm thick			
	orange	**2002-1492**	100 (4x25)
	gray	**2002-1491**	100 (4x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 ... 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 ... 1 mm²		
	dark gray	**2002-172**	200 (8x25)



Multiple outputs with indicator lamp



Control unit

Approvals see www.wago.com

TOPJOB® S
Empty Component Plug Housings on Carrier Terminal Blocks 2.5 (4) mm²
2002 Series

Empty component plug housing	Empty component plug housing
Plug width 5.2 mm / 0.205 in.	**Plug width 10.4 mm / 0.409 in.**

❶ Length of 2002-1661: 66.5 mm / 2.62 in.
2-conductor carrier terminal block

❷ Length of 2002-1761: 76.8 mm / 3.02 in.
3-conductor carrier terminal block

❸ Length of 2002-1861: 87.5 mm / 3.45 in.
4-conductor carrier terminal block

❹ Length of 2002-1961: 72.9 mm / 2.87 in.
2-conductor carrier terminal block with additional jumper position

❺ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Push-in type wire jumper, page 164

	Item No.	Pack. Unit
Empty component plug housing type 1,		
2-pole,		
5.2 mm wide		
gray	**2002-800**	100

	Item No.	Pack. Unit
Empty component plug housing type 2,		
2-pole,		
10.4 mm wide		
gray	**2002-810**	50
Empty component plug housing type 3,		
4-pole,		
10.4 mm wide		
gray	**2002-820**	50

Carrier Term. Blocks and Accessories

Appropriate marking system: WMB/Marking strips

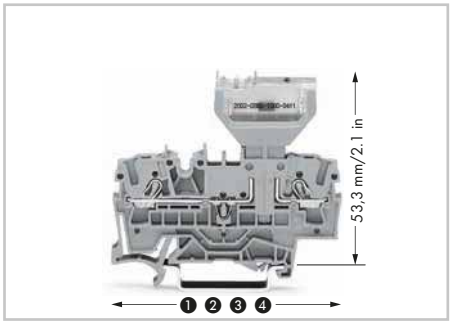
2-conductor carrier terminal block,			
❶ 	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1661**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1692**	100 (4x25)
	gray	**2002-1691**	100 (4x25)
3-conductor carrier terminal block,			
❷ 	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1761**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1792**	100 (4x25)
	gray	**2002-1791**	100 (4x25)
4-conductor carrier terminal block,			
❸ 	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1861**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1892**	100 (4x25)
	gray	**2002-1891**	100 (4x25)
2-conductor carrier terminal block,			
❹ 	0.25 ... 2.5 (4) mm² / AWG 22 ... 12		
	Terminal block width 5.2 mm / 0.205 in.		
	gray	**2002-1961**	50
End and intermediate plate, 1 mm thick			
	orange	**2002-1992**	100 (4x25)
	gray	**2002-1991**	100 (4x25)
Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**2002-115**	100 (4x25)

Push-in type wire jumper,			
❺ 	insulated,		
	I_N 18 A,		
	wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)
Push-in type jumper bar, insulated,			
❺ 	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)
Multi-purpose operating tool,			
	for component plugs		
		2002-116	5

Accessories

Staggered jumper,			
❺ 	insulated,		
	I_N 25 A,		
	light gray		
	2-way	**2002-472**	100 (4x25)
	3-way	**2002-473**	100 (4x25)
	4-way	**2002-474**	100 (4x25)
	5-way	**2002-475**	50 (2x25)
	6-way	**2002-476**	50 (2x25)
	7-way	**2002-477**	50 (2x25)
	8-way	**2002-478**	50 (2x25)
	9-way	**2002-479**	50 (2x25)
	10-way	**2002-480**	50 (2x25)
	11-way	**2002-481**	50 (2x25)
	12-way	**2002-482**	50 (2x25)
WMB Multi marking system,			
	10 strips with 10 markers per card,		
	stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5
WMB Multi marking system, plain,			
	10 strips with 10 markers per card,		
	stretchable 5 ... 5.2 mm		
	yellow	**793-5501/000-002**	
	red	**793-5501/000-005**	
	blue	**793-5501/000-006**	
	gray	**793-5501/000-007**	
	orange	**793-5501/000-012**	
	light green	**793-5501/000-017**	
	green	**793-5501/000-023**	
	violet	**793-5501/000-024**	
			5

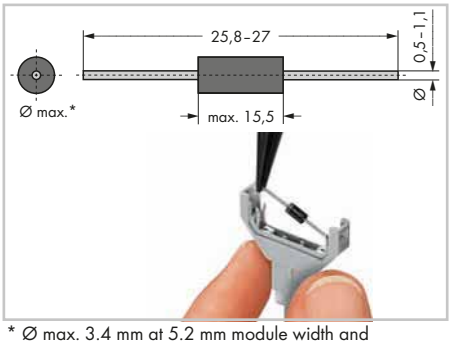
Approvals see www.wago.com



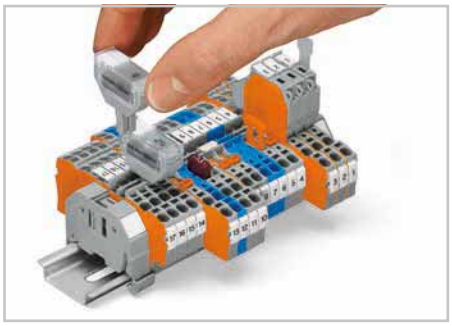
Application example showing a pluggable diode module.

Opening the cover via multi-purpose operating tool for component plugs.

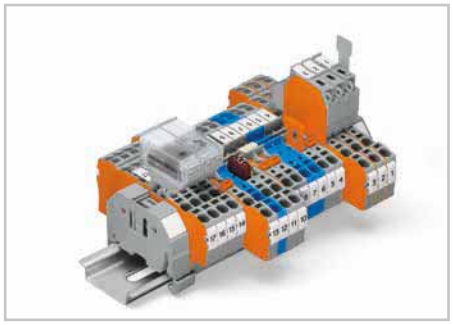
When closing the cover, please insert cover as shown in the illustration.



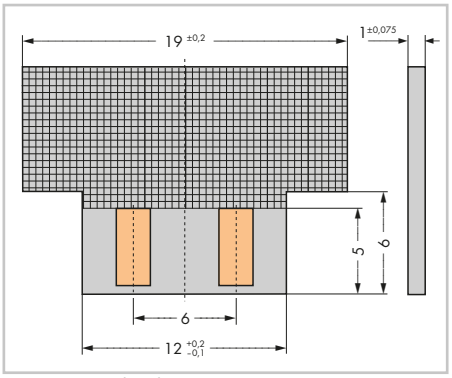
* Ø max. 3.4 mm at 5.2 mm module width and
* Ø max. 5.4 mm at 10.4 mm module width
Notice: Reconnection only possible with similar or larger wire diameter. Smaller wire diameters must be soldered.
Component plugs for building custom circuits.
Solder-free assembly of diodes, resistors, etc.
Picture shows 1N4007 diode.



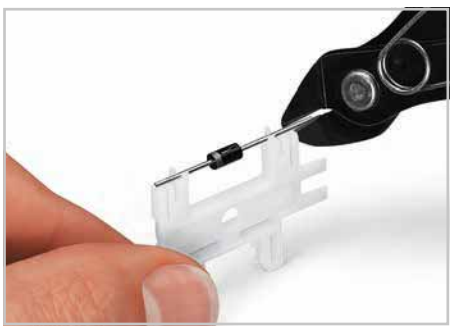
Plugging a diode module into a through terminal block.



Diode module inserted in a through terminal block.

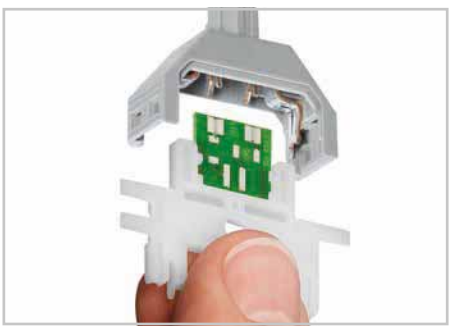


Dimensions of self-assembled PCBs
Module height 2 mm at 5.2 mm module width and module height 3.3 mm at 10.4 mm module width



Cutting component to the proper length.

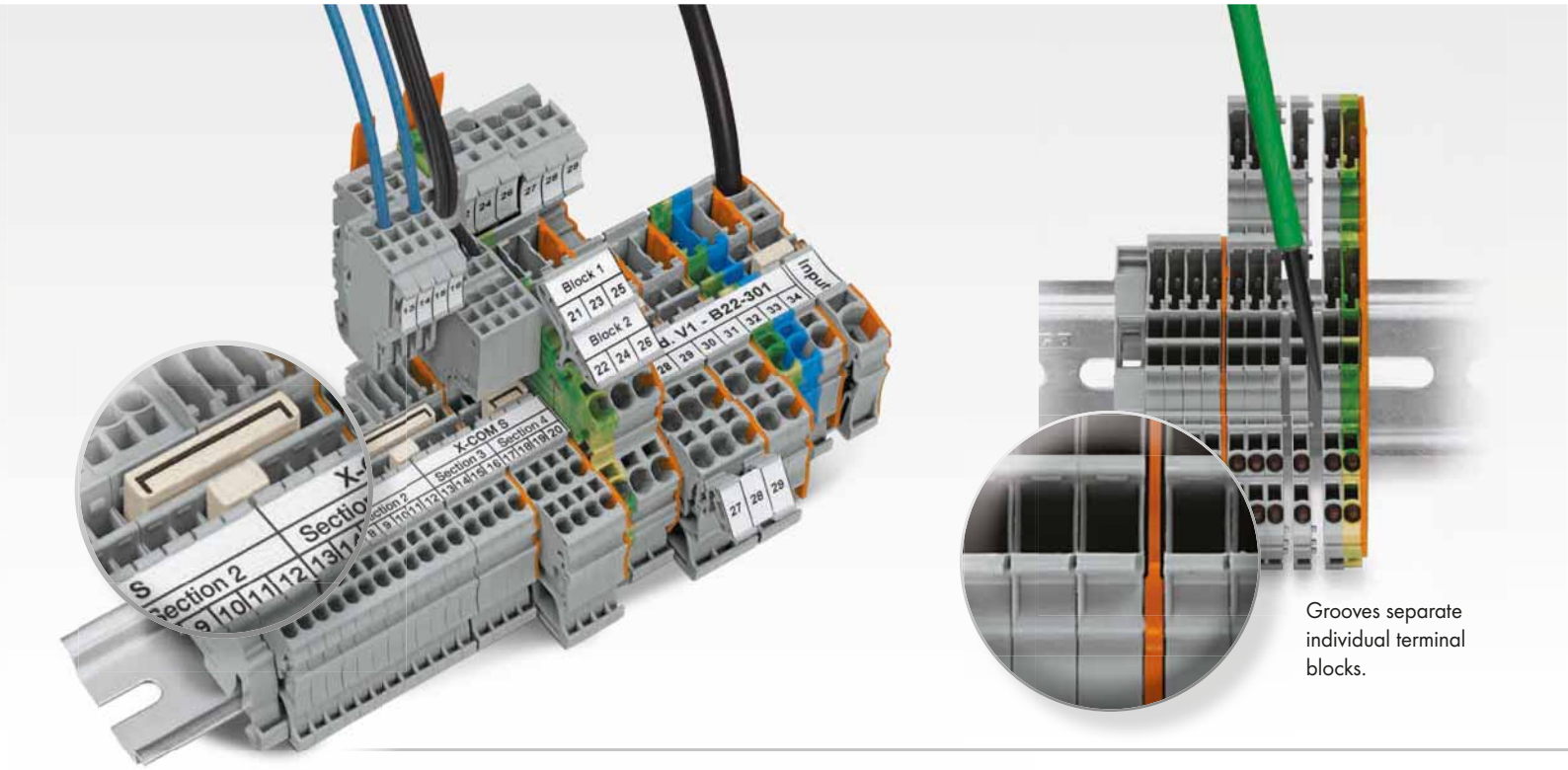
Pressing component into plug contact via operating tool.



Pushing PCB into plug contact via operating tool.

TOPJOB® S IS PLUGGABLE:

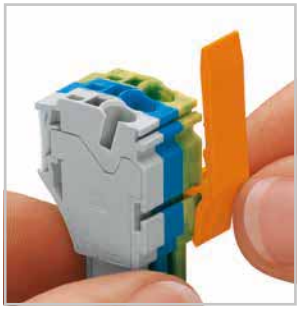
With X-COM® S and X-COM® S MINI Rail-Mounted Terminal Blocks



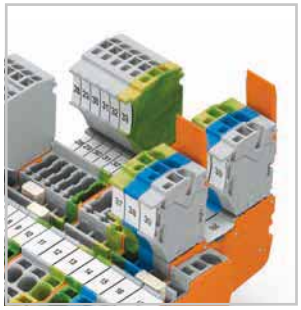
Grooves separate individual terminal blocks.

X-COM®S-SYSTEM and X-COM®S-SYSTEM-MINI

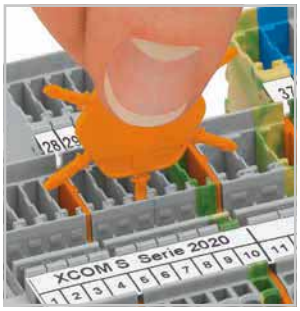
- COM-bination of connectors and rail moundet terminal blocks
- X-COM®S-SYSTEM (2022 Series): up to 4 mm² (12 AWG) at 32 A
- X-COM®S-SYSTEM-MINI (2020 Series): up to 1.5 mm² (16 AWG) at just 3.5 mm terminal block wide
- Preassembly saves time and money
- Preassembled units can be tested before installation
- Components can be quickly and reliably replaced due to 100 % mismating and touch-proof protection



Slide locking lever into position.

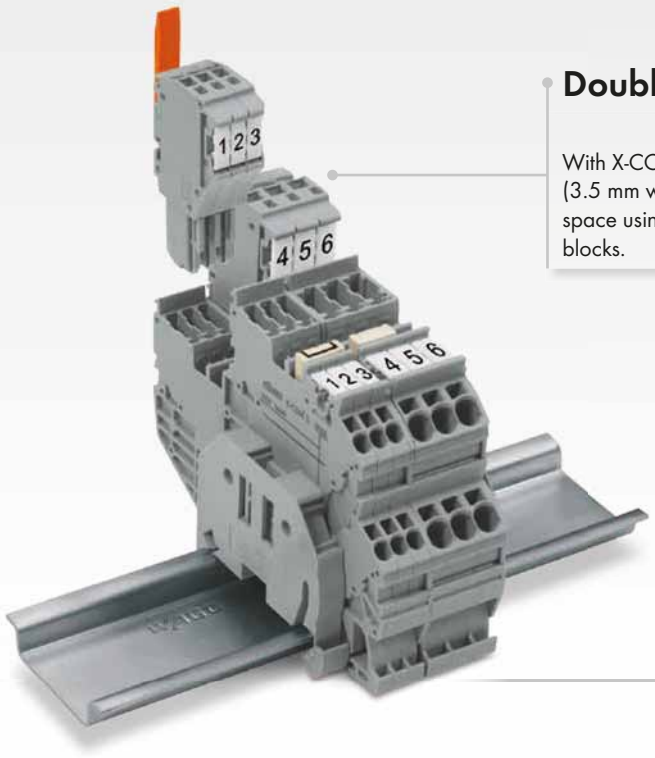


Female plugs can be individually locked.



Insert coding pin into the corresponding slot and twist it off.

Remove coding finger using a cutting tool.



Double Space Savings

With X-COM® S MINI Terminal Blocks (3.5 mm wide) – save even more space using double-deck terminal blocks.

- X-COM® S and X-COM® S MINI Female Plugs are modular
- Female plug assemblies up to a maximum 15 poles can be customized
- X-COM® S MINI Female Plugs do not have an integrated end plate; an end plate must be used at the end of the carrier terminal block assembly

TOPJOB® S Jumpers common X-COM® S Terminal Blocks. An end plate provides connection to TOPJOB® S Terminal Blocks.

2020 and 2022 Series Terminal Blocks are combinable.

Additional marking option via snap-on type adapter

Test plug adapter (CAT I) for 4 mm test plugs or banana plugs – also suitable for X-COM® S MINI Terminal Blocks.

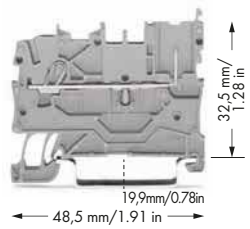
Carrier terminal blocks and female plugs are touch-proof.

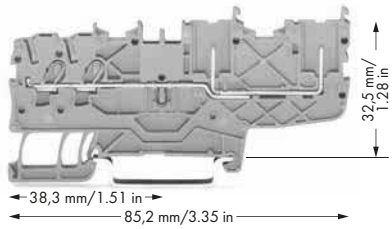
X-COM®S-SYSTEM-MINI
1-Conductor/1-Pin Carrier Terminal Blocks;
2-Conductor/2-Pin Carrier Terminal Blocks, 2020 Series

PUSH-IN CAGE CLAMP®

0.14 … 1 (1.5) mm² ❶	AWG 24 … 16
500 V/6 kV/3 ❷	
I_N 13.5 A ❸	300 V, 10 A
Terminal block width 3.5 mm / 0.138 in.	
9 … 11 mm / 0.39 in. ❹	

0.14 … 1 (1.5) mm² ❶	AWG 24 … 16
500 V/6 kV/3 ❷	
I_N 13.5 A ❸	
Terminal block width 3.5 mm / 0.138 in.	
9 … 11 mm / 0.39 in. ❹	





❶ Conductor sizes: 0.14 mm² … 1.5 mm² "s + f-st";
Push-in conductor sizes: 0.5 mm² … 1.5 mm² "s"
and 0.5 mm² … 0.75 mm²
"insulated ferrule, 10 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Current-carrying capacity curves upon request

❹ Strip length, see packaging or instructions.

❺ See application notes for:
Colored push-in type jumper bars, page 163
Star point jumper, page 165
Delta jumper, page 165
Push-in type wire jumper, page 164

	Item No.	Pack. Unit
1-conductor/1-pin carrier terminal block,		
for DIN 35 rail, acc. to EN 60715		
gray	**2020-1201**	50
blue	**2020-1204**	50
1-conductor/1-pin ground carrier terminal block,		
for DIN 35 rail, acc. to EN 60715		
green-yellow	**2020-1207**	50
Notice:		
An end plate must be applied to the carrier terminal blocks after each female plug.		

	Item No.	Pack. Unit
2-conductor/2-pin carrier terminal block,		
for DIN 35 rail, acc. to EN 60715		
gray	**2020-1401**	50
blue	**2020-1404**	50
2-conductor/2-pin ground carrier terminal block,		
for DIN 35 rail, acc. to EN 60715		
green-yellow	**2020-1407**	50
Notice:		
An end plate must be applied to the carrier terminal blocks after each female plug.		

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2020-1292**	100 (4x25)
gray	**2020-1291**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2020-1492**	100 (4x25)
gray	**2020-1491**	100 (4x25)

2020 Series Accessories

Appropriate marking systems: WMB/Marking strips

Push-in type jumper bar, insulated, ❺

I_N 14 A,

light gray		
2-way	**2000-402**	200 (8x25)
3-way	**2000-403**	200 (8x25)
4-way	**2000-404**	200 (8x25)
5-way	**2000-405**	100 (4x25)
6-way	**2000-406**	100 (4x25)
7-way	**2000-407**	100 (4x25)
8-way	**2000-408**	100 (4x25)
9-way	**2000-409**	100 (4x25)
10-way	**2000-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 14 A,

light gray		
from 1 to 3	**2000-433**	200 (8x25)
from 1 to 4	**2000-434**	200 (8x25)
from 1 to 5	**2000-435**	100 (4x25)
from 1 to 6	**2000-436**	100 (4x25)
from 1 to 7	**2000-437**	100 (4x25)
from 1 to 8	**2000-438**	100 (4x25)
from 1 to 9	**2000-439**	100 (4x25)
from 1 to 10	**2000-440**	100 (4x25)

Delta jumper, insulated, ❺

I_N = I_N terminal block, light gray

1-2 3-4 5-6	**2000-406/020-000**	
		100 (4x25)

Star point jumper, insulated, ❺

I_N = I_N terminal block, light gray

1-3-5	**2000-405/011-000**	
		100 (4x25)

Push-in type wire jumper, ❺

insulated,
I_N 16 A,
wire size 1.5 mm²

L = 60 mm	**2009-402**	100 (10x10)
L = 110 mm	**2009-404**	100 (10x10)
L = 250 mm	**2009-406**	100 (10x10)

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks

yellow	**2000-115**	100 (4x25)

Carrier with 6 coding pins,

for coding female plugs

orange	**2020-100**	100 (4x25)

Test pin,

1 mm Ø

	859-500	1

Accessories

1-conductor female plug

gray	**2020-102**	100

2-conductor female plug

gray	**2020-202**	100

Test plug adapter,

for 4 mm Ø test plug

gray	**2009-174**	100 (4x25)

Banana plug,

for socket 4 mm Ø,
color mixed

215-111	50

Testing tap,

for max. 2.5 mm²

gray	**2009-182**	100 (4x25)

Marking strip, plain,

11 mm wide,
50 m roll

white	**2009-110**	1

WMB Multi marking system,

10 strips with 10 markers per card,
for 3.5 mm terminal block width

plain	**793-3501**	5

Screwless end stop,

for DIN 35 rail,
6 mm wide

gray	**249-116**	100 (4x25)

Screwless end stop,

for DIN 35 rail,
10 mm wide

gray	**249-117**	50 (2x25)

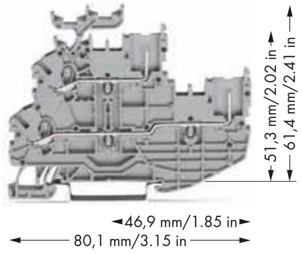
Approvals see www.wago.com

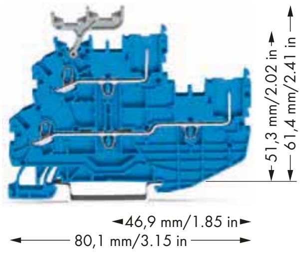
X-COM®S-SYSTEM-MINI
1-Conductor/1-Pin Double-Deck Carrier Terminal Blocks
2020 Series

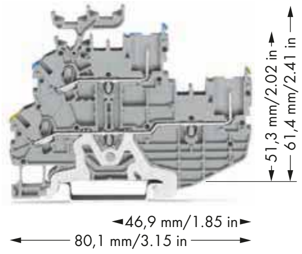
0.14 ... 1 (1.5) mm² ❶ | AWG 24 ... 16
500 V/6 kV/3 ❷
I_N 13.5 A ❸ | 300 V, 10 A
Terminal block width 3.5 mm / 0.138 in.
9 ... 11 mm / 0.39 in. ❹

0.14 ... 1 (1.5) mm² ❶ | AWG 24 ... 16
500 V/6 kV/3 ❷
I_N 13.5 A ❸ | 300 V, 10 A
Terminal block width 3.5 mm / 0.138 in.
9 ... 11 mm / 0.39 in. ❹

0.14 ... 1 (1.5) mm² ❶ | AWG 24 ... 16
500 V/6 kV/3 ❷
I_N 13.5 A ❸ | 300 V, 10 A
Terminal block width 3.5 mm / 0.138 in.
9 ... 11 mm / 0.39 in. ❹



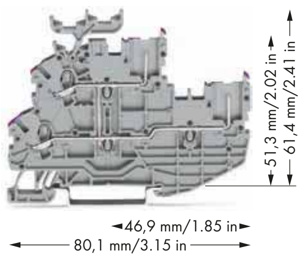


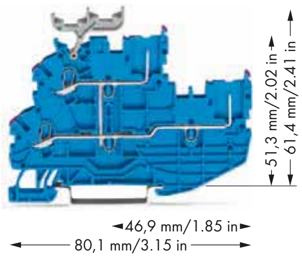


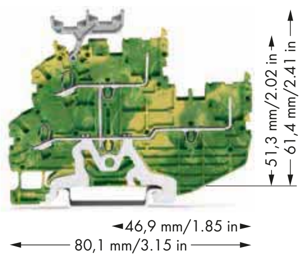
	Item No.	Pack. Unit
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block, with marker carrier, gray housing		
L/L	**2020-2231**	50
N/L	**2020-2232**	50
L/N	**2020-2233**	50
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block, without marker carrier, gray housing		
L/L	**2020-2201**	50
N/L	**2020-2202**	50
L/N	**2020-2203**	50

	Item No.	Pack. Unit
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block, with marker carrier, blue housing		
N/N	**2020-2234**	50
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block, without marker carrier, blue housing		
N/N	**2020-2204**	50

	Item No.	Pack. Unit
1-conductor/1-pin double-deck carrier terminal block, ground conductor/through terminal block, with marker carrier, gray housing		
PE/N	**2020-2247**	50
PE/L	**2020-2257**	50
1-conductor/1-pin double-deck carrier terminal block, ground conductor/through terminal block, without marker carrier, gray housing		
PE/N	**2020-2217**	50
PE/L	**2020-2227**	50







	Item No.	Pack. Unit
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin through terminal block, with marker carrier, internal commoning, conductor entry with violet marking, gray housing		
L	**2020-2238**	50
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin through terminal block, without marker carrier, internal commoning, conductor entry with violet marking, gray housing		
L	**2020-2208**	50

	Item No.	Pack. Unit
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin through terminal block, with marker carrier, internal commoning, conductor entry with violet marking, blue housing		
N	**2020-2239**	50
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin through terminal block, without marker carrier, internal commoning, conductor entry with violet marking, blue housing		
N	**2020-2209**	50

	Item No.	Pack. Unit
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin ground conductor terminal block, with marker carrier, internal commoning, green-yellow housing		
PE	**2020-2237**	50
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin ground conductor terminal block, without marker carrier, internal commoning, green-yellow housing		
PE	**2020-2207**	50

Approvals see www.wago.com

1. Conductor sizes: 0.14 mm² ... 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² ... 1.5 mm² "s" and 0.5 mm² ... 0.75 mm² "insulated ferrule, 10 mm"
2. 500 V = rated voltage
   6 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Current-carrying capacity curves upon request
4. Strip length, see packaging or instructions.
5. See application notes for:
   Colored push-in type jumper bars, page 163
   Vertical jumper, page 167

2020 Series Accessories

Appropriate marking systems: WMB/Marking strips

End and intermediate plate, 1 mm thick

orange	**2020-2292**	100 (4x25)
gray	**2020-2291**	100 (4x25)

Push-in type jumper bar, insulated, 5

I_N 14 A, light gray

2-way	**2000-402**	200 (8x25)
3-way	**2000-403**	200 (8x25)
4-way	**2000-404**	200 (8x25)
5-way	**2000-405**	100 (4x25)
6-way	**2000-406**	100 (4x25)
7-way	**2000-407**	100 (4x25)
8-way	**2000-408**	100 (4x25)
9-way	**2000-409**	100 (4x25)
10-way	**2000-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 14 A, light gray

from 1 to 3	**2000-433**	200 (8x25)
from 1 to 4	**2000-434**	200 (8x25)
from 1 to 5	**2000-435**	100 (4x25)
from 1 to 6	**2000-436**	100 (4x25)
from 1 to 7	**2000-437**	100 (4x25)
from 1 to 8	**2000-438**	100 (4x25)
from 1 to 9	**2000-439**	100 (4x25)
from 1 to 10	**2000-440**	100 (4x25)

Double-deck vertical jumper, insulated, 5

I_N 13.5 A, light gray **2000-492** 100 (4x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks, yellow **2000-115** 100 (4x25)

Carrier with 6 coding pins,

for coding female plugs, orange **2020-100** 100 (4x25)

Test pin,

1 mm Ø **859-500** 1

1-conductor female plug

gray **2020-102** 100

2-conductor female plug

gray **2020-202** 100

Test plug adapter,

for 4 mm Ø test plug, gray **2009-174** 100 (4x25)

Banana plug,

for socket 4 mm Ø, color mixed **215-111** 50

Testing tap,

for max. 2.5 mm², gray **2009-182** 100 (4x25)

Test plug,

with 500 mm cable, 2 mm Ø, red **210-136** 50

Test plug,

with 500 mm cable, 2.3 mm Ø, yellow **210-137** 50

Double-deck marker carrier,

pivoting, gray **2000-121** 50 (2x25)

WMB Multi marking system,

10 strips with 10 markers per card, for 3.5 mm terminal block width, plain **793-3501** 5

Marking strip, plain,

11 mm wide, 50 m roll, white **2009-110** 1

X-COM®S-SYSTEM-MINI
1-Conductor Female Plugs; 2-Conductor Female Plugs
2020 Series

PUSH-IN CAGE CLAMP®

0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 **500 V/6 kV/3 ❷** **I_N 13.5 A ❸** **Module width 3.5 mm / 0.138 in.** **9 … 11 mm / 0.39 in. ❹**	**0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16** **500 V/6 kV/3 ❷** **I_N 13.5 A ❸** **Module width 3.5 mm / 0.138 in.** **9 … 11 mm / 0.39 in. ❹**

❶ Conductor sizes: 0.14 mm² … 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² … 1.5 mm² "s" and 0.5 mm² … 0.75 mm² "insulated ferrule, 10 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Current-carrying capacity curves upon request

❹ Strip length, see packaging or instructions.

❺ Item-no. suffix
blue **…/000-006**
green-yellow **…/000-016**

Pole No.	Item No.	Pack. Unit
1-conductor female plug, for insertion into carrier terminal blocks, with coding fingers, gray		
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
2	**2020-102**	100
3	**2020-103**	50
4	**2020-104**	50
5	**2020-105**	50
6	**2020-106**	50
7	**2020-107**	25
8	**2020-108**	25
9	**2020-109**	25
10	**2020-110**	25
11	**2020-111**	20
12	**2020-112**	20
13	**2020-113**	10
14	**2020-114**	10
15	**2020-115**	10
Notice:		
An end plate must be applied to the carrier terminal blocks after each female plug.		

Pole No.	Item No.	Pack. Unit
2-conductor female plug, for insertion into carrier terminal blocks, with coding fingers, gray		
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
2	**2020-202**	100
3	**2020-203**	50
4	**2020-204**	50
5	**2020-205**	50
6	**2020-206**	25
7	**2020-207**	25
8	**2020-208**	25
9	**2020-209**	25
10	**2020-210**	25
11	**2020-211**	20
12	**2020-212**	20
13	**2020-213**	10
14	**2020-214**	10
15	**2020-215**	10
Notice:		
An end plate must be applied to the carrier terminal blocks after each female plug.		

X-COM®S-SYSTEM terminal block assembly

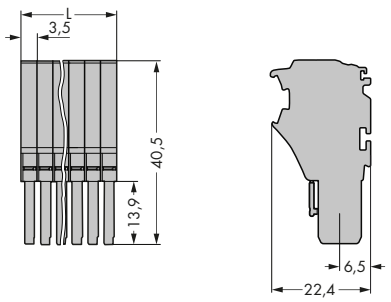
X-COM®S-SYSTEM terminal block assembly

Accessories Female Plugs

Appropriate marking systems: WMB/Marking strips

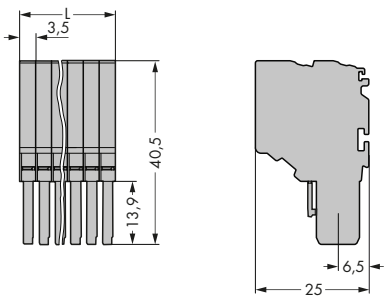
Locking lever,			
	4.8 mm wide		
	orange	**2022-142**	100 (4x25)
	gray	**2022-141**	100 (4x25)

Locking lever,			
	9.6 mm wide		
	orange	**2022-152**	100 (4x25)
	gray	**2022-151**	100 (4x25)



L = (pole no. x module width) + 0.7 mm

Dimensions in mm



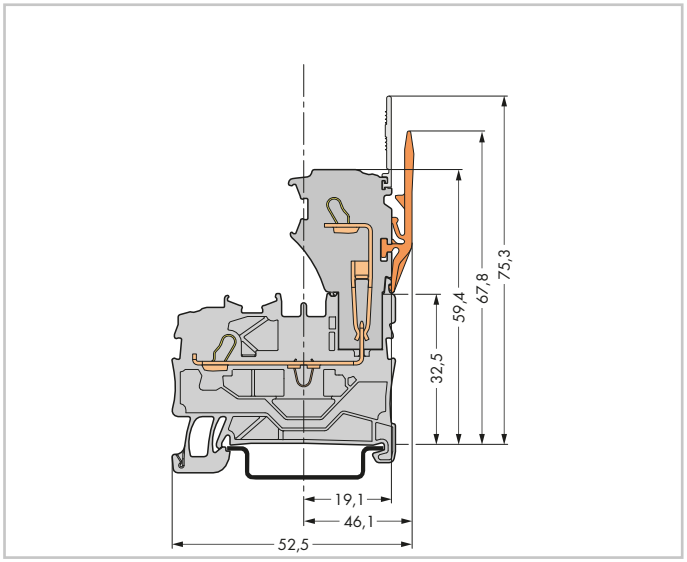
L = (pole no. x module width) + 0.7 mm

Dimensions in mm

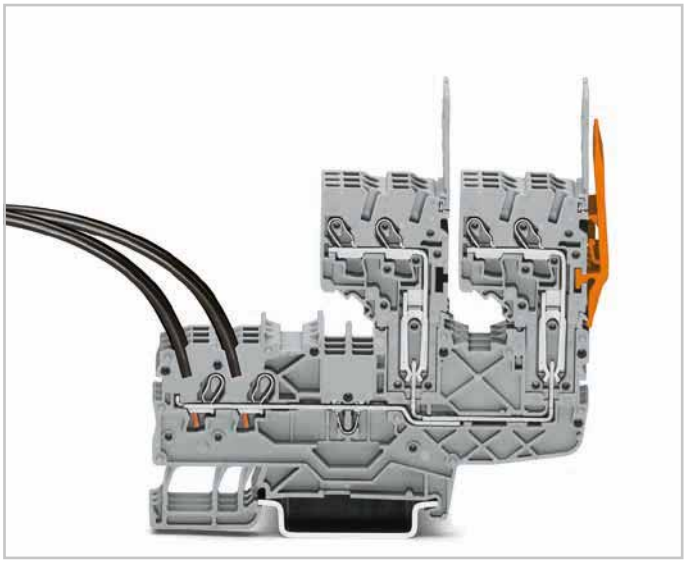
Approvals see www.wago.com

Types of Assembly
1-Conductor/1-Pin Carrier Terminal Blocks and 1-Conductor Female Plug

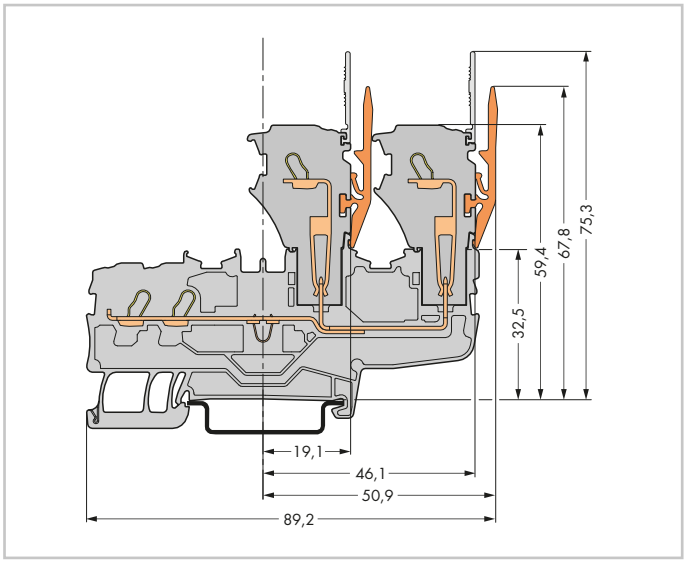
1-connector female plug
Commoning option of carrier terminal blocks with 2000 Series push-in type jumper bars and testing option with 859-500 test pin



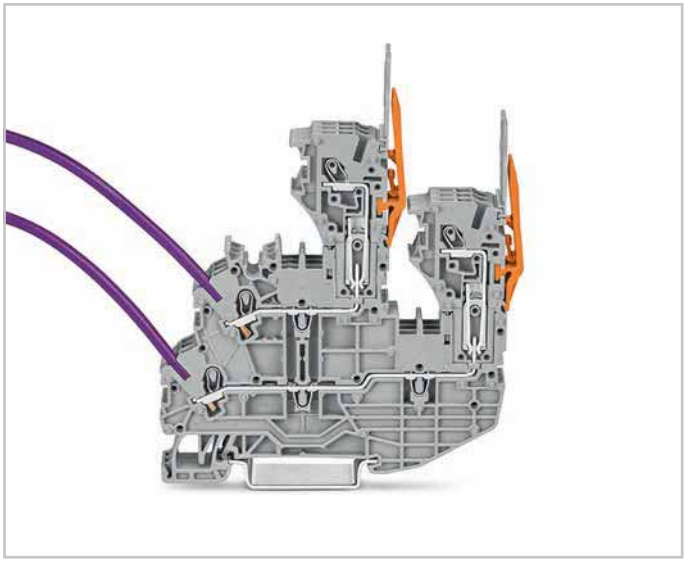
Carrier terminal block with 1-conductor female plug



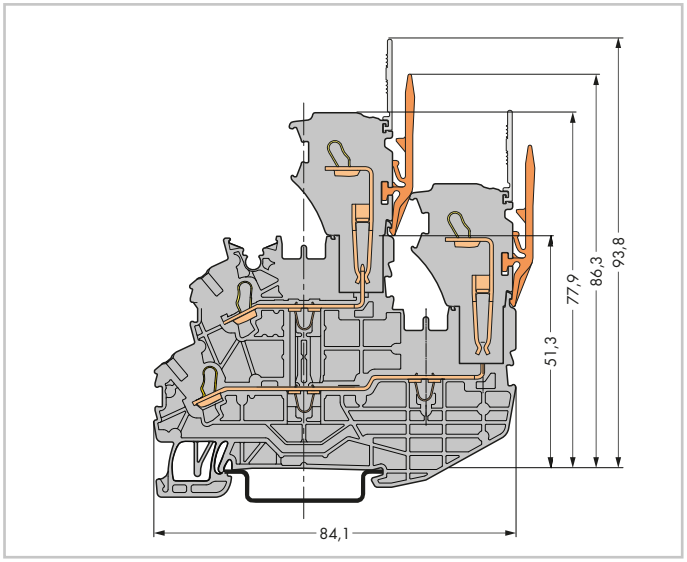
2-connector female plug
Commoning option of carrier terminal blocks with 2000 Series push-in type jumper bars and testing option with 859-500 test pin



Carrier terminal block with two 1-conductor female plugs



2 x 1-connector female plugs
Commoning option of carrier terminal blocks with 2000 Series push-in type jumper bars and testing option with 859-500 test pin



Double deck carrier terminal block with two 1-conductor female plugs

X-COM®S-SYSTEM-MINI
Female Plugs for Self-Assembly
2020 Series

0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Terminal block width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹	0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Terminal block width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹

	Item No.	Pack. Unit
1-conductor end module,		
with coding fingers		
gray	**2020-181**	250
blue	**2020-184**	250
green-yellow	**2020-187**	250
1-conductor base module with end plate,		
with coding fingers		
gray	**2020-161**	250
blue	**2020-164**	250
green-yellow	**2020-167**	250

	Item No.	Pack. Unit
2-conductor end module,		
with coding fingers		
gray	**2020-281**	250
blue	**2020-284**	250
green-yellow	**2020-287**	250
2-conductor base module with end plate,		
with coding fingers		
gray	**2020-261**	250
blue	**2020-264**	250
green-yellow	**2020-267**	250

Accessories Female Plugs

Appropriate marking systems: WMB/Marking strips

		Item No.	Pack. Unit
Protective warning marker,			
	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**2000-115**	100 (4x25)
Locking lever,			
	9.6 mm wide		
	orange	**2022-152**	100 (4x25)
	gray	**2022-151**	100 (4x25)
Locking lever,			
	4.8 mm wide		
	orange	**2022-142**	100 (4x25)
	gray	**2022-141**	100 (4x25)
Strain relief plate, gray			
	35 mm width	**734-326**	100 (4x25)
	6 mm wide	**734-327**	100 (4x25)
	12.5 mm width	**734-328**	100 (4x25)
	25 mm wide	**734-329**	100 (4x25)
WMB Multi marking system,			
	10 strips with 10 markers per card, for 3.5 mm terminal block width		
	plain	**793-3501**	5
Marking strip, plain,			
	11 mm wide, 50 m roll		
	white	**2009-110**	1

Approvals see www.wago.com

Self-Assembly of Individual Female Plugs
Using modular female plugs from the X-COM®S-SYSTEM, female plugs can be customized for applications requiring varying numbers of poles (e.g., when designing prototypes).

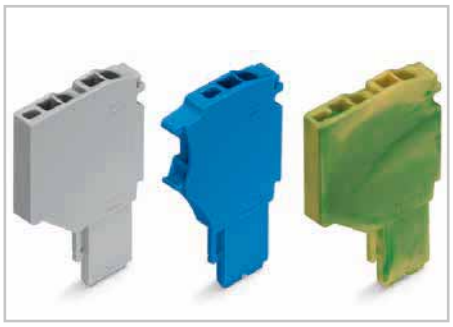
Modules and Pole Numbers
A self-assembled female plug consists of:
Base module with end plate
and **max. 14** end modules.

Intended Use
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.

Assembly
The appropriate mounting tool shall be used to guarantee that the individual modules are properly attached to each other without damaging the locking latches.

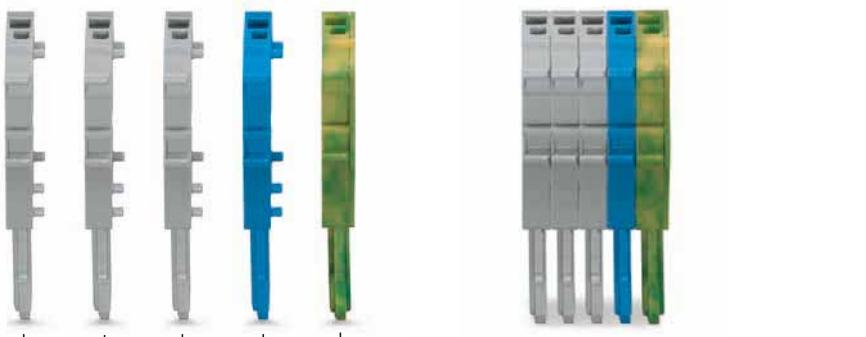
1. Conductor sizes: 0.14 mm² ... 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² ... 1.5 mm² "s" and 0.5 mm² ... 0.75 mm² "insulated ferrule, 10 mm"
2. 500 V = rated voltage
   6 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Current-carrying capacity curves upon request
4. Strip length, see packaging or instructions.

End Module



Base Module

Example: 5-Pole, 1-Conductor Female Plug



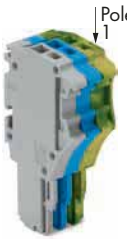
Base module with end plate
2020-167

End module
2020-184

End modules
2020-181

X-COM®S-SYSTEM-MINI
Pre-Assembled Female Plugs
2020 Series

0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹	0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹	0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹



Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-103/000-036**	50
4	**2020-104/000-036**	50
5	**2020-105/000-036**	50
6	**2020-106/000-036**	50
7	**2020-107/000-036**	25
8	**2020-108/000-036**	25
9	**2020-109/000-036**	25
10	**2020-110/000-036**	25
11	**2020-111/000-036**	20
12	**2020-112/000-036**	20
13	**2020-113/000-036**	10
14	**2020-114/000-036**	10
15	**2020-115/000-036**	10

Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground end module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-103/000-037**	50
4	**2020-104/000-037**	50
5	**2020-105/000-037**	50
6	**2020-106/000-037**	50
7	**2020-107/000-037**	25
8	**2020-108/000-037**	25
9	**2020-109/000-037**	25
10	**2020-110/000-037**	25
11	**2020-111/000-037**	20
12	**2020-112/000-037**	20
13	**2020-113/000-037**	10
14	**2020-114/000-037**	10
15	**2020-115/000-037**	10

Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-103/000-038**	50
4	**2020-104/000-038**	50
5	**2020-105/000-038**	50
6	**2020-106/000-038**	50
7	**2020-107/000-038**	25
8	**2020-108/000-038**	25
9	**2020-109/000-038**	25
10	**2020-110/000-038**	25
11	**2020-111/000-038**	20
12	**2020-112/000-038**	20
13	**2020-113/000-038**	10
14	**2020-114/000-038**	10
15	**2020-115/000-038**	10

Accessories Female Plugs

Appropriate marking systems: WMB/Marking strips

Protective warning marker,
with high-voltage symbol, black,
for 5 terminal blocks
yellow **2000-115** 100 (4x25)

Locking lever,
9.6 mm wide
orange **2022-152** 100 (4x25)
gray **2022-151** 100 (4x25)

Locking lever,
4.8 mm wide
orange **2022-142** 100 (4x25)
gray **2022-141** 100 (4x25)

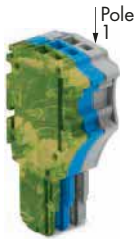
Strain relief plate, gray
35 mm width **734-326** 100 (4x25)
6 mm wide **734-327** 100 (4x25)
12.5 mm width **734-328** 100 (4x25)
25 mm wide **734-329** 100 (4x25)

WMB Multi marking system,
10 strips with 10 markers per card,
for 3.5 mm terminal block width
plain **793-3501** 5

Marking strip, plain,
11 mm wide,
50 m roll
white **2009-110** 1

Approvals see www.wago.com

0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16
500 V/6 kV/3 ❷
I_N 13.5 A ❸
Module width 3.5 mm / 0.138 in.
9 … 11 mm / 0.39 in. ❹



Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground end module (green-yellow),		
for insertion into carrier terminal blocks,		
with coding fingers		
3	**2020-103/000-039**	50
4	**2020-104/000-039**	50
5	**2020-105/000-039**	50
6	**2020-106/000-039**	50
7	**2020-107/000-039**	25
8	**2020-108/000-039**	25
9	**2020-109/000-039**	25
10	**2020-110/000-039**	25
11	**2020-111/000-039**	20
12	**2020-112/000-039**	20
13	**2020-113/000-039**	10
14	**2020-114/000-039**	10
15	**2020-115/000-039**	10

❶ Conductor sizes: 0.14 mm² … 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² … 1.5 mm² "s" and 0.5 mm² … 0.75 mm² "insulated ferrule, 10 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Current-carrying capacity curves upon request

❹ Strip length, see packaging or instructions.

X-COM®S-SYSTEM-MINI
Pre-Assembled Female Plugs
2020 Series

0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹	0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹	0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹

Pole No.	Item No.	Pack. Unit
2-conductor female plug with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-203/000-036**	50
4	**2020-204/000-036**	50
5	**2020-205/000-036**	50
6	**2020-206/000-036**	25
7	**2020-207/000-036**	25
8	**2020-208/000-036**	25
9	**2020-209/000-036**	25
10	**2020-210/000-036**	25
11	**2020-211/000-036**	20
12	**2020-212/000-036**	20
13	**2020-213/000-036**	10
14	**2020-214/000-036**	10
15	**2020-215/000-036**	10

Pole No.	Item No.	Pack. Unit
2-conductor female plug with ground end module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-203/000-037**	50
4	**2020-204/000-037**	50
5	**2020-205/000-037**	50
6	**2020-206/000-037**	25
7	**2020-207/000-037**	25
8	**2020-208/000-037**	25
9	**2020-209/000-037**	25
10	**2020-210/000-037**	25
11	**2020-211/000-037**	20
12	**2020-212/000-037**	20
13	**2020-213/000-037**	10
14	**2020-214/000-037**	10
15	**2020-215/000-037**	10

Pole No.	Item No.	Pack. Unit
2-conductor female plug with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2020-203/000-038**	50
4	**2020-204/000-038**	50
5	**2020-205/000-038**	50
6	**2020-206/000-038**	25
7	**2020-207/000-038**	25
8	**2020-208/000-038**	25
9	**2020-209/000-038**	25
10	**2020-210/000-038**	25
11	**2020-211/000-038**	20
12	**2020-212/000-038**	20
13	**2020-213/000-038**	10
14	**2020-214/000-038**	10
15	**2020-215/000-038**	10

Accessories Female Plugs

Appropriate marking systems: WMB/Marking strips

Protective warning marker,
with high-voltage symbol, black,
for 5 terminal blocks
yellow **2000-115** 100 (4x25)

Locking lever,
9.6 mm wide
orange **2022-152** 100 (4x25)
gray **2022-151** 100 (4x25)

Locking lever,
4.8 mm wide
orange **2022-142** 100 (4x25)
gray **2022-141** 100 (4x25)

Strain relief plate, gray

35 mm width **734-326** 100 (4x25)
6 mm wide **734-327** 100 (4x25)
12.5 mm width **734-328** 100 (4x25)
25 mm wide **734-329** 100 (4x25)

WMB Multi marking system,
10 strips with 10 markers per card,
for 3.5 mm terminal block width
plain **793-3501** 5

Marking strip, plain,
11 mm wide,
50 m roll
white **2009-110** 1

Approvals see www.wago.com

0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16
500 V/6 kV/3 ❷
I_N 13.5 A ❸
Module width 3.5 mm / 0.138 in.
9 … 11 mm / 0.39 in. ❹

Pole No.	Item No.	Pack. Unit
2-conductor female plug with ground end module (green-yellow),		
for insertion into carrier terminal blocks,		
with coding fingers		
3	**2020-203/000-039**	50
4	**2020-204/000-039**	50
5	**2020-205/000-039**	50
6	**2020-206/000-039**	25
7	**2020-207/000-039**	25
8	**2020-208/000-039**	25
9	**2020-209/000-039**	25
10	**2020-210/000-039**	25
11	**2020-211/000-039**	20
12	**2020-212/000-039**	20
13	**2020-213/000-039**	10
14	**2020-214/000-039**	10
15	**2020-215/000-039**	10

❶ Conductor sizes: 0.14 mm² … 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² … 1.5 mm² "s" and 0.5 mm² … 0.75 mm² "insulated ferrule, 10 mm"

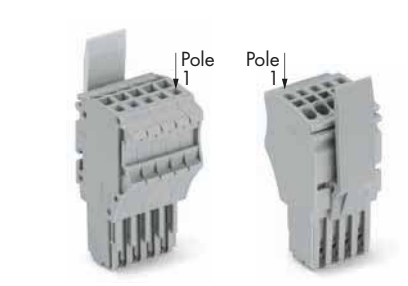
❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

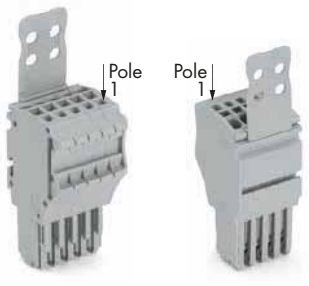
❸ Current-carrying capacity curves upon request

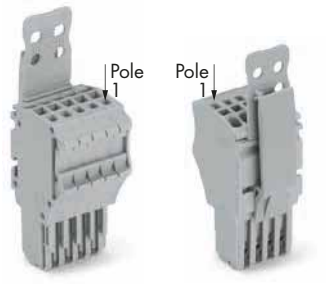
❹ Strip length, see packaging or instructions.

X-COM®S-SYSTEM-MINI
1-Conductor Female Plugs with Locking Levers and Strain Relief Plates
2020 Series

0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹	0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹	0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹







Pole No.	Item No.	Pack. Unit
1-conductor female plug with locking lever, for insertion into carrier terminal blocks, with coding fingers, gray According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
2	**2020-102/122-000**	100
3	**2020-103/122-000**	50
4	**2020-104/124-000**	50
5	**2020-105/124-000**	50
6	**2020-106/124-000**	25
7	**2020-107/124-000**	25
8	**2020-108/124-000**	25
9	**2020-109/124-000**	25
10	**2020-110/125-000**	25
11	**2020-111/125-000**	20
12	**2020-112/125-000**	20
13	**2020-113/125-000**	10
14	**2020-114/125-000**	10
15	**2020-115/125-000**	10

Pole No.	Item No.	Pack. Unit
1-conductor female plug with strain relief plate, for insertion into carrier terminal blocks, with coding fingers, gray According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
2	**2020-102/132-000**	100
3	**2020-103/132-000**	50
4	**2020-104/133-000**	50
5	**2020-105/133-000**	50
6	**2020-106/133-000**	25
7	**2020-107/134-000**	25
8	**2020-108/134-000**	25
9	**2020-109/134-000**	25
10	**2020-110/135-000**	25
11	**2020-111/135-000**	20
12	**2020-112/135-000**	20
13	**2020-113/135-000**	10
14	**2020-114/135-000**	10
15	**2020-115/135-000**	10

Pole No.	Item No.	Pack. Unit
1-conductor female plug with strain relief plate and locking lever, for insertion into carrier terminal blocks, with coding fingers, gray According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
2	**2020-102/142-000**	100
3	**2020-103/142-000**	50
4	**2020-104/143-000**	50
5	**2020-105/143-000**	50
6	**2020-106/143-000**	25
7	**2020-107/144-000**	25
8	**2020-108/144-000**	25
9	**2020-109/144-000**	25
10	**2020-110/145-000**	25
11	**2020-111/145-000**	20
12	**2020-112/145-000**	20
13	**2020-113/145-000**	10
14	**2020-114/145-000**	10
15	**2020-115/145-000**	10

Accessories Female Plugs

Appropriate marking systems: WMB/Marking strips

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks			
yellow	**2000-115**	100 (4x25)	

Locking lever,

9.6 mm wide		
orange	**2022-152**	100 (4x25)
gray	**2022-151**	100 (4x25)

Locking lever,

4.8 mm wide		
orange	**2022-142**	100 (4x25)
gray	**2022-141**	100 (4x25)

Strain relief plate, gray

35 mm width	**734-326**	100 (4x25)
6 mm wide	**734-327**	100 (4x25)
12.5 mm width	**734-328**	100 (4x25)
25 mm wide	**734-329**	100 (4x25)

WMB Multi marking system,

10 strips with 10 markers per card, for 3.5 mm terminal block width		
plain	**793-3501**	5

Marking strip, plain,

11 mm wide, 50 m roll		
white	**2009-110**	1

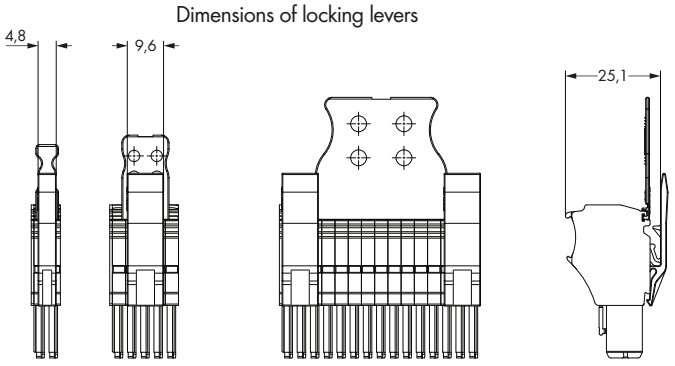
Approvals see www.wago.com

1. Conductor sizes: 0.14 mm² ... 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² ... 1.5 mm² "s" and 0.5 mm² ... 0.75 mm² "insulated ferrule, 10 mm"
2. 500 V = rated voltage
   6 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Current-carrying capacity curves upon request
4. Strip length, see packaging or instructions.

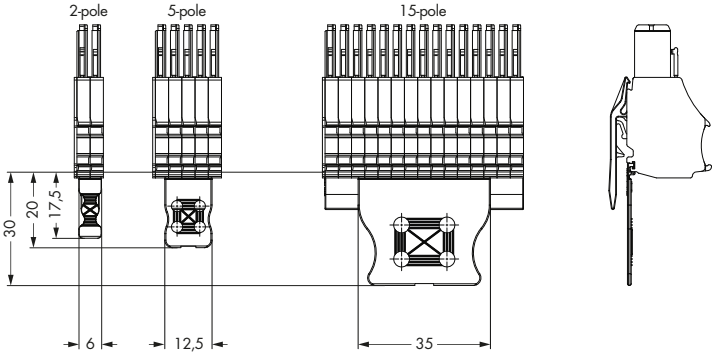
Strain Relief Plate (SRP), Gray			Assembled	Locking Levers (LL), Gray				SRP and LL, Gray Assembled
SRP				Pole No.	Quantity	1-way	2-way	
			Item No. Suffix			Item No. Suffix		Item No. Suffix
Item No.	Color	Width						
734-327	gray	6mm	/132-0xx	2 to 3	1	/122-0xx	–	/142-0xx
734-328	gray	12.5mm	/133-0xx	4 to 6	1	–	/124-0xx	/143-0xx
734-329	gray	25mm	/134-0xx	7 to 9	1	–	/124-0xx	/144-0xx
734-326	gray	35mm	/135-0xx	10 to 15	2	–	/125-0xx	/145-0xx

For colored female plugs, the item number suffix "xx" must be replaced by the blue "-006" and the green-yellow "-016" color suffix.

Dimensions of locking levers



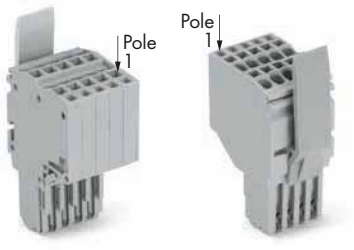
Description	Color	Item No.	Suffix No.
1-conductor female plug 2 to 15-pole	gray	2020-102	none
	blue	to	/000-006
	green-yellow	2020-115	/000-016

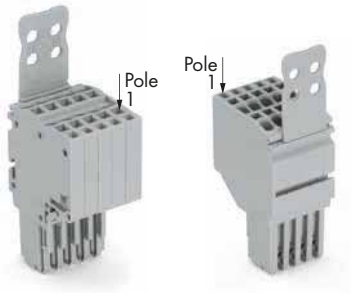


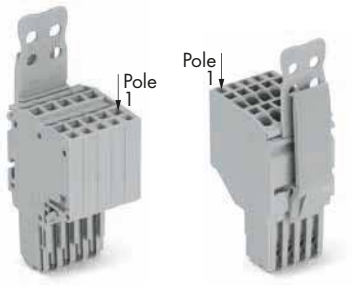
Dimensions of strain relief plates

X-COM®S-SYSTEM-MINI
2-Conductor Female Plugs with Locking Levers and Strain Relief Plates
2020 Series

0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹	0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹	0.14 … 1 (1.5) mm² ❶ | AWG 24 … 16 500 V/6 kV/3 ❷ I_N 13.5 A ❸ Module width 3.5 mm / 0.138 in. 9 … 11 mm / 0.39 in. ❹







Pole No.	Item No.	Pack. Unit
2-conductor female plug with locking lever, for insertion into carrier terminal blocks, with coding fingers, gray According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
2	**2020-202/122-000**	100
3	**2020-203/122-000**	50
4	**2020-204/124-000**	50
5	**2020-205/124-000**	50
6	**2020-206/124-000**	25
7	**2020-207/124-000**	25
8	**2020-208/124-000**	25
9	**2020-209/124-000**	25
10	**2020-210/125-000**	25
11	**2020-211/125-000**	20
12	**2020-212/125-000**	20
13	**2020-213/125-000**	10
14	**2020-214/125-000**	10
15	**2020-215/125-000**	10

Pole No.	Item No.	Pack. Unit
2-conductor female plug with strain relief plate, for insertion into carrier terminal blocks, with coding fingers, gray According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
2	**2020-202/132-000**	100
3	**2020-203/132-000**	50
4	**2020-204/133-000**	50
5	**2020-205/133-000**	50
6	**2020-206/133-000**	25
7	**2020-207/134-000**	25
8	**2020-208/134-000**	25
9	**2020-209/134-000**	25
10	**2020-210/135-000**	25
11	**2020-211/135-000**	20
12	**2020-212/135-000**	20
13	**2020-213/135-000**	10
14	**2020-214/135-000**	10
15	**2020-215/135-000**	10

Pole No.	Item No.	Pack. Unit
2-conductor female plug with strain relief plate and locking lever, for insertion into carrier terminal blocks, with coding fingers, gray According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
2	**2020-202/142-000**	100
3	**2020-203/142-000**	50
4	**2020-204/143-000**	50
5	**2020-205/143-000**	50
6	**2020-206/143-000**	25
7	**2020-207/144-000**	25
8	**2020-208/144-000**	25
9	**2020-209/144-000**	25
10	**2020-210/145-000**	25
11	**2020-211/145-000**	20
12	**2020-212/145-000**	20
13	**2020-213/145-000**	10
14	**2020-214/145-000**	10
15	**2020-215/145-000**	10

Accessories Female Plugs

Appropriate marking systems: WMB/Marking strips

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks		
yellow	**2000-115**	100 (4x25)

Locking lever,

9.6 mm wide		
orange	**2022-152**	100 (4x25)
gray	**2022-151**	100 (4x25)

Locking lever,

4.8 mm wide		
orange	**2022-142**	100 (4x25)
gray	**2022-141**	100 (4x25)

Strain relief plate, gray

35 mm width	**734-326**	100 (4x25)
25 mm wide	**734-329**	100 (4x25)
6 mm wide	**734-327**	100 (4x25)
12.5 mm width	**734-328**	100 (4x25)

WMB Multi marking system,

10 strips with 10 markers per card, for 3.5 mm terminal block width		
plain	**793-3501**	5

Marking strip, plain,

11 mm wide, 50 m roll		
white	**2009-110**	1

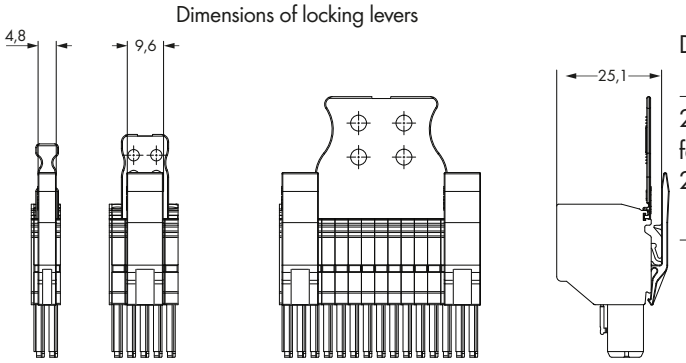
Approvals see www.wago.com

1. Conductor sizes: 0.14 mm² ... 1.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² ... 1.5 mm² "s" and 0.5 mm² ... 0.75 mm² "insulated ferrule, 10 mm"
2. 500 V = rated voltage
   6 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Current-carrying capacity curves upon request
4. Strip length, see packaging or instructions.

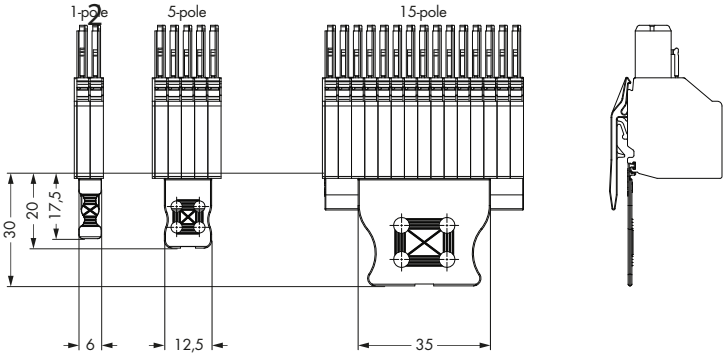
Strain Relief Plate (SRP), Gray			Assembled	Locking Levers (LL), Gray				SRP and LL, Gray Assembled
SRP				Pole No.	Quantity	1-way	2-way	
			Item No. Suffix			Item No. Suffix		Item No. Suffix
Item No.	Color	Width						
734-327	gray	6mm	/132-0xx	2 to 3	1	/122-0xx	–	/142-0xx
734-328	gray	12.5mm	/133-0xx	4 to 6	1	–	/124-0xx	/143-0xx
734-329	gray	25mm	/134-0xx	7 to 9	1	–	/124-0xx	/144-0xx
734-326	gray	35mm	/135-0xx	10 to 15	2	–	/125-0xx	/145-0xx

For colored female plugs, the item number suffix "xx" must be replaced by the blue "-006" and the green-yellow "-016" color suffix.

Dimensions of locking levers



Description	Color	Item No.	Suffix No.
2-conductor female plug 2 to 15-pole	gray	2020-202 to 2020-215	none
	blue		/000-006
	green-yellow		/000-016

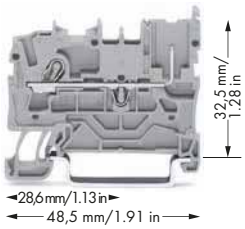


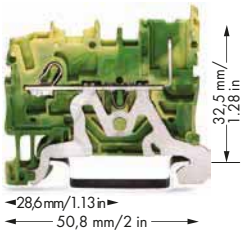
Dimensions of strain relief plates

X-COM®S-SYSTEM
1-Conductor/1-Pin Carrier Terminal Blocks
2022 Series

PUSH-IN CAGE CLAMP®

0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 690 V/6 kV/3 ❷ | 600 V, 5 A I_N 24 A (32 A) ❸ Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❹	0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❹





❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 690 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Current-carrying capacity curves upon request

❹ Strip length, see packaging or instructions.

❺ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Delta jumper, page 165
Star point jumper, page 165
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164

	Item No.	Pack. Unit
1-conductor/1-pin carrier terminal block, for DIN 35 rail, acc. to EN 60715		
gray	**2022-1201**	100
blue	**2022-1204**	100
orange	**2022-1202**	100

	Item No.	Pack. Unit
1-conductor/1-pin ground carrier terminal block, for DIN 35 rail, acc. to EN 60715		
green-yellow	**2022-1207**	100

Item-Specific Accessories

Protective warning marker,
with high-voltage symbol, black,
for 5 terminal blocks
yellow **2002-115** 100 (4x25)

2022 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick
orange **2022-1292** 100 (4x25)
gray **2022-1291** 100 (4x25)

Insulation stop,
5 pcs/strip,
0.25 ... 0.5 mm²
light gray **2002-171** 200 (8x25)

Insulation stop,
5 pcs/strip,
0.75 ... 1 mm²
dark gray **2002-172** 200 (8x25)

Push-in type jumper bar, insulated, ❺
I_N 25 A,
light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Delta jumper, insulated, ❺
I_N = I_N terminal block, light gray
1-2 3-4 5-6 **2002-406/020-000**
100 (4x25)

Star point jumper, insulated, ❺
I_N = I_N terminal block, light gray
1-3-5 **2002-405/011-000**
100 (4x25)

Push-in type jumper bar, insulated,
I_N 25 A,
light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Staggered jumper, ❺
insulated,
I_N 25 A,
light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Adjacent jumper for continuous commoning, insulated, ❺
I_N 25 A,
light gray
2-way **2002-400** 100 (4x25)

Accessories

Push-in type wire jumper, ❺
insulated,
I_N 16 A,
wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Carrier with 6 coding pins,
for coding female plugs
orange **2022-100** 100 (4x25)

Test pin,
1 mm Ø
859-500 1

1-conductor female plug
gray **2022-101** 200

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

WMB Multi marking system, plain,
10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm

yellow	**793-5501/000-002**
red	**793-5501/000-005**
blue	**793-5501/000-006**
gray	**793-5501/000-007**
orange	**793-5501/000-012**
light green	**793-5501/000-017**
green	**793-5501/000-023**
violet	**793-5501/000-024**

5

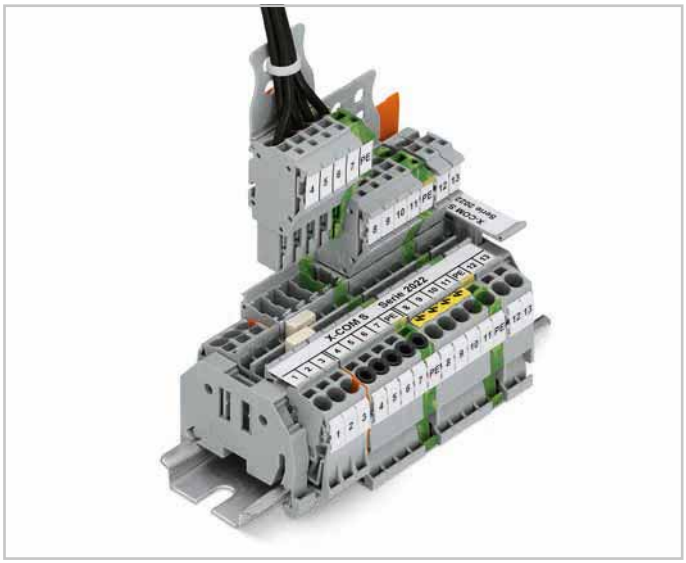
WMB Inline, plain,
stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

Marking strip, plain,
11 mm wide,
50 m roll
white **2009-110** 1

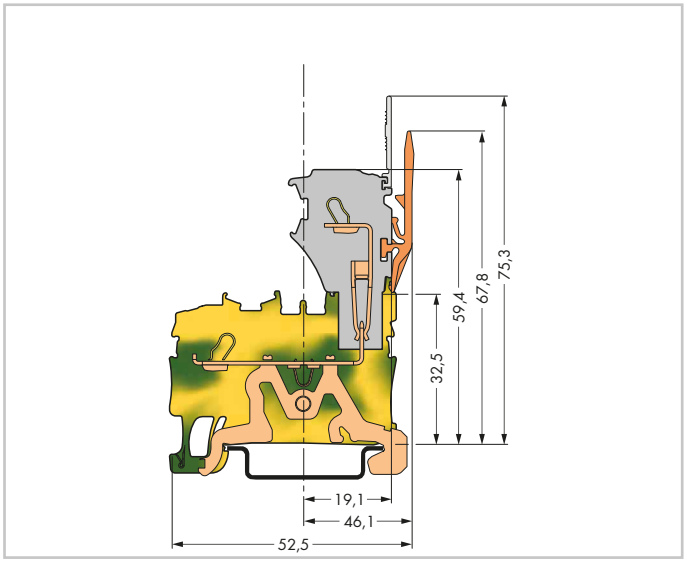
Screwless end stop,
for DIN 35 rail,
6 mm wide
gray **249-116** 100 (4x25)

Approvals see www.wago.com

Types of Assembly
1-Conductor/1-Pin Carrier Terminal Blocks and 1-Conductor Female Plugs

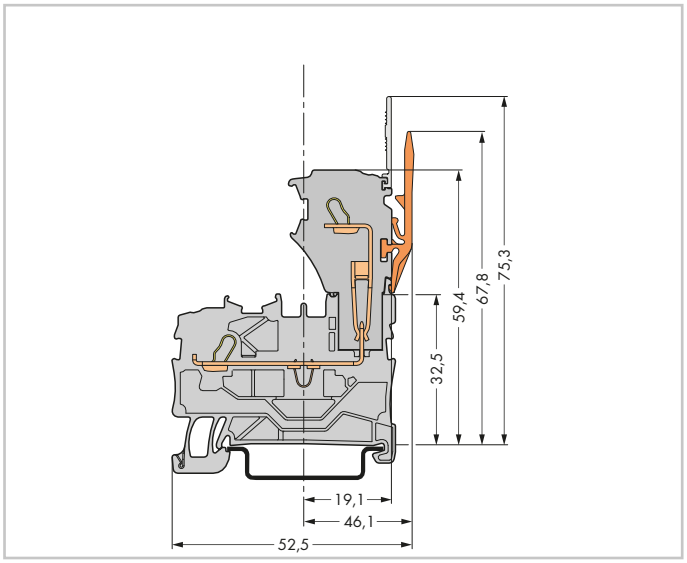


X-COM® S terminal block assembly

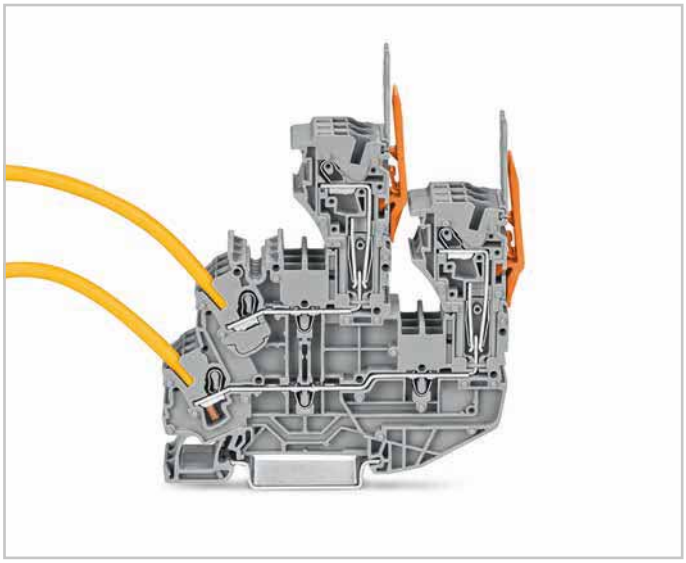


Ground carrier terminal block

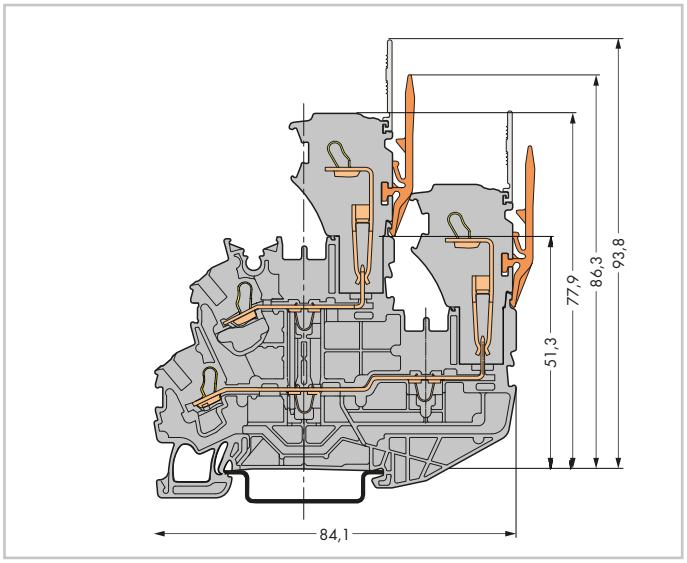
1-conductor female plug
Carrier terminal blocks can be commoned via 2002 Series push-in type jumper bars.



Carrier terminal block



2 x 1-conductor female plugs
Carrier terminal blocks can be commoned via 2002 Series push-in type jumper bars.



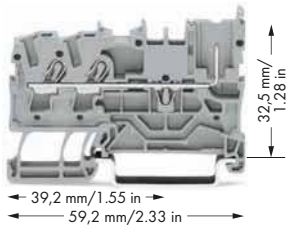
Double-deck carrier terminal block

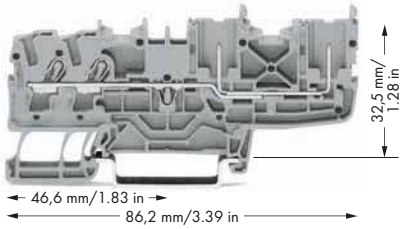
X-COM®S-SYSTEM
2-Conductor/1-Pin Carrier Terminal Blocks;
2-Conductor/2-Pin Carrier Terminal Blocks, 2022 Series

PUSH-IN CAGE CLAMP®

0.25 … 2.5 (4) mm² ❶	AWG 22 … 12
690 V/6 kV/3 ❷	600 V, 5 A
I_N 24 A (32 A) ❸	
Terminal block width 5.2 mm / 0.205 in.	
10 … 12 mm / 0.43 in.❹	

0.25 … 2.5 (4) mm² ❶	AWG 22 … 12
690 V/6 kV/3 ❷	600 V, 5 A
I_N 24 A (28 A) ❸	
Terminal block width 5.2 mm / 0.205 in.	
10 … 12 mm / 0.43 in.❹	





❶ Conductor sizes: 0.25 mm² … 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² … 4 mm² "s" and 0.75 mm² … 2.5 mm² "insulated ferrule, 12 mm"

❷ 690 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Current-carrying capacity curves upon request

❹ Strip length, see packaging or instructions.

❺ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Delta jumper, page 165
Star point jumper, page 165
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164

	Item No.	Pack. Unit
2-conductor/1-pin carrier terminal block, for DIN 35 rail, acc. to EN 60715		
gray	**2022-1301**	100
blue	**2022-1304**	100
orange	**2022-1302**	100
2-conductor/1-pin ground carrier terminal block, for DIN 35 rail, acc. to EN 60715		
green-yellow	**2022-1307**	100

	Item No.	Pack. Unit
2-conductor/2-pin carrier terminal block, for DIN 35 rail, acc. to EN 60715		
gray	**2022-1401**	50
blue	**2022-1404**	50
orange	**2022-1402**	50
2-conductor/2-pin ground carrier terminal block, for DIN 35 rail, acc. to EN 60715		
green-yellow	**2022-1407**	50

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2022-1392**	100 (4x25)
gray	**2022-1391**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2022-1492**	100 (4x25)
gray	**2022-1491**	100 (4x25)

2022 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop,

5 pcs/strip,
0.25 … 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip,
0.75 … 1 mm²

dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated, ❺

I_N 25 A,
light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Delta jumper, insulated, ❻

I_N = I_N terminal block, light gray

1-2 3-4 5-6	**2002-406/020-000**
	100 (4x25)

Star point jumper, insulated, ❻

I_N = I_N terminal block, light gray

1-3-5	**2002-405/011-000**
	100 (4x25)

Push-in type jumper bar, insulated,

I_N 25 A,
light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Staggered jumper, ❺

insulated,
I_N 25 A,
light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Accessories

Adjacent jumper for continuous commoning, insulated, ❻

I_N 25 A,
light gray

2-way	**2002-400**	100 (4x25)

Push-in type wire jumper, ❺

insulated,
I_N 16 A,
wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Carrier with 6 coding pins,

for coding female plugs

orange	**2022-100**	100 (4x25)

Test pin,

1 mm Ø

859-500	1

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

1-conductor female plug

gray	**2022-101**	200

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 5 … 5.2 mm

plain	**793-5501**	5

WMB Multi marking system, plain,

10 strips with 10 markers per card,
stretchable 5 … 5.2 mm

yellow	**793-5501/000-002**
red	**793-5501/000-005**
blue	**793-5501/000-006**
gray	**793-5501/000-007**
orange	**793-5501/000-012**
light green	**793-5501/000-017**
green	**793-5501/000-023**
violet	**793-5501/000-024**
	5

WMB Inline, plain,

stretchable 5 … 5.2 mm,
1,500 WMB markers, 5 mm, on roll

white	**2009-115**	1

Approvals see www.wago.com

X-COM®S-SYSTEM
1-Conductor Female Plugs
2022 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12
690 V/6 kV/3 ❷
I_N 24 A (32 A) ❸

Module width 5.2 mm / 0.205 in.
10 … 12 mm / 0.43 in.❹

❶ Conductor sizes: 0.25 mm² … 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² … 4 mm² "s" and 0.75 mm² … 2.5 mm² "insulated ferrule, 12 mm"

❷ 690 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Current-carrying capacity curves upon request

❹ Strip length, see packaging or instructions.

❺ Item-no. suffix
blue …/000-006
orange …/000-012

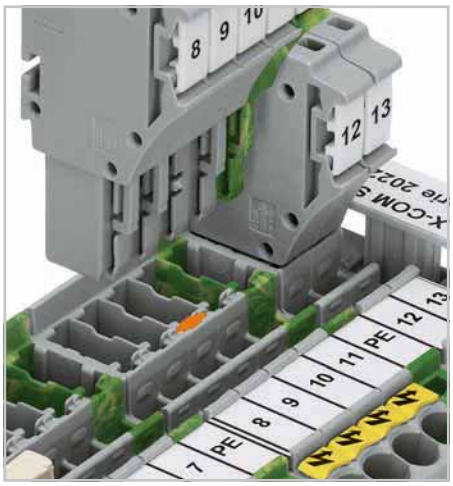
Pole No.	Item No.	Pack. Unit
1-conductor female plug, for insertion into carrier terminal blocks, with coding fingers, gray		
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
1	**2022-101**	200
2	**2022-102**	200
3	**2022-103**	100
4	**2022-104**	100
5	**2022-105**	50
6	**2022-106**	50
7	**2022-107**	50
8	**2022-108**	50
9	**2022-109**	50
10	**2022-110**	25
11	**2022-111**	25
12	**2022-112**	25
13	**2022-113**	25
14	**2022-114**	25
15	**2022-115**	25
1-conductor female plug, for insertion into carrier terminal blocks, with coding fingers, green-yellow		
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
1	**2022-101/000-016**	200
2	**2022-102/000-016**	200

Accessories

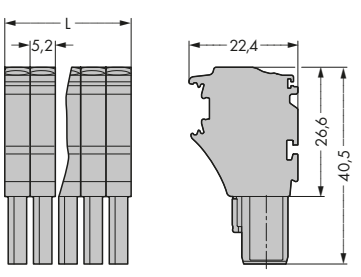
Appropriate marking systems:
WMB/Marking strips/WMB Inline

Insulation stop,	5 pcs/strip, 0.25 … 0.5 mm²			
	light gray	**2002-171**	200	(8x25)
Insulation stop,	5 pcs/strip, 0.75 … 1 mm²			
	dark gray	**2002-172**	200	(8x25)
Locking lever,	4.8 mm wide			
	orange	**2022-142**	100	(4x25)
	gray	**2022-141**	100	(4x25)
Locking lever,	9.6 mm wide			
	orange	**2022-152**	100	(4x25)
	gray	**2022-151**	100	(4x25)
Protective warning marker,	with high-voltage symbol, black, for 5 terminal blocks			
	yellow	**2002-115**	100	(4x25)
Carrier with 6 coding pins,	for coding female plugs			
	orange	**2022-100**	100	(4x25)
Strain relief plate, gray	35 mm width	**734-326**	100	(4x25)
	6 mm wide	**734-327**	100	(4x25)
	12.5 mm width	**734-328**	100	(4x25)
	25 mm wide	**734-329**	100	(4x25)
	55 mm width	**734-430**	50	(2x25)
	75 mm width	**734-431**	50	(2x25)
WMB Multi marking system,	10 strips with 10 markers per card, stretchable 5 … 5.2 mm			
	plain	**793-5501**	5	
WMB Inline, plain,	stretchable 5 … 5.2 mm, 1,500 WMB markers, 5 mm, on roll			
	white	**2009-115**	1	
Marking strip, plain,	11 mm wide, 50 m roll			
	white	**2009-110**	1	

To code a female plug, remove the desired coding finger using a suitable tool.



Insert a 2022-100 coding pin into the corresponding location of the carrier terminal block.



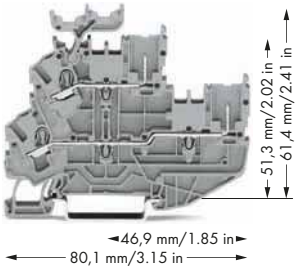
L = pole no. x module width

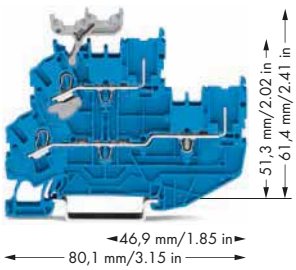
Dimensions in mm

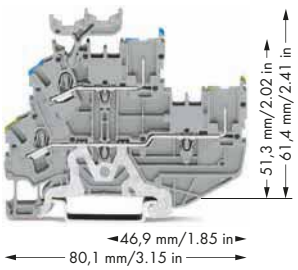
Approvals see www.wago.com

X-COM®S-SYSTEM
1-Conductor/1-Pin Double-Deck Carrier Terminal Blocks
2022 Series

0.25 ... 2.5 (4) mm² ❶ 690 V/6 kV/3 ❷ I_N 24 A (28 A) ❸ | AWG 22 ... 12 600 V, 20 A Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❹	0.25 ... 2.5 (4) mm² ❶ 690 V/6 kV/3 ❷ I_N 24 A (28 A) ❸ | AWG 22 ... 12 600 V, 20 A Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❹	0.25 ... 2.5 (4) mm² ❶ 690 V/6 kV/3 ❷ I_N 24 A (28 A) ❸ | AWG 22 ... 12 600 V, 20 A Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❹



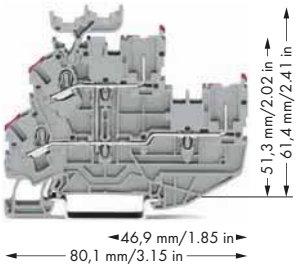


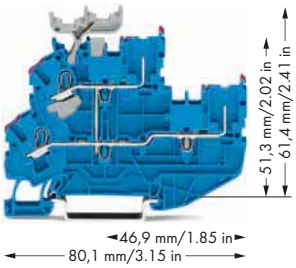


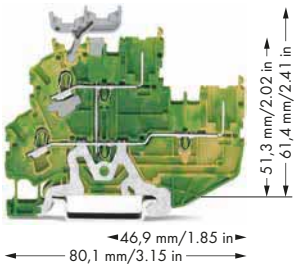
	Item No.	Pack. Unit
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block, with marker carrier, gray housing		
L/L	**2022-2231**	50
N/L	**2022-2232**	50
L/N	**2022-2233**	50
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block, without marker carrier, gray housing		
L/L	**2022-2201**	50
N/L	**2022-2202**	50
L/N	**2022-2203**	50

	Item No.	Pack. Unit
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block, with marker carrier, blue housing		
N/N	**2022-2234**	50
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block, without marker carrier, blue housing		
N/N	**2022-2204**	50

	Item No.	Pack. Unit
1-conductor/1-pin double-deck carrier terminal block, ground conductor/through terminal block, with marker carrier, gray housing		
PE/N	**2022-2247**	50
PE/L	**2022-2257**	50
1-conductor/1-pin double-deck carrier terminal block, ground conductor/through terminal block, without marker carrier, gray housing		
PE/N	**2022-2217**	50
PE/L	**2022-2227**	50







	Item No.	Pack. Unit
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin through terminal block, with marker carrier, internal commoning, conductor entry with violet marking, gray housing		
L	**2022-2238**	50
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin through terminal block, without marker carrier, internal commoning, conductor entry with violet marking, gray housing		
L	**2022-2208**	50

	Item No.	Pack. Unit
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin through terminal block, with marker carrier, internal commoning, conductor entry with violet marking, blue housing		
N	**2022-2239**	50
2-conductor/2-pin double-deck carrier terminal block, 2-conductor/2-pin through terminal block, without marker carrier, internal commoning, conductor entry with violet marking, blue housing		
N	**2022-2209**	50

	Item No.	Pack. Unit
2-conductor/2-pin double-deck carrier terminal block, **2-conductor/2-pin ground conductor terminal block,** with marker carrier, internal commoning, green-yellow housing		
PE	**2022-2237**	50
2-conductor/2-pin double-deck carrier terminal block, **2-conductor/2-pin ground conductor terminal block,** without marker carrier, internal commoning, green-yellow housing		
PE	**2022-2207**	50

Approvals see www.wago.com

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 690 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Current-carrying capacity curves upon request

❹ Strip length, see packaging or instructions.

❺ See application notes for:
Colored push-in type jumper bars, page 163
Vertical jumper, page 167

2022 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick

orange	**2022-2292**	100 (4x25)
gray	**2022-2291**	100 (4x25)

Insulation stop,

5 pcs/strip,
0.25 ... 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip,
0.75 ... 1 mm²

dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated, ❺

I_N 25 A,
light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 25 A,
light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Double-deck vertical jumper, insulated, ❺

I_N 24 A

light gray	**2002-492**	100 (4x25)
orange	**2002-492/000-012**	

Carrier with 6 coding pins,

for coding female plugs

orange	**2022-100**	100 (4x25)

Test pin,

1 mm Ø

	859-500	1

1-conductor female plug

gray	**2022-101**	200

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

Double-deck marker carrier,

pivoting

gray	**2002-121**	50 (2x25)

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm

plain	**793-5501**	5

WMB Multi marking system, plain,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm

yellow	**793-5501/000-002**	
red	**793-5501/000-005**	
blue	**793-5501/000-006**	
gray	**793-5501/000-007**	
orange	**793-5501/000-012**	
light green	**793-5501/000-017**	
green	**793-5501/000-023**	
violet	**793-5501/000-024**	
		5

WMB Inline, plain,

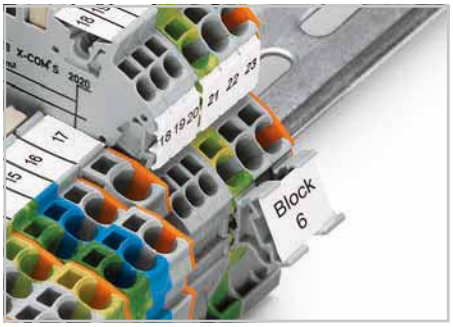
stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll

white	**2009-115**	1

Marking strip, plain,

11 mm wide,
50 m roll

white	**2009-110**	1



Marking
with marker strip 2009-198

X-COM®S-SYSTEM
Female Plugs for Self-Assembly
2022 Series

0.25 ... 2.5 (4) mm² ❶	AWG 22 ... 12
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	

Terminal block width 5.2 mm / 0.205 in.
10 ... 12 mm / 0.43 in.❹

	Item No.	Pack. Unit
1-conductor end module,		
with coding fingers		
gray	**2022-181**	250
blue	**2022-184**	250
orange	**2022-182**	250
green-yellow	**2022-187**	250
1-conductor center module,		
with coding fingers		
gray	**2022-171**	250
blue	**2022-174**	250
orange	**2022-172**	250
green-yellow	**2022-177**	250
1-conductor base module, with integrated end plate,		
with coding fingers		
gray	**2022-161**	250
blue	**2022-164**	250
orange	**2022-162**	250
green-yellow	**2022-167**	250

Accessories Female Plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop,

5 pcs/strip, 0.25 ... 0.5 mm²
light gray **2002-171** 200 (8x25)

Insulation stop,

5 pcs/strip, 0.75 ... 1 mm²
dark gray **2002-172** 200 (8x25)

Locking lever,

4.8 mm wide
orange **2002-142** 100 (4x25)
gray **2002-141** 100 (4x25)

Locking lever,

9.6 mm wide
orange **2002-152** 100 (4x25)
gray **2002-151** 100 (4x25)

Strain relief plate, gray

35 mm width	**734-326**	100 (4x25)
6 mm wide	**734-327**	100 (4x25)
12.5 mm width	**734-328**	100 (4x25)
25 mm wide	**734-329**	100 (4x25)
55 mm width	**734-430**	50 (2x25)
75 mm width	**734-431**	50 (2x25)

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks
yellow **2002-115** 100 (4x25)

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

WMB Multi marking system, plain,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm

yellow	**793-5501/000-002**	
red	**793-5501/000-005**	
blue	**793-5501/000-006**	
gray	**793-5501/000-007**	
orange	**793-5501/000-012**	
light green	**793-5501/000-017**	
green	**793-5501/000-023**	
violet	**793-5501/000-024**	

5

WMB Inline, plain,

stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

Approvals see www.wago.com

Self-Assembly of Individual Female Plugs
Using modular female plugs from the X-COM®S-SYSTEM, female plugs can be customized for applications requiring varying numbers of poles (e.g., when designing prototypes).

Modules and Pole Numbers
A self-assembled female plug consists of:
Base module with integrated end plate
up to 13 center modules (corresponding to a 15-pole female plug = maximum number of poles)
end module.

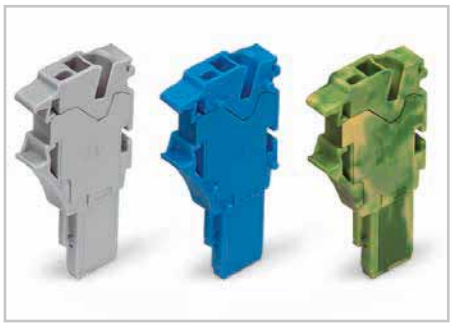
Intended Use
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.

Assembly
The appropriate mounting tool shall be used to guarantee that the individual modules are properly attached to each other without damaging the locking latches.

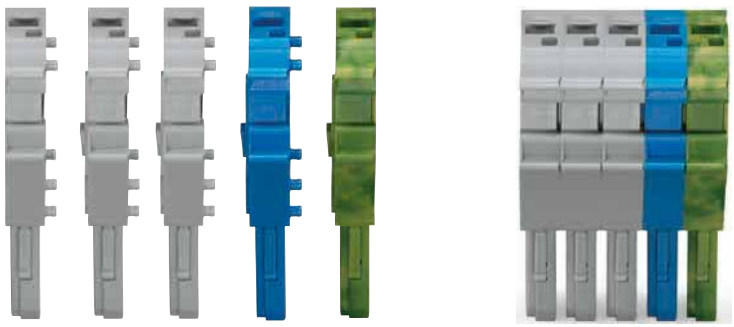
1. Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"
2. 690 V = rated voltage
   6 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Current-carrying capacity curves upon request
4. Strip length, see packaging or instructions.


End Module


Center Module


Base Module

Example: 5-Pole, 1-Conductor Female Plug



Base module with integrated end plate
2022-167

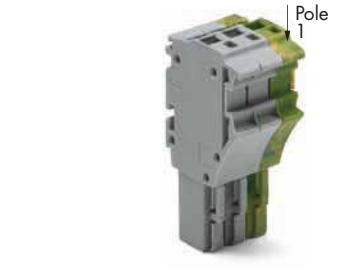
Center module
2022-174

Center modules
2022-171

End module
2022-181

X-COM®S-SYSTEM
Pre-Assembled Female Plugs
2022 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 690 V/6 kV/3 ❷ I_N 24 A (32 A) ❸ Module width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❹	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 690 V/6 kV/3 ❷ I_N 24 A (32 A) ❸ Module width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❹	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 690 V/6 kV/3 ❷ I_N 24 A (32 A) ❸ Module width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❹



Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2022-103/000-036**	100
4	**2022-104/000-036**	100
5	**2022-105/000-036**	50
6	**2022-106/000-036**	50
7	**2022-107/000-036**	50
8	**2022-108/000-036**	50
9	**2022-109/000-036**	50
10	**2022-110/000-036**	25
11	**2022-111/000-036**	25
12	**2022-112/000-036**	25
13	**2022-113/000-036**	25
14	**2022-114/000-036**	25
15	**2022-115/000-036**	25

Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground end module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2022-103/000-037**	100
4	**2022-104/000-037**	100
5	**2022-105/000-037**	50
6	**2022-106/000-037**	50
7	**2022-107/000-037**	50
8	**2022-108/000-037**	50
9	**2022-109/000-037**	50
10	**2022-110/000-037**	25
11	**2022-111/000-037**	25
12	**2022-112/000-037**	25
13	**2022-113/000-037**	25
14	**2022-114/000-037**	25
15	**2022-115/000-037**	25

Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2022-103/000-038**	100
4	**2022-104/000-038**	100
5	**2022-105/000-038**	50
6	**2022-106/000-038**	50
7	**2022-107/000-038**	50
8	**2022-108/000-038**	50
9	**2022-109/000-038**	50
10	**2022-110/000-038**	25
11	**2022-111/000-038**	25
12	**2022-112/000-038**	25
13	**2022-113/000-038**	25
14	**2022-114/000-038**	25
15	**2022-115/000-038**	25

Accessories Female Plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop,				
	5 pcs/strip,			
	0.25 … 0.5 mm²			
	light gray	**2002-171**	200 (8x25)	
Insulation stop,				
	5 pcs/strip,			
	0.75 … 1 mm²			
	dark gray	**2002-172**	200 (8x25)	
Locking lever,				
	4.8 mm wide			
	orange	**2022-142**	100 (4x25)	
	gray	**2022-141**	100 (4x25)	
Locking lever,				
	9.6 mm wide			
	orange	**2022-152**	100 (4x25)	
	gray	**2022-151**	100 (4x25)	

Protective warning marker,				
	with high-voltage symbol, black,			
	for 5 terminal blocks			
	yellow	**2002-115**	100 (4x25)	
Strain relief plate, gray				
	35 mm width	**734-326**	100 (4x25)	
	6 mm wide	**734-327**	100 (4x25)	
	12.5 mm width	**734-328**	100 (4x25)	
	25 mm wide	**734-329**	100 (4x25)	
	55 mm width	**734-430**	50 (2x25)	
	75 mm width	**734-431**	50 (2x25)	

WMB Multi marking system,				
	10 strips with 10 markers per card,			
	stretchable 5 … 5.2 mm			
	plain	**793-5501**		5
WMB Inline, plain,				
	stretchable 5 … 5.2 mm,			
	1,500 WMB markers, 5 mm, on roll			
	white	**2009-115**		1
Marking strip, plain,				
	11 mm wide,			
	50 m roll			
	white	**2009-110**		1

Approvals see www.wago.com

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12
690 V/6 kV/3 ❷
I_N 24 A (32 A) ❸
Module width 5.2 mm / 0.205 in.
10 … 12 mm / 0.43 in.❹

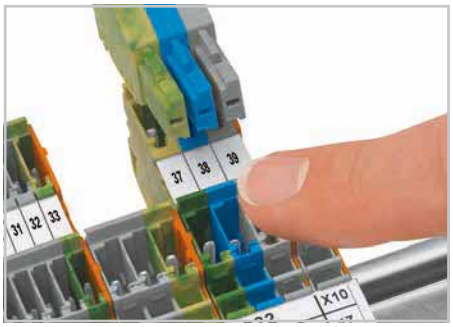
❶ Conductor sizes: 0.25 mm² … 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² … 4 mm² "s" and 0.75 mm² … 2.5 mm² "insulated ferrule, 12 mm"

❷ 690 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Current-carrying capacity curves upon request

❹ Strip length, see packaging or instructions.

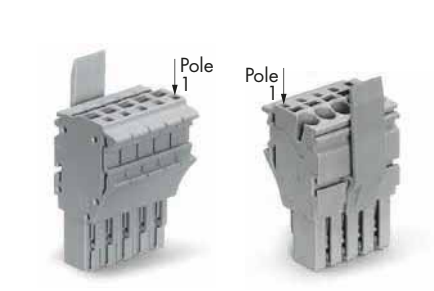
Pole No.	Item No.	Pack. Unit
1-conductor female plug with ground end module (green-yellow),		
for insertion into carrier terminal blocks,		
with coding fingers		
3	**2022-103/000-039**	100
4	**2022-104/000-039**	100
5	**2022-105/000-039**	50
6	**2022-106/000-039**	50
7	**2022-107/000-039**	50
8	**2022-108/000-039**	50
9	**2022-109/000-039**	50
10	**2022-110/000-039**	25
11	**2022-111/000-039**	25
12	**2022-112/000-039**	25
13	**2022-113/000-039**	25
14	**2022-114/000-039**	25
15	**2022-115/000-039**	25

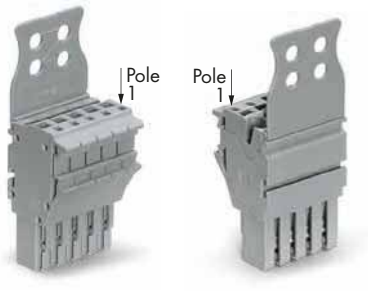


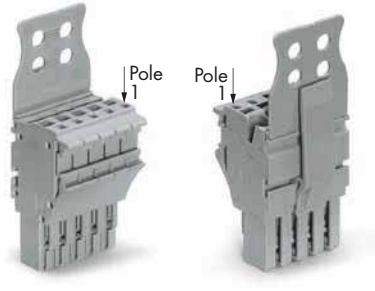
Carrier terminal blocks and female plugs are protected against accidental contact.

X-COM®S-SYSTEM
1-Conductor Female Plugs with Locking Levers and Strain Relief Plates
2022 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 690 V/6 kV/3 ❷ I_N 24 A (32 A) ❸ Module width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❹	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 690 V/6 kV/3 ❷ I_N 24 A (32 A) ❸ Module width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❹	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 690 V/6 kV/3 ❷ I_N 24 A (32 A) ❸ Module width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❹







Pole No.	Item No.	Pack. Unit
1-conductor female plug with locking lever, for insertion into carrier terminal blocks, with coding fingers, gray According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
1	**2022-101/122-000**	200
2	**2022-102/122-000**	100
3	**2022-103/123-000**	100
4	**2022-104/123-000**	50
5	**2022-105/123-000**	50
6	**2022-106/123-000**	50
7	**2022-107/123-000**	25
8	**2022-108/123-000**	25
9	**2022-109/123-000**	25
10	**2022-110/123-000**	25
11	**2022-111/126-000**	25
12	**2022-112/126-000**	20
13	**2022-113/126-000**	20
14	**2022-114/126-000**	15
15	**2022-115/127-000**	15
1-conductor female plug with locking lever, for insertion into carrier terminal blocks, with coding fingers, According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
1 blue	**2022-101/122-006**	200
1 green-yellow	**2022-101/122-016**	200

Pole No.	Item No.	Pack. Unit
1-conductor female plug with strain relief plate, for insertion into carrier terminal blocks, with coding fingers, gray According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
1	**2022-101/132-000**	200
2	**2022-102/132-000**	100
3	**2022-103/133-000**	100
4	**2022-104/133-000**	50
5	**2022-105/134-000**	50
6	**2022-106/134-000**	50
7	**2022-107/135-000**	25
8	**2022-108/135-000**	25
9	**2022-109/135-000**	25
10	**2022-110/135-000**	25
11	**2022-111/136-000**	25
12	**2022-112/136-000**	20
13	**2022-113/136-000**	20
14	**2022-114/136-000**	15
15	**2022-115/137-000**	15
1-conductor female plug with strain relief plate, for insertion into carrier terminal blocks, with coding fingers, According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
1 blue	**2022-101/132-006**	200
1 green-yellow	**2022-101/132-016**	200

Pole No.	Item No.	Pack. Unit
1-conductor female plug with strain relief plate and locking lever, for insertion into carrier terminal blocks, with coding fingers, gray According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
1	**2022-101/142-000**	200
2	**2022-102/142-000**	100
3	**2022-103/143-000**	100
4	**2022-104/143-000**	50
5	**2022-105/144-000**	50
6	**2022-106/144-000**	50
7	**2022-107/145-000**	25
8	**2022-108/145-000**	25
9	**2022-109/145-000**	25
10	**2022-110/145-000**	25
11	**2022-111/146-000**	25
12	**2022-112/146-000**	20
13	**2022-113/146-000**	20
14	**2022-114/146-000**	15
15	**2022-115/147-000**	15
1-conductor female plug with strain relief plate and locking lever, for insertion into carrier terminal blocks, with coding fingers, According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
1 blue	**2022-101/142-006**	200
1 green-yellow	**2022-101/142-016**	200

Accessories Female Plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop,
5 pcs/strip,
0.25 … 0.5 mm²
light gray **2002-171** 200 (8x25)

Insulation stop,
5 pcs/strip,
0.75 … 1 mm²
dark gray **2002-172** 200 (8x25)

Protective warning marker,
with high-voltage symbol, black,
for 5 terminal blocks
yellow **2002-115** 100 (4x25)

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 … 5.2 mm
plain **793-5501** 5

WMB Multi marking system, plain,
10 strips with 10 markers per card,
stretchable 5 … 5.2 mm

yellow	**793-5501/000-002**	
red	**793-5501/000-005**	
blue	**793-5501/000-006**	
gray	**793-5501/000-007**	
orange	**793-5501/000-012**	
light green	**793-5501/000-017**	
green	**793-5501/000-023**	
violet	**793-5501/000-024**	

5

WMB Inline, plain,
stretchable 5 … 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

Marking strip, plain,
11 mm wide,
50 m roll
white **2009-110** 1

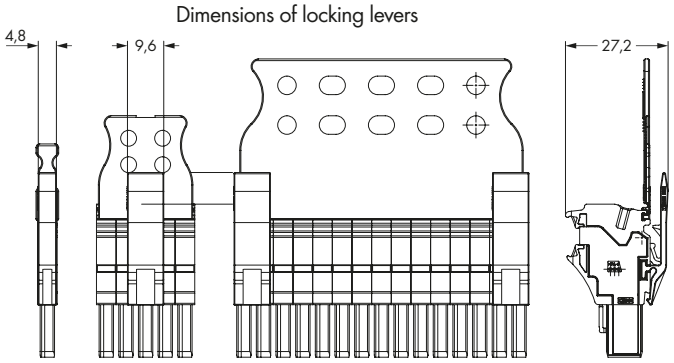
Approvals see www.wago.com

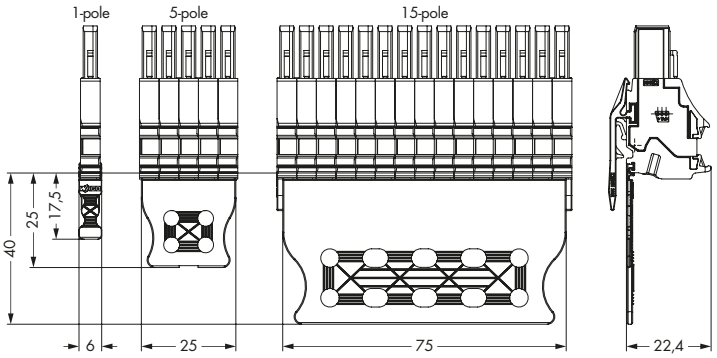
1. Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"
2. 690 V = rated voltage
   6 kV = rated surge voltage
   3 = pollution degree
   (see Full Line Catalog, Volume 1, Section 14)
3. Current-carrying capacity curves upon request
4. Strip length, see packaging or instructions.

Strain Relief Plate (SRP), Gray			Assembled	Locking Levers (LL), Gray				SRP and LL, Gray Assembled
SRP				Pole No.	Quantity	1-way	2-way	
			Item No. Suffix			Item No. Suffix		Item No. Suffix
Item No.	Color	Width						
734-327	gray	6mm	/132-0xx	1 to 2	1	/122-0xx	–	/142-0xx
734-328	gray	12.5mm	/133-0xx	3 to 4	1	–	/123-0xx	/143-0xx
734-329	gray	25mm	/134-0xx	5 to 6	1	–	/123-0xx	/144-0xx
734-326	gray	35mm	/135-0xx	7 to 10	1	–	/123-0xx	/145-0xx
734-430	gray	55mm	/136-0xx	11 to 14	2	–	/123-0xx	/144-0xx
734-431	gray	75mm	/137-0xx	15	2	–	/123-0xx	/145-0xx

For colored female plugs, the item number suffix "xx" must be replaced by the blue "-006" and the green-yellow "-016" color suffix.

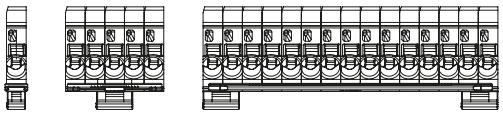
Dimensions of locking levers

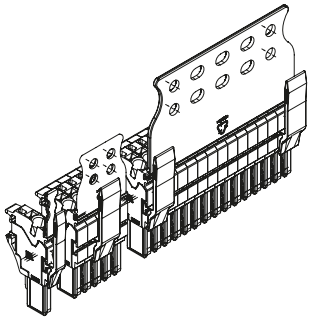




Dimensions of strain relief plates

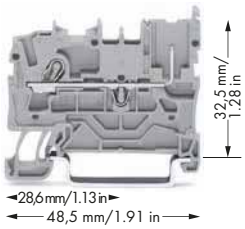
Description	Color	Item No.	Suffix No.
1-conductor female plug 1 to 15-pole	gray	2022-101	none
	blue	to	/000-006
	green-yellow	2022-115	/000-016

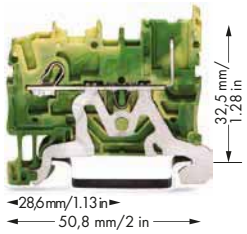


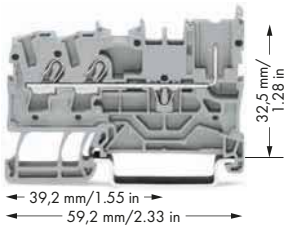


X-COM®S-SYSTEM
2-Conductor/1-Pin; 2-Conductor/1-Pin and 2-Conductor/2-Pin Carrier Terminal Blocks for Ex nA Applications, 2022 Series

0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 630 V ❷ I_N 20 A Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❸	0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❸	0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 630 V ❷ I_N 20 A Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.❸







Item No.		Pack. Unit
1-conductor/1-pin carrier terminal block, for DIN 35 rail, acc. to EN 60715		
gray	**2022-1201/999-953**	100
blue	**2022-1204/999-953**	100

Item No.		Pack. Unit
1-conductor/1-pin ground carrier terminal block, for DIN 35 rail, acc. to EN 60715		
green-yellow	**2022-1207/999-953**	100

Item No.		Pack. Unit
2-conductor/1-pin carrier terminal block, for DIN 35 rail, acc. to EN 60715		
gray	**2022-1301/999-953**	100
blue	**2022-1304/999-953**	100
2-conductor/1-pin ground carrier terminal block, for DIN 35 rail, acc. to EN 60715		
green-yellow	**2022-1307/999-953**	100

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2022-1292**	100 (4x25)
gray	**2022-1291**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2022-1292**	100 (4x25)
gray	**2022-1291**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2022-1392**	100 (4x25)
gray	**2022-1391**	100 (4x25)

2022 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop,

5 pcs/strip, 0.25 ... 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip, 0.75 ... 1 mm²

dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated, ❹

I_N 25 A, light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 25 A, light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Staggered jumper, ❹

insulated, I_N 25 A, light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Push-in type wire jumper,

❹ insulated, I_N 16 A, wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Carrier with 6 coding pins,

for coding female plugs

orange	**2022-100**	100 (4x25)

Test pin,

1 mm Ø

	859-500	1

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

WMB Multi marking system,

10 strips with 10 markers per card, stretchable 5 ... 5.2 mm

plain	**793-5501**	5

WMB Multi marking system, plain,

10 strips with 10 markers per card, stretchable 5 ... 5.2 mm

yellow	**793-5501/000-002**	
red	**793-5501/000-005**	
blue	**793-5501/000-006**	
gray	**793-5501/000-007**	
orange	**793-5501/000-012**	
light green	**793-5501/000-017**	
green	**793-5501/000-023**	
violet	**793-5501/000-024**	
		5

WMB Inline, plain,

stretchable 5 ... 5.2 mm, 1,500 WMB markers, 5 mm, on roll

white	**2009-115**	1

Marking strip, plain,

11 mm wide, 50 m roll

white	**2009-110**	1

Screwless end stop,

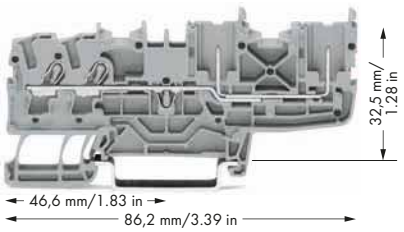
for DIN 35 rail, 6 mm wide

gray	**249-116**	100 (4x25)

Approvals see www.wago.com

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12
630 V ❷
I_N 20 A

Terminal block width 5.2 mm / 0.205 in.
10 … 12 mm / 0.43 in.❸



❶ Conductor sizes: 0.25 mm² … 4 mm² “s + f-st”; Push-in conductor sizes: 0.75 mm² … 4 mm² “s” and 0.75 mm² … 2.5 mm² “insulated ferrule, 12 mm”

❷ 630 V = rated voltage for Ex nA applications (see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

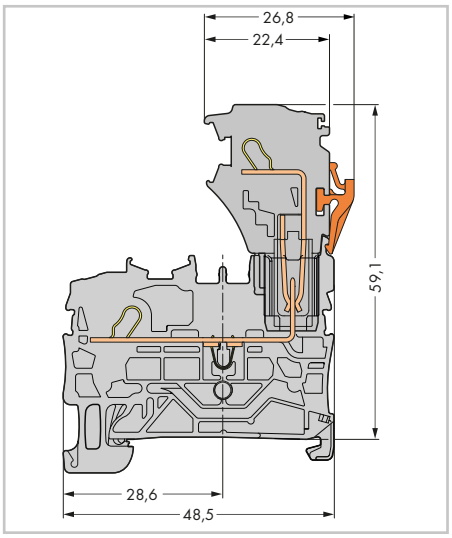
❹ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Push-in type wire jumper, page 164

	Item No.	Pack. Unit
2-conductor/2-pin carrier terminal block, for DIN 35 rail, acc. to EN 60715		
gray	**2022-1401/999-953**	50
blue	**2022-1404/999-953**	50
2-conductor/2-pin ground carrier terminal block, for DIN 35 rail, acc. to EN 60715		
green-yellow	**2022-1407/999-953**	50

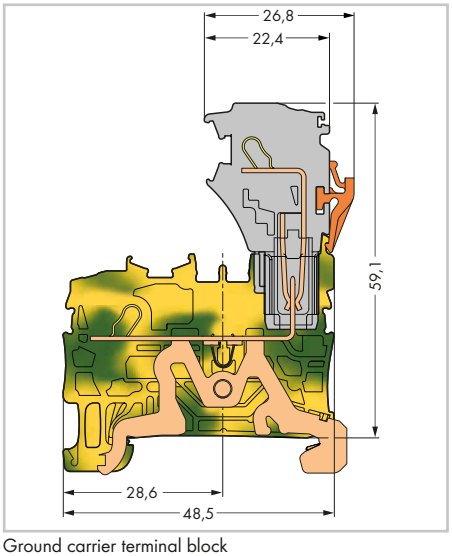
Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2022-1492**	100 (4x25)
gray	**2022-1491**	100 (4x25)



Carrier terminal block



Ground carrier terminal block

X-COM®S-SYSTEM is approved for ignition protection type “nA” and Zone 2 hazardous areas.

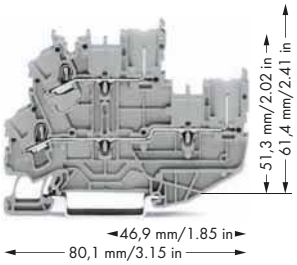
“n” refers to an ignition protection class in Zone 2:
This zone covers areas in which a dangerous, explosive atmosphere consisting of gases, vapors or dust is unlikely to manifest and will only persist for a short period if it does.

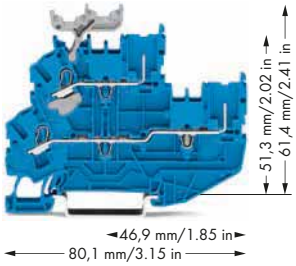
“A” means: non-sparking
(function modules without relays/switches)

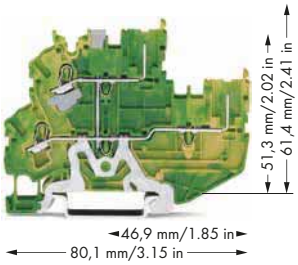
Ex marking
“Ex” sign and extended item number “…/999-953” are printed on the side of both carrier terminal blocks and female plugs with Ex approval.
Shorter locking lever (factory-mounted) makes accidental disconnection even more difficult.

X-COM®S-SYSTEM
1-Conductor/1-Pin Double-Deck Carrier Terminal Blocks for Ex nA Applications
2022 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 630 V ❷ I_N 20 A ❸ Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❹	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 630 V ❷ I_N 20 A ❸ Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❹	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❹







Item No.		Pack. Unit
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block,		
without marker carrier,		
gray housing		
L/L	**2022-2201/999-953**	50

Item No.		Pack. Unit
1-conductor/1-pin double-deck carrier terminal block, through/through terminal block,		
with marker carrier,		
blue housing		
N/N	**2022-2234/999-953**	50

Item No.		Pack. Unit
2-conductor/2-pin double-deck carrier terminal block,		
2-conductor/2-pin ground conductor terminal block,		
without marker carrier, internal commoning,		
green-yellow housing		
PE	**2022-2207/999-953**	50

Approvals see www.wago.com

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ 630 V = rated voltage for Ex nA applications (see Full Line Catalog, Volume 1, Section 14)

❸ with double-deck vertical jumper 19 A

❹ Strip length, see packaging or instructions.

❺ See application notes
Colored push-in type jumper bars, page 163
Vertical jumper, page 167

2022 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick

orange	**2022-2292**	100 (4x25)
gray	**2022-2291**	100 (4x25)

Insulation stop,

5 pcs/strip,
0.25 ... 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip,
0.75 ... 1 mm²

dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated, ❺

I_N 25 A,
light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 25 A,
light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Double-deck vertical jumper, insulated, ❺

I_N 24 A

light gray	**2002-492**	100 (4x25)
orange	**2002-492/000-012**	

Carrier with 6 coding pins,

for coding female plugs

orange	**2022-100**	100 (4x25)

Test pin,

1 mm Ø

	859-500	1

Protective warning marker,

with high-voltage symbol, black,
for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

Double-deck marker carrier,

pivoting

gray	**2002-121**	50 (2x25)

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm

plain	**793-5501**	5

WMB Multi marking system, plain,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm

yellow	**793-5501/000-002**	
red	**793-5501/000-005**	
blue	**793-5501/000-006**	
gray	**793-5501/000-007**	
orange	**793-5501/000-012**	
light green	**793-5501/000-017**	
green	**793-5501/000-023**	
violet	**793-5501/000-024**	
		5

WMB Inline, plain,

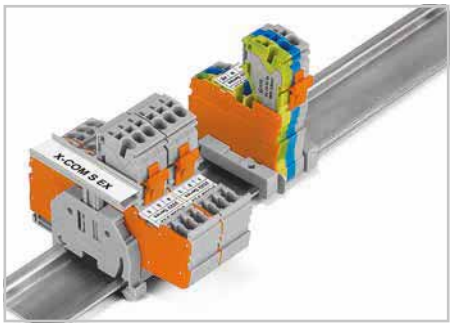
stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll

white	**2009-115**	1

Marking strip, plain,

11 mm wide,
50 m roll

white	**2009-110**	1

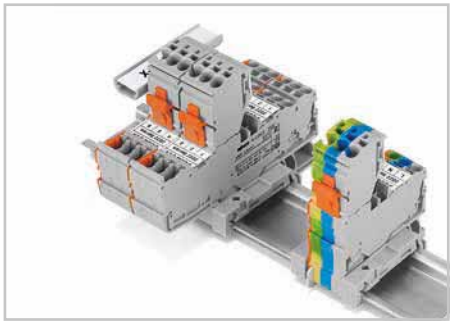


Group marking
with height-adjustable group marker carrier (2009-163)

X-COM®S-SYSTEM
1-Conductor Female Plugs for Ex nA Applications
2022 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12
630 V ❷
I_N 20 A

Module width 5.2 mm / 0.205 in.
10 … 12 mm / 0.43 in.❸



Each female plug is supplied with a locking lever.

❶ Conductor sizes: 0.25 mm² … 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² … 4 mm² "s" and 0.75 mm² … 2.5 mm² "insulated ferrule, 12 mm"
❷ 630 V = rated voltage for Ex nA applications
❸ (see Full Line Catalog, Volume 1, Section 14)
❹ Strip length, see packaging or instructions.

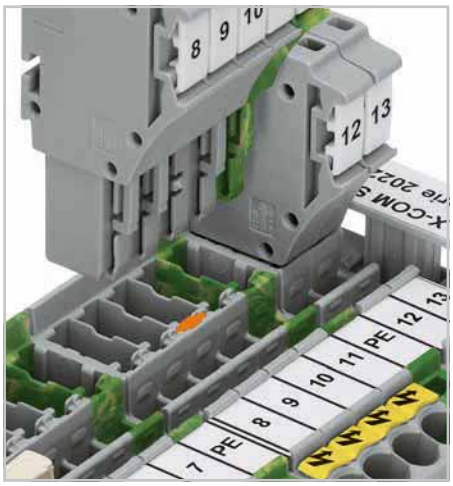
Pole No.	Item No.	Pack. Unit
1-conductor female plug with shorter locking lever, for insertion into carrier terminal blocks, with coding fingers, gray		
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
2	**2022-102/999-953**	200
3	**2022-103/999-953**	100
4	**2022-104/999-953**	100
5	**2022-105/999-953**	50
6	**2022-106/999-953**	50
7	**2022-107/999-953**	50
8	**2022-108/999-953**	50

Accessories

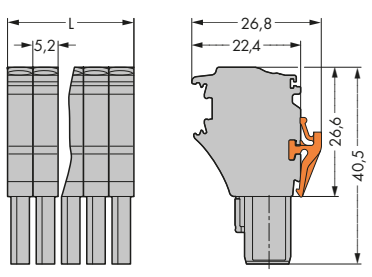
Appropriate marking systems: WMB/ WMB Inline/Marking strips

Insulation stop,	5 pcs/strip, 0.25 … 0.5 mm², light gray	**2002-171**	200 (8x25)
Insulation stop,	5 pcs/strip, 0.75 … 1 mm², dark gray	**2002-172**	200 (8x25)
Protective warning marker,	with high-voltage symbol, black, for 5 terminal blocks, yellow	**2002-115**	100 (4x25)
Carrier with 6 coding pins,	for coding female plugs, orange	**2022-100**	100 (4x25)
Strain relief plate, gray	35 mm width	**734-326**	100 (4x25)
	6 mm wide	**734-327**	100 (4x25)
	12.5 mm width	**734-328**	100 (4x25)
	25 mm wide	**734-329**	100 (4x25)
	55 mm width	**734-430**	50 (2x25)
	75 mm width	**734-431**	50 (2x25)
WMB Multi marking system,	10 strips with 10 markers per card, stretchable 5 … 5.2 mm, plain	**793-5501**	5
WMB Inline, plain,	stretchable 5 … 5.2 mm, 1,500 WMB markers, 5 mm, on roll, white	**2009-115**	1
Marking strip, plain,	11 mm wide, 50 m roll, white	**2009-110**	1

To code a female plug, remove the desired coding finger using a suitable tool.



Insert a 2022-100 coding pin into the corresponding location of the carrier terminal block.



L = pole no. x module width

Dimensions in mm

Approvals see www.wago.com

X-COM®S-SYSTEM
Pre-Assembled Female Plugs for Ex nA Applications
2022 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 630 V ❷ I_N 20 A Module width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in. ❸	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 630 V ❷ I_N 20 A Module width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in. ❸

❶ Conductor sizes: 0.25 mm² … 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² … 4 mm² "s" and 0.75 mm² … 2.5 mm² "insulated ferrule, 12 mm"

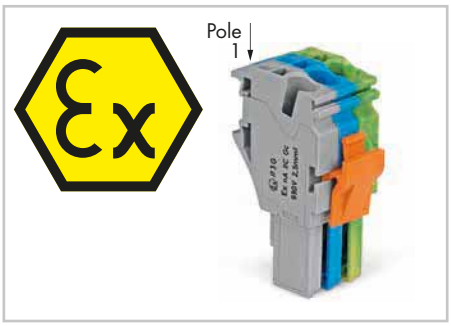
❷ 630 V = rated voltage for Ex nA applications

❸ (see Full Line Catalog, Volume 1, Section 14)

❹ Strip length, see packaging or instructions.

Pole No.	Item No.	Pack. Unit
1-conductor female plug with shorter locking lever with ground base module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2022-103/000-038/999-953**	100
4	**2022-104/000-038/999-953**	100
5	**2022-105/000-038/999-953**	50
6	**2022-106/000-038/999-953**	50

Pole No.	Item No.	Pack. Unit
1-conductor female plug with shorter locking lever with ground end module (green-yellow), for insertion into carrier terminal blocks, with coding fingers		
3	**2022-103/000-039/999-953**	100
4	**2022-104/000-039/999-953**	100
5	**2022-105/000-039/999-953**	50
6	**2022-106/000-039/999-953**	50



Ex marking
"Ex" sign and extended item number ".../999-953" are printed on the side of both carrier terminal blocks and female plugs with Ex approval.
Shorter locking lever (factory-mounted) makes accidental disconnection even more difficult.

Accessories Female Plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop,				
	5 pcs/strip, 0.25 … 0.5 mm²			
	light gray	**2002-171**	200	(8x25)
Insulation stop,				
	5 pcs/strip, 0.75 … 1 mm²			
	dark gray	**2002-172**	200	(8x25)
Protective warning marker,				
	with high-voltage symbol, black, for 5 terminal blocks			
	yellow	**2002-115**	100	(4x25)
Strain relief plate, gray				
	35 mm width	**734-326**	100	(4x25)
	6 mm wide	**734-327**	100	(4x25)
	12.5 mm width	**734-328**	100	(4x25)
	25 mm wide	**734-329**	100	(4x25)
	55 mm width	**734-430**	50	(2x25)
	75 mm width	**734-431**	50	(2x25)

WMB Multi marking system,				
	10 strips with 10 markers per card, stretchable 5 … 5.2 mm			
	plain	**793-5501**	5	
WMB Inline, plain,				
	stretchable 5 … 5.2 mm, 1,500 WMB markers, 5 mm, on roll			
	white	**2009-115**	1	
Marking strip, plain,				
	11 mm wide, 50 m roll			
	white	**2009-110**	1	

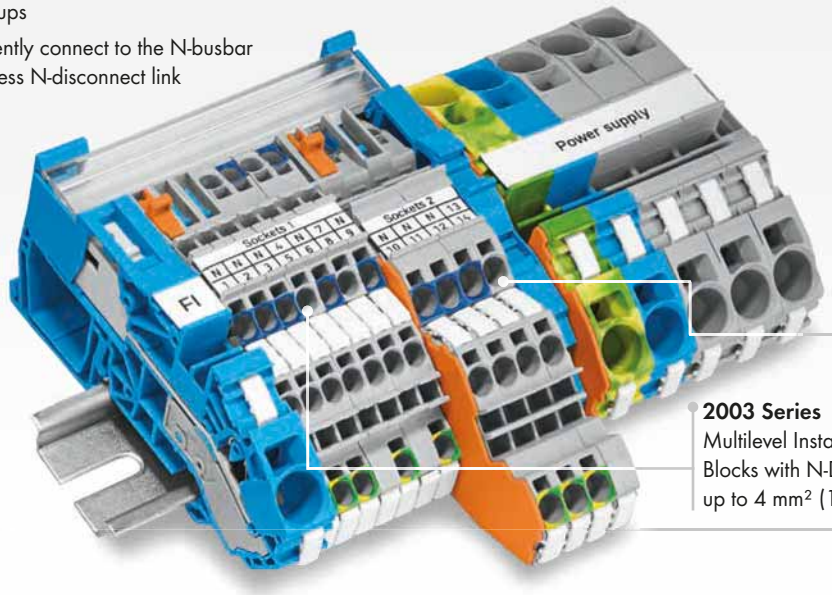
Approvals see www.wago.com

MULTILEVEL INSTALLATION TERMINAL

For Building Installations and Industrial Applications

Multilevel Installation Terminal Blocks with N-Disconnect Slide Links for Mounting with N-busbar

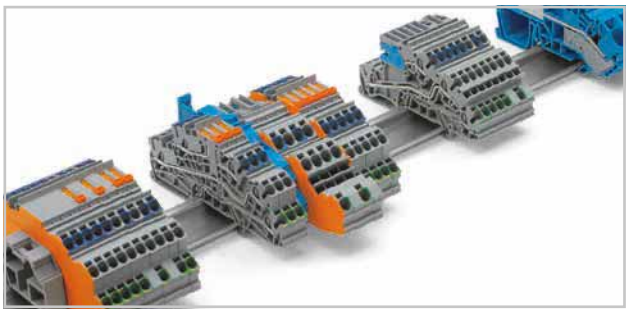
- Configure larger circuit groups
- Automatically and permanently connect to the N-busbar by simply sliding the screwless N-disconnect link



2005 Series
Multilevel Installation Terminal Blocks with N-Disconnect Slide Link up to 6 mm² (8 AWG), 36 A

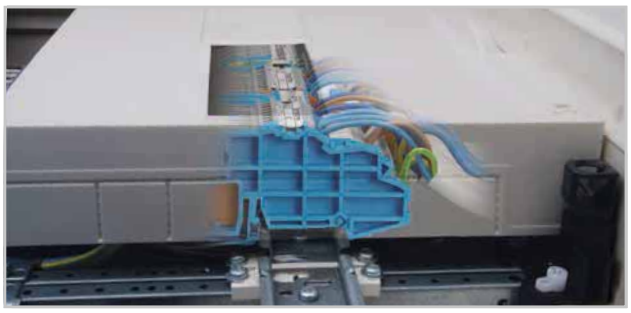
2003 Series
Multilevel Installation Terminal Blocks with N-Disconnect Slide Link up to 4 mm² (12 AWG), 32 A

Maximum Touch-Proof Safety



- Transparent busbar cover provides touch protection for the busbar.
- Cover enables user to see if N-disconnect slide links are connected to the N-busbar.

Maximum Wiring Space

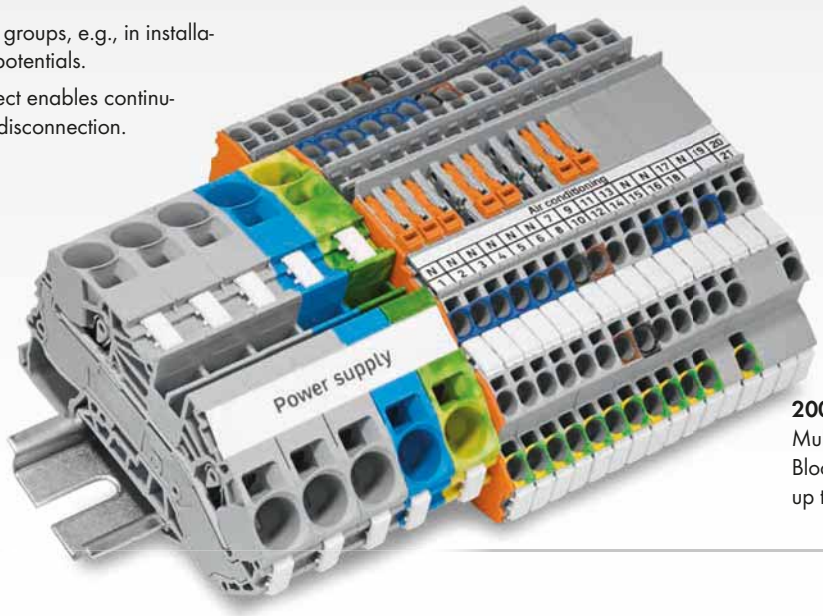


- 2003 and 2005 Series Multilevel Installation Terminal Blocks feature extremely compact dimensions while providing all of the functionality of a 4 mm² or 6 mm² terminal block.
- Maximize wiring space in standard distribution boxes.

BLOCKS

Multilevel Installation Terminal Blocks with Internal N-Disconnection for Mounting without N-busbar

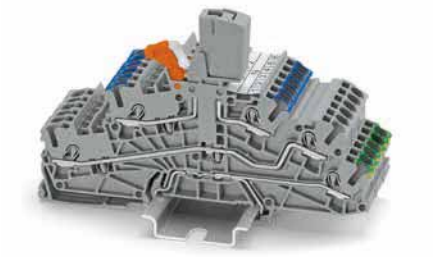
- Configure smaller circuit groups, e.g., in installations with multiple RCD potentials.
- Internal N-knife disconnect enables continuously wired N-potential disconnection.



Supply Terminal Blocks up to 16 mm² (4 AWG), 76 A

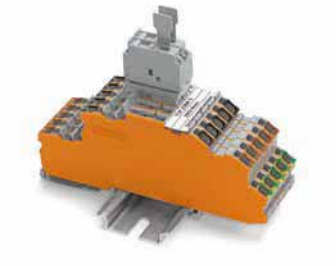
2003 Series
Multilevel Installation Terminal Blocks with internal N-disconnection up to 4 mm² (12 AWG), 28 A

Insulation Resistance Measurement – Fast and Safe



- Disconnect N-potential via movable knife disconnect
- Plug N/L test adapter into the free shaft to link N and L conductors
- Halve testing times and protect devices against high test voltage

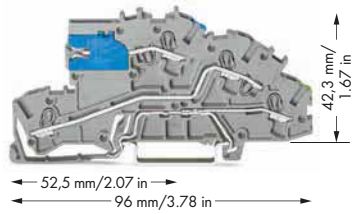
Multilevel Installation Terminal Blocks as Fuse Terminal Block

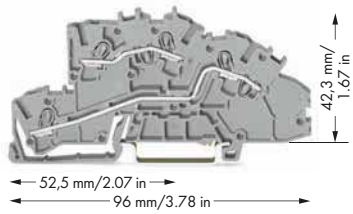


- Multilevel installation terminal blocks integrate a DIN rail-centered slot allowing them to be used with TOPJOB® S Fuse Plugs for microfuses
- In combination with a 1 mm thick end plate, the carrier terminal blocks can be used as fuse terminal blocks in the standard recess of a distribution board

TOPJOB® S
Multilevel Installation Terminal Blocks with N-Disconnect Slide Link 2.5 (4) mm²
2003 Series

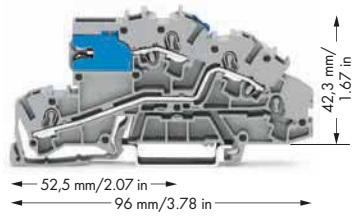
0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 **250 V/4 kV/3; 32 A (32 A) ❷ ❸** **400 V/6 kV/3; 32 A (32 A) ❷ ❹** **Terminal block width 5.2 mm / 0.205 in.** **10 ... 12 mm / 0.43 in.❺**	**0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12** **400 V/6 kV/3 ❷** **I_N 32 A** **Terminal block width 5.2 mm / 0.205 in.** **10 ... 12 mm / 0.43 in.❺**

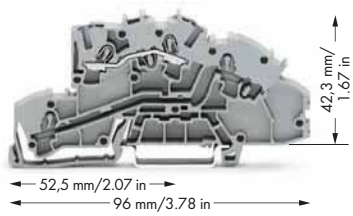




	Item No.	Pack. Unit
Multilevel installation terminal block,		
with N-disconnect slide link, gray		
◯ NT/L/PE	**2003-7641**	50

	Item No.	Pack. Unit
Multilevel installation terminal block,		
gray		
◯ L/L	**2003-7642**	50
◯ N/L	**2003-7649**	50





	Item No.	Pack. Unit
Multilevel installation terminal block,		
with N-disconnect slide link, gray		
◯ NT/L	**2003-7640**	50
◯ LT/L	**2003-7659**	50
Multilevel installation terminal block,		
gray		
◯ N/L/PE	**2003-7646**	50
◯ L/L/PE	**2003-7645**	50

	Item No.	Pack. Unit
Multilevel installation terminal block,		
gray		
◯ L	**2003-7650**	50
◯ N	**2003-7651**	50

2003 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

Busbar carrier,
not suitable as end stop,
for DIN 35 rail,
1.5 mm thick
blue **2009-304** 100 (4x25)

Busbar carrier,
can replace end bracket, with detachable separator plate,
for DIN 35 rail,
7.5 mm thick
blue **2009-305** 25

End and intermediate plate, 0.8 mm thick
orange **2003-7692** 100 (4x25)

Cover for N-busbar,
transparent,
1000 mm long
777-303 1

Accessories

Busbar, tin-plated,
Cu 10 x 3 mm,
1000 mm long
I_N 140 A **210-133** 1

N-supply terminal block, I_N 76 A,
16 mm²,
12 mm wide
blue **2016-7714** 20

Ground supply terminal block,
16 mm²,
12 mm wide
green-yellow **2016-7607** 20

Connector,
for N-busbar,
with blue cover,
2.5 ... 16 mm²
blue **210-281** 100 (2x50)

Connector,
for N-busbar,
2.5 ... 35 mm²
unplated **209-105** 50

Lock-out, snap-on type,
prevents reclosing of slide link
orange **2003-7300** 100 (4x25)

Insulation stop,
5 pcs/strip,
0.25 ... 0.5 mm²
light gray **2002-171** 200 (8x25)

Insulation stop,
5 pcs/strip,
0.75 ... 1 mm²
dark gray **2002-172** 200 (8x25)

Test plug,
with 500 mm cable,
2 mm Ø
red **210-136** 50

Test plug,
with 500 mm cable,
2.3 mm Ø
yellow **210-137** 50

Approvals see www.wago.com

Multilevel Installation Terminal Block Accessories

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

❷ 250 V/ 400 V = rated voltage
4 kV/ 6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ 250 V/4 kV potential-ground

❹ 400 V/6 kV potential-potential

❺ Strip length, see packaging or instructions.

❻ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164

Accessories Multilevel Installation Terminal Block

Push-in type jumper bars and staggered jumpers, see 2002 Series

Push-in type jumper bar, insulated,

❻ 

I_N 25 A,
light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated,

I_N 25 A,
light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Push-in type wire jumper,

❻ 

insulated,
I_N 16 A,
wire size 1.5 mm²

L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

Test plug adapter,

for 4 mm Ø test plug
gray **2009-174** 100 (4x25)

Banana plug,

for socket 4 mm Ø,
color mixed
215-111 50

Testing tap,

for max. 2.5 mm²
gray **2009-182** 100 (4x25)

Operating tool,

3.5 mm and 5.5 mm blade,
for TOPJOB® S installation terminal blocks
2009-310 1

Staggered jumper,

❻ 

insulated,
I_N 25 A,
light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Customized staggered jumper,

insulated,
I_N 25 A,
light gray

1-3	**2002-473/011-000**	
		100 (4x25)
1-3-5	**2002-475/011-000**	
1-3-5-7	**2002-477/011-000**	
1-3-5-7-9	**2002-479/011-000**	
1-3-5-7-9-11	**2002-481/011-000**	
		50 (2x25)

Adjacent jumper for continuous commoning, insulated,

❻

I_N 25 A,
light gray
2-way **2002-400** 100 (4x25)

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

WMB Inline, plain,

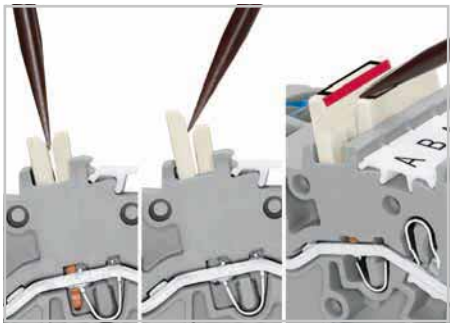
stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

Marking strip, plain,

11 mm wide,
50 m roll
white **2009-110** 1

Operating tool,

3.5 mm and 2.5 mm blade,
for TOPJOB® S installation terminal blocks
2009-309 1



Commoning is performed via a staggered jumper system in one single jumper slot. This allows two potentials to be lead parallel past each other in the jumper slot of the 2003 Series Multilevel Installation Terminal Blocks in confined spaces.

Staggered jumper removal
Insert the operating tool between the jumpers and lift up the jumper.
For additional application notes, see page 166.

Application note:

N-disconnect slide links, used in installation terminal blocks, consist of switch contacts that are opened and then closed as part of regular circuit testing. To guarantee a reliable connection, a corrosion-resistant contact area is required on the N-busbar.

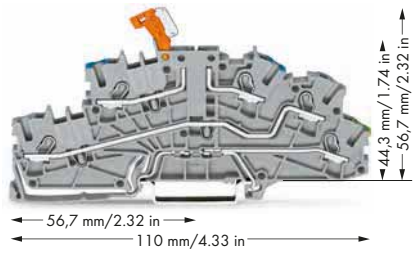
Historically, uninsulated copper busbars that have been cleaned/stripped of any possible corrosion prior to install can be used in dry, pollution-free locations.

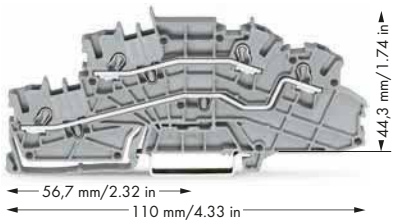
According to DIN VDE 0100-520 (VDE 0100 Part 520), installation equipment exposed to contamination or corrosive substances (e.g., water) that promote corrosion or deterioration, must be protected or made of a corrosion- or wear extra space resistant material. In these cases, tinned copper busbars guarantee a reliable connection.

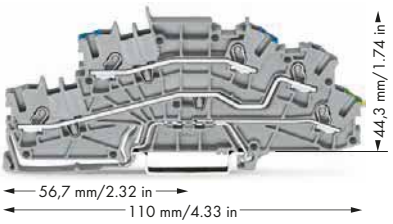
WAGO only offers tinned copper busbars.

TOPJOB® S
Multilevel Installation Terminal Blocks with Movable Knife Disconnect
2.5 (4) mm², 2003 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 250 V/4 kV/3; 20 A (25 A) ❷ ❸ 400 V/6 kV/3; 20 A (25 A) ❷ ❹ Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❺	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 400 V/6 kV/3 ❷ I_N 24 A (28 A) Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❺	0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12 250 V/4 kV/3; 24 A (28 A) ❷ ❸ 400 V/6 kV/3; 24 A (28 A) ❷ ❹ Terminal block width 5.2 mm / 0.205 in. 10 … 12 mm / 0.43 in.❺







Item No.		Pack. Unit
Multilevel installation terminal block, with movable knife disconnect, gray		
◯ NTi/L/PE	**2003-6641**	50
◯ LTi/L/PE	**2003-6644**	50

Item No.		Pack. Unit
Multilevel installation terminal block, gray		
◯ L/L	**2003-6642**	50
◯ N/L	**2003-6649**	50

Item No.		Pack. Unit
Multilevel installation terminal block, gray		
◯ N/L/PE	**2003-6646**	50
◯ L/L/PE	**2003-6645**	50

Item-Specific Accessories

Test plug adapter N/L, for vertical test slot, gray

2-pole **2003-499** 100 (4x25)

Test plug adapter N, for vertical test slot, gray

1-pole **2003-500** 100 (4x25)

Item No.		Pack. Unit
Multilevel installation terminal block, I_N 10 A, carrier terminal block without knife disconnect, gray Maximum current depends on accessories used.		
◯ N/L/PE	**2003-6640**	50
Black upper-deck, brown middle-deck, green-yellow lower-deck printing		
◯ P2/P1/PE	**2003-6643**	50
Brown upper-deck, black middle-deck, green-yellow lower-deck printing		
◯ P1/P2/PE	**2003-6660**	50

Item No.		Pack. Unit
Multilevel installation terminal block, gray		
◯ L	**2003-6650**	50
◯ N	**2003-6651**	50

Item-Specific Accessories

Fuse plug with pull-tab, for miniature fuses 5 x 20 mm, nominal voltage and current are given by the fuse

gray **2004-911** 50

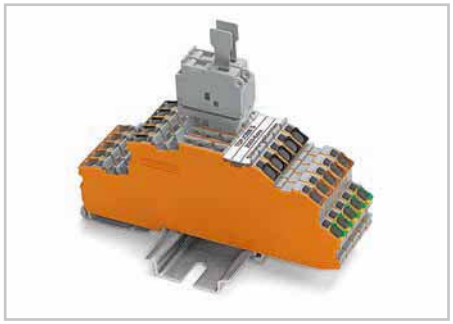
End and intermediate plate, only for use with fuse plugs, 1 mm thick

orange **2003-6693** 100 (4x25)

Approvals see www.wago.com

Accessories for Multilevel Installation Terminal Blocks

Multilevel installation terminal block (2003-6641) with N/L test plug adapter (2003-499) for insulation resistance measurement with connected N and L potentials



In combination with the 1mm thick end and intermediate plate (2003-6693), the fuse plug (2004-911) can also be used with the carrier terminal blocks (2003-6640 and 2003-6643).

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrules, 12 mm"

❷ 250 V/
400 V = rated voltage
4 kV/
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ 250 V/4 kV potential-ground

❹ 400 V/6 kV potential-potential

❺ Strip length, see packaging or instructions.

❻ See application notes for:
Colored push-in type jumper bars, page 163
Staggered jumper, page 166
Adjacent jumper for continuous commoning, page 163
Push-in type wire jumper, page 164

Accessories Multilevel Installation Terminal Block

Push-in type jumper bars and staggered jumpers, see 2002 Series

End and intermediate plate,
for use without fuse plug,
0.8 mm thick
orange — **2003-6692** — 100 (4x25)

Adjacent jumper for continuous commoning, insulated, ❻
I_N 25 A,
light gray
2-way — **2002-400** — 100 (4x25)

Busbar carrier,
not suitable as end stop,
for DIN 35 rail,
1.5 mm thick
blue — **2009-304** — 100 (4x25)

Busbar carrier,
can replace end bracket, with detachable separator plate,
for DIN 35 rail,
7.5 mm thick
blue — **2009-305** — 25

Push-in type jumper bar, insulated, ❻
I_N 25 A,
light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type jumper bar, insulated,
I_N 25 A,
light gray

from 1 to 3	**2002-433**	200 (8x25)
from 1 to 4	**2002-434**	200 (8x25)
from 1 to 5	**2002-435**	100 (4x25)
from 1 to 6	**2002-436**	100 (4x25)
from 1 to 7	**2002-437**	100 (4x25)
from 1 to 8	**2002-438**	100 (4x25)
from 1 to 9	**2002-439**	100 (4x25)
from 1 to 10	**2002-440**	100 (4x25)

Operating tool,
3.5 mm and 2.5 mm blade,
for TOPJOB® S installation terminal blocks
2009-309 — 1

Insulation stop,
5 pcs/strip,
0.25 ... 0.5 mm²
light gray — **2002-171** — 200 (8x25)

Insulation stop,
5 pcs/strip,
0.75 ... 1 mm²
dark gray — **2002-172** — 200 (8x25)

Staggered jumper, ❻
insulated,
I_N 25 A,
light gray

2-way	**2002-472**	100 (4x25)
3-way	**2002-473**	100 (4x25)
4-way	**2002-474**	100 (4x25)
5-way	**2002-475**	50 (2x25)
6-way	**2002-476**	50 (2x25)
7-way	**2002-477**	50 (2x25)
8-way	**2002-478**	50 (2x25)
9-way	**2002-479**	50 (2x25)
10-way	**2002-480**	50 (2x25)
11-way	**2002-481**	50 (2x25)
12-way	**2002-482**	50 (2x25)

Push-in type wire jumper, ❻
insulated,
I_N 16 A,
wire size 1.5 mm²

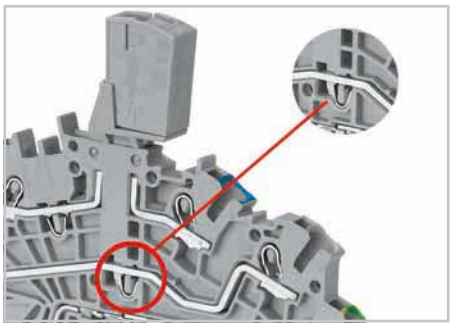
L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-416**	100 (10x10)

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain — **793-5501** — 5

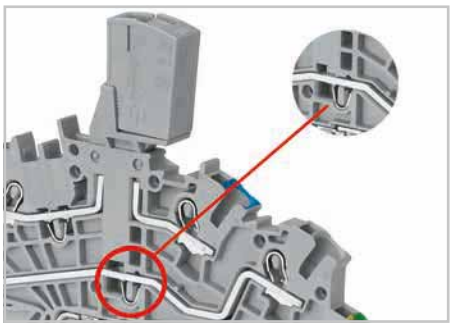
WMB Inline, plain,
stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white — **2009-115** — 1

Marking strip, plain,
11 mm wide,
50 m roll
white — **2009-110** — 1

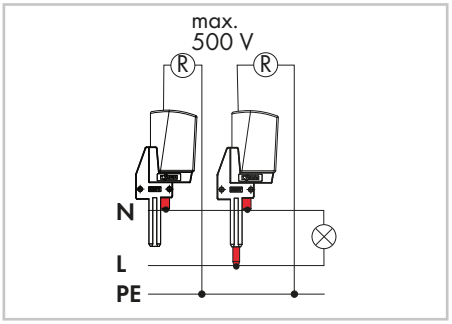
Operating tool,
3.5 mm and 5.5 mm blade,
for TOPJOB® S installation terminal blocks
2009-310 — 1



Multilevel installation terminal block (2003-6640) with N/L test plug adapter (2003-499) for insulation resistance measurement with connected N and L potentials

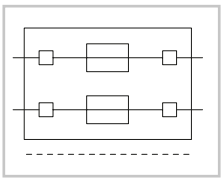


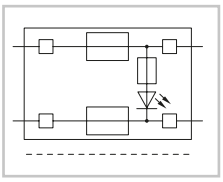
Multilevel installation terminal block (2003-6640) with N test plug adapter (2003-500) for insulation resistance measurement of N potential



TOPJOB® S
2003 Series Double Fuse Plugs on 2002 and 2003 Series Carrier Terminal Blocks

Double fuse plug for miniature fuses 5 x 20 mm 250 V / I_N 6.3 A Plug width 10.4 mm / 0.409 in.	Double fuse plug for miniature fuses 5 x 20 mm 250 V / I_N 6.3 A Plug width 10.4 mm / 0.409 in.





❶ Length of 2002-1661: 66.5 mm / 2.62 in.
2-conductor carrier terminal block

❷ Length of 2002-1761: 76.8 mm / 3.02 in.
3-conductor carrier terminal block

❸ Length of 2002-1861: 87.5 mm / 3.45 in.
4-conductor carrier terminal block

❹ Length of 2002-1961: 72.9 mm / 2.87 in.
2-conductor carrier terminal block with additional jumper position

❺ Length of 2002-2961: – 108 mm / 4.25 in.
Double-deck carrier terminal block

❻ Length of 2003-6640: – 110 mm / 4.33 in.
Multilevel installation terminal block

Item No.	Pack. Unit
Double fuse plug,	
for miniature fuses 5 x 20 mm	
Both nominal voltage and current are given by the fuse.	
◯ gray **2003-911**	25

Item No.	Pack. Unit
Double fuse plug,	
for miniature fuses 5 x 20 mm,	
with indicator lamp, gray	
Both nominal voltage and current are given by the fuse.	
LED 0.25mA	
◯ 230 V **2003-911/1000-923**	25

Accessories

Appropriate marking systems: WMB/Marking strips

2-conductor carrier terminal block,
❶ 0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
gray **2002-1661** 50

End and intermediate plate, 1 mm thick
orange **2002-1692** 100 (4x25)
gray **2002-1691** 100 (4x25)

3-conductor carrier terminal block,
❷ 0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
gray **2002-1761** 50

End and intermediate plate, 1 mm thick
orange **2002-1792** 100 (4x25)
gray **2002-1791** 100 (4x25)

4-conductor carrier terminal block,
❸ 0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
gray **2002-1861** 50

End and intermediate plate, 1 mm thick
orange **2002-1892** 100 (4x25)
gray **2002-1891** 100 (4x25)

2-conductor carrier terminal block,
❹ 0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
gray **2002-1961** 50

End and intermediate plate, 1 mm thick
orange **2002-1992** 100 (4x25)
gray **2002-1991** 100 (4x25)

Double-deck carrier terminal block,
❺ 0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
L/L **2002-2961** 50

Double-deck carrier terminal block,
0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
L/N **2002-2963** 50

Double-deck carrier terminal block,
0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
L/L **2002-2941** 50

End and intermediate plate, 1 mm thick
orange **2002-2992** 100 (4x25)
gray **2002-2991** 100 (4x25)

Accessories

Multilevel installation terminal block, gray
❻ 0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
N/L/PE **2003-6640** 50

Multilevel installation terminal block, gray
0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
P2/P1/PE **2003-6643** 50

Multilevel installation terminal block, gray
0.25 … 2.5 (4) mm² / AWG 22 … 12
Terminal block width 5.2 mm / 0.205 in.
P1/P2/PE **2003-6660** 50

End and intermediate plate,
1 mm thick
orange **2003-6692** 100 (4x25)

End plate for fuse terminal blocks,
2 mm thick
orange **2002-992** 100 (4x25)
gray **2002-991** 100 (4x25)

Shorting link, 5 x 20 mm,
if the fuse plug is used as disconnect plug
I_N 6.3 A **281-503** 250 (10x25)

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 … 5.2 mm
plain **793-5501** 5

WMB Multi marking system, plain,
10 strips with 10 markers per card,
stretchable 5 … 5.2 mm
yellow **793-5501/000-002**
red **793-5501/000-005**
blue **793-5501/000-006**
gray **793-5501/000-007**
orange **793-5501/000-012**
light green **793-5501/000-017**
green **793-5501/000-023**
violet **793-5501/000-024**
5

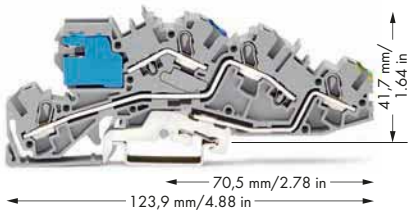
Approvals see www.wago.com

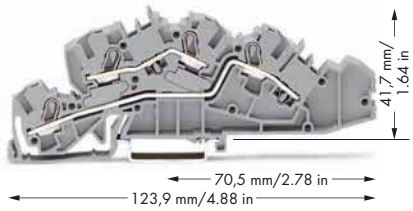
Miniature metric fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2003-911 **2003-911/....-....**	1.6 W	1.6 W	2.5 W	2.5 W

TOPJOB® S
Multilevel Installation Terminal Blocks with N-Disconnect Slide Link 4 (6) mm²
2005 Series

0.5 ... 4 (6) mm² ❶ | AWG 20 ... 10 250 V/4 kV/3; 36 A (36 A) ❷ ❸ 400 V/6 kV/3; 36 A (36 A) ❷ ❹ Terminal block width 6.2 mm / 0.244 in. 11 ... 13 mm / 0.47 in.❺	0.5 ... 4 (6) mm² ❶ | AWG 20 ... 10 400 V/6 kV/3 ❷ I_N 36 A Terminal block width 6.2 mm / 0.244 in. 11 ... 13 mm / 0.47 in.❺





	Item No.	Pack. Unit
Multilevel installation terminal block,		
with N-disconnect slide link, gray		
◯ NT/L/PE	**2005-7641**	50

	Item No.	Pack. Unit
Multilevel installation terminal block,		
gray		
◯ L/L	**2005-7642**	50
◯ N/L	**2005-7649**	50

	Item No.	Pack. Unit
Multilevel installation terminal block,		
gray		
◯ N/L/PE	**2005-7646**	50
Multilevel installation terminal block,		
gray		
◯ L/L/PE	**2005-7645**	50

2005 Series Accessories

Appropriate marking systems: WMB/Marking strips

End and intermediate plate, 1 mm thick
orange **2005-7692** 100 (4x25)

Busbar, tin-plated,
Cu 10 x 3 mm,
1000 mm long
I_N 140 A **210-133** 1

Cover for N-busbar,
transparent,
1000 mm long
777-303 1

Busbar carrier,
not suitable as end stop,
for DIN 35 rail,
1.5 mm thick
blue **2009-304** 100 (4x25)

Busbar carrier,
can replace end bracket, with detachable separator plate,
for DIN 35 rail,
7.5 mm thick
blue **2009-305** 25

Accessories

N-supply terminal block, I_N 76 A,
16 mm²,
12 mm wide
blue **2016-7714** 20

Ground supply terminal block,
16 mm²,
12 mm wide
green-yellow **2016-7607** 20

Connector,
for N-busbar,
with blue cover,
2.5 ... 16 mm²
blue **210-281** 100 (2x50)

Connector,
for N-busbar,
2.5 ... 35 mm²
unplated **209-105** 50

Lock-out, snap-on type,
prevents reclosing of slide link
orange **2005-7300** 100 (4x25)

Insulation stop,
5 pcs/strip,
0.25 ... 0.5 mm²
light gray **2004-171** 200 (8x25)

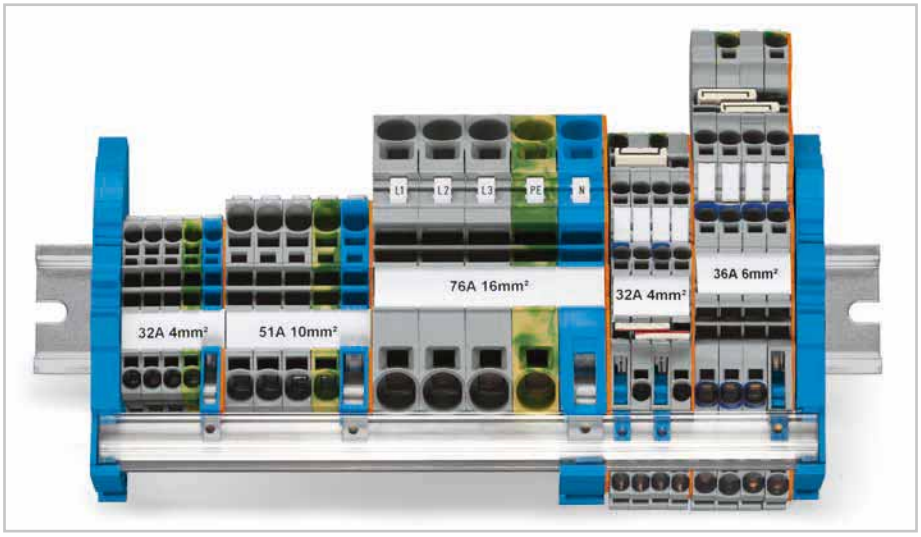
Insulation stop,
5 pcs/strip,
0.75 ... 1 mm²
dark gray **2004-172** 200 (8x25)

Push-in type jumper bar, insulated,
I_N 32 A,
light gray

2-way	**2004-402**	200 (8x25)
3-way	**2004-403**	200 (8x25)
4-way	**2004-404**	100 (4x25)
5-way	**2004-405**	100 (4x25)
6-way	**2004-406**	100 (4x25)
7-way	**2004-407**	100 (4x25)
8-way	**2004-408**	100 (4x25)
9-way	**2004-409**	100 (4x25)
10-way	**2004-410**	100 (4x25)

Approvals see www.wago.com

Accessories for Multilevel Installation Terminal Blocks



1. Conductor sizes: 0.5 mm² ... 6 mm² "s + f-st"; Push-in conductor sizes: 1 mm² ... 6 mm² "s" and 0.75 mm² ... 4 mm² "insulated ferrules, 12 mm"
2. 250 V/ 400 V = rated voltage 4 kV/ 6 kV = rated surge voltage 3 = pollution degree (see Full Line Catalog, Volume 1, Section 14)
3. 250 V/4 kV potential-ground
4. 400 V/6 kV potential-potential
5. Strip length, see packaging or instructions.

Accessories

Appropriate marking systems: WMB/Marking strips

Push-in type jumper bar, insulated,			
	I_N 32 A,		
	light gray		
	from 1 to 3	**2004-433**	200 (8x25)
	from 1 to 4	**2004-434**	200 (8x25)
	from 1 to 5	**2004-435**	100 (4x25)
	from 1 to 6	**2004-436**	100 (4x25)
	from 1 to 7	**2004-437**	100 (4x25)
	from 1 to 8	**2004-438**	100 (4x25)
	from 1 to 9	**2004-439**	100 (4x25)
	from 1 to 10	**2004-440**	100 (4x25)
Push-in type wire jumper,			
	insulated,		
	I_N 18 A,		
	wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)
Test plug adapter,			
	for 4 mm Ø test plug		
	gray	**2009-174**	100 (4x25)
Banana plug,			
	for socket 4 mm Ø,		
	color mixed		
		215-111	50
Testing tap,			
	for max. 2.5 mm²		
	gray	**2009-182**	100 (4x25)
Test plug,			
	with 500 mm cable,		
	2 mm Ø		
	red	**210-136**	50
Test plug,			
	with 500 mm cable,		
	2.3 mm Ø		
	yellow	**210-137**	50
WMB Multi marking system,			
	10 strips with 10 markers per card,		
	stretchable 5 ... 5.2 mm		
	plain	**793-5501**	5
Marking strip, plain,			
	11 mm wide,		
	50 m roll		
	white	**2009-110**	1

TOPJOB® S group marker carrier,			
	snap-on type for jumper slot,		
	5 mm wide		
	gray	**2009-191**	50 (2x25)
Screwless end stop,			
	for DIN 35 rail,		
	6 mm wide		
	gray	**249-116**	100 (4x25)
Screwless end stop,			
	for DIN 35 rail,		
	10 mm wide		
	gray	**249-117**	50 (2x25)
Operating tool,			
	3.5 mm and 5.5 mm blade,		
	for TOPJOB® S installation terminal blocks		
		2009-310	1
Operating tool,			
	3.5 mm and 2.5 mm blade,		
	for TOPJOB® S installation terminal blocks		
		2009-309	1

Application note:

N-disconnect slide links, used in installation terminal blocks, consist of switch contacts that are opened and then closed again as part of the regular circuit testing. To guarantee a reliable connection, a corrosion-resistant contact area is required on the N-busbar.

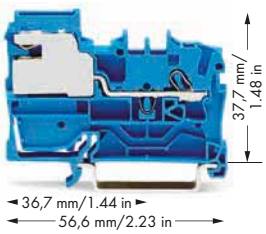
Historically, uninsulated copper busbars, that have been cleaned/stripped of any possible corrosion prior to install, can be used in dry, pollution-free locations.

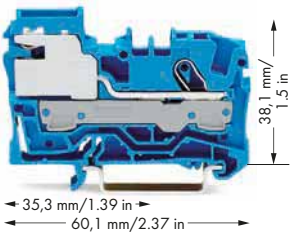
According to DIN VDE 0100-520 (VDE 0100 Part 520), installation equipment exposed to contamination or corrosive substances (e.g., water) that promote corrosion or deterioration, must be protected or made of a corrosion- or wear- resistant material. In these cases, tinned copper busbars guarantee a reliable connection.

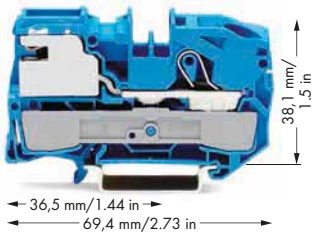
WAGO only offers tinned copper busbars.

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

0.25 ... 2.5 (4) mm² ❶ | AWG 22 ... 12 250 V/4 kV/3 ❹ I_N 32 A Terminal block width 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in. ❺	0.5 ... 6 (10) mm² ❷ | AWG 20 ... 8 250 V/4 kV/3 ❹ I_N 51 A Terminal block width 7.5 mm / 0.295 in. 13 ... 15 mm / 0.55 in. ❺	0.5 ... 16 (25"f-st") mm² ❸ | AWG 20 ... 4 250 V/4 kV/3 ❹ I_N 76 A Terminal block width 12 mm / 0.472 in. 18 ... 20 mm / 0.75 in. ❺







Item No.		Pack. Unit
1-conductor N-disconnect terminal block		
blue	**2002-7114** ❻	50
1-conductor power distribution disconnect terminal block		
gray	**2002-7111** ❼	50
Appropriate through and ground conductor terminal blocks,		
see page 14		

Item No.		Pack. Unit
1-conductor N-disconnect terminal block		
blue	**2006-7114** ❻	50
1-conductor power distribution disconnect terminal block		
gray	**2006-7111** ❼	50
Appropriate through and ground conductor terminal blocks,		
see page 20		

Item No.		Pack. Unit
1-conductor N-disconnect terminal block		
blue	**2016-7114** ❻	25
1-conductor power distribution disconnect terminal block		
gray	**2016-7111** ❼	25
Appropriate through and ground conductor terminal blocks,		
see page 22		

Item-Specific Accessories

End and intermediate plate, 0.8 mm thick
orange **2002-7192** 100 (4x25)

Lock-out, snap-on type,
prevents reclosing of slide link
orange **2005-7300** 100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick
orange **2006-7192** 100 (4x25)

Lock-out, snap-on type,
prevents reclosing of slide link
orange **2006-7300** 100 (4x25)

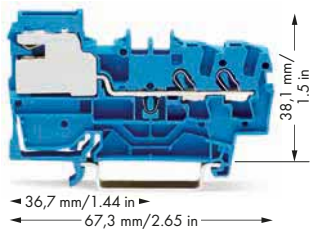
Item-Specific Accessories

End and intermediate plate, 1 mm thick
orange **2016-7192** 100 (4x25)

Lock-out, snap-on type,
prevents reclosing of slide link
orange **2006-7300** 100 (4x25)

Accessories for N-Conductor and Power Distribution Disconnect Terminal Blocks

Appropriate marking systems: WMB/Marking strips



Item No.		Pack. Unit
2-conductor N-disconnect terminal block		
blue	**2002-7214** ❻	50
2-conductor power distribution disconnect terminal block		
gray	**2002-7211** ❼	50

Item-Specific Accessories

End and intermediate plate, 0.8 mm thick
orange **2002-7292** 100 (4x25)

Busbar carrier,
not suitable as end stop,
for DIN 35 rail,
1.5 mm thick
blue **2009-304** 100 (4x25)

Busbar carrier,
can replace end bracket, with detachable separator plate,
for DIN 35 rail,
7.5 mm thick
blue **2009-305** 25

Busbar, tin-plated,
Cu 10 x 3 mm,
1000 mm long
I_N 140 A **210-133** 1

Cover for N-busbar,
transparent,
1000 mm long
777-303 1

Connector,
for N-busbar,
2.5 ... 35 mm²
unplated **209-105** 50

Connector,
for N-busbar,
with blue cover,
2.5 ... 16 mm²
blue **210-281** 100 (2x50)

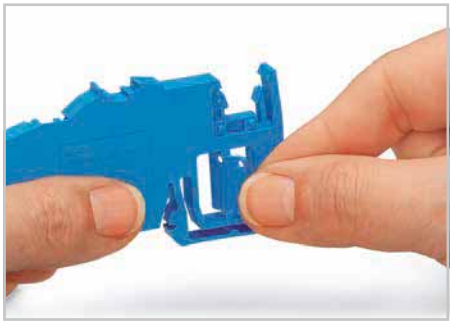
Test plug,
with 500 mm cable,
2 mm Ø
red **210-136** 50

Test plug,
with 500 mm cable,
2.3 mm Ø
yellow **210-137** 50

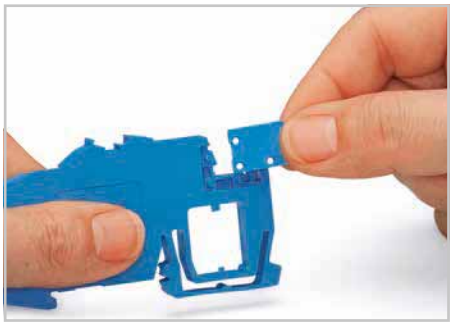
WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

Approvals see www.wago.com

– Handling –
N-Disconnect Slide Link and Busbar Carrier



Removing the separator plate from the busbar carrier.



Inserting the separator plate to protect the N-busbar against accidental contact.

❶ Conductor sizes: 0.25 mm² ... 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² ... 4 mm² "s" and 0.75 mm² ... 2.5 mm² "insulated ferrule, 12 mm"

❷ Conductor sizes: 0.5 mm² ... 10 mm² "s + f-st"; Push-in conductor sizes: 1.5 mm² ... 10 mm² "s" and 1.5 mm² ... 6 mm² "insulated ferrule, 12 mm"

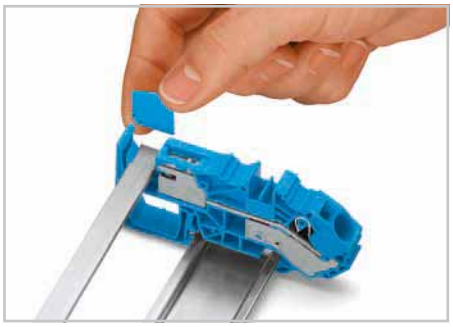
❸ Conductor sizes: 0.5 mm² ... 16 mm² "s + f-st", 25 mm² "f-st"; Push-in conductor sizes: 2.5 mm² ... 16 mm² "s" and 2.5 mm² ... 16 mm² "insulated ferrule, 18 mm"

❹ 250 V = rated voltage
4 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

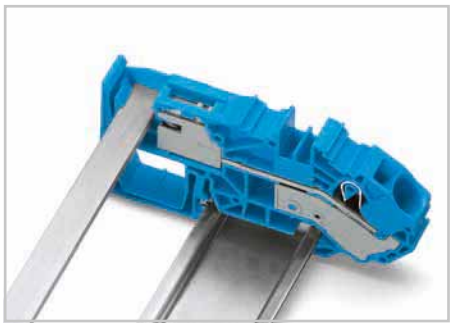
❺ Strip length, see packaging or instructions.

❻ See column 4

❼ See column 5



Inserting the separator plate.



Separator plate is inserted.

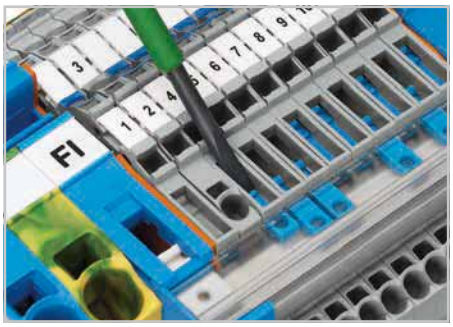
Testing with test plug 2 mm Ø
(max. test voltage: 42 V)

❻ For the construction and operation of power installations in fire hazardous locations or public buildings – such as conference centers, stores, hospitals, schools, theaters, hotels. – the DIN VDE 0100-710 or DIN VDE 0100-718 standards shall be observed. DIN VDE 0100-482 shall be observed for fire hazardous locations. These VDE mandate determine that every neutral conductor must be provided with a disconnection device so, e.g., insulation testing is possible for every circuit without disconnecting the N-conductor.

WAGO N-disconnect terminal blocks meet this requirement.

❼ According to DIN VDE 0100-710 "Requirements for operating facilities, rooms and special installations = medical facilities", equipotential bonding conductors shall be run on a potential equalization busbar. The potential equalization busbar and the protective ground 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/AWG 6. Furthermore, all equipotential bonding conductors must be connected to the potential equalization busbar and clearly arranged so they can be disconnected individually and accessed at any time. Depending on their function, they must be provided with captive marking.

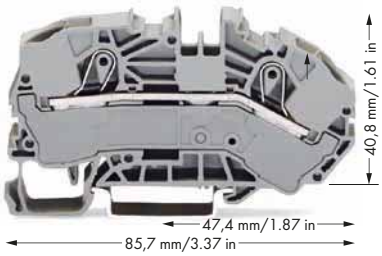
WAGO power distribution disconnect terminal blocks meet these requirements.

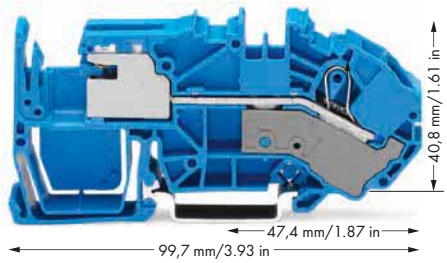


Tool-operated N-disconnect slide link

TOPJOB® S
Supply Terminal Blocks for Distribution Boxes, N-Conductor Disconnect and Power Distribution Disconnect Terminal Blocks 16 (25 “f-st”) mm², 2016 Series

0.5 ... 16 (25“f-st“)mm² ❶ AWG 20 ... 4 **800 V/8 kV/3 ❷** **I_N 76 A** **Terminal block width 12 mm / 0.472 in.** **18 ... 20 mm / 0.75 in.❹**	**0.5 ... 16 (25“f-st“)mm² ❶ AWG 20 ... 4** **250 V/4 kV/3 ❸** **I_N 76 A** **Terminal block width 12 mm / 0.472 in.** **18 ... 20 mm / 0.75 in.❹**





❶ Conductor sizes: 0.5 mm² ... 16 mm² “s + f-st”, 25 mm² “f-st”;
Push-in conductor sizes: 2.5 mm² ... 16 mm² “s” and 0.25 mm² ... 16 mm² “insulated ferrule, 18 mm”

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ 250 V = rated voltage
4 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❹ Strip length, see packaging or instructions.

	Item No.	Pack. Unit
2-conductor supply terminal blocks for distribution boxes		
gray	**2016-7601**	20
blue	**2016-7604**	20
2-conductor ground conductor terminal block, 15mm-high DIN 35 rails shall be used for a current load higher than 76A!		
green-yellow	**2016-7607**	20

	Item No.	Pack. Unit
1-conductor N-disconnect terminal block		
blue	**2016-7714**	20
1-conductor power distribution disconnect terminal block		
gray	**2016-7711**	20

Accessories

Banana plug,

for socket 4 mm Ø, color mixed — **215-111** — 50

WMB Multi marking system,

10 strips with 10 markers per card, stretchable 5 ... 5.2 mm, plain — **793-5501** — 5

Marking strip, plain,

11 mm wide, 50 m roll, white — **2009-110** — 1

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange — **2016-7692** — 100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange — **2016-7792** — 100 (4x25)

Lock-out, snap-on type,

prevents reclosing of slide link, orange — **2006-7300** — 100 (4x25)

2016 Series Accessories

Appropriate marking systems: WMB/Marking strips

Push-in type jumper bar, insulated,

I_N 76 A, light gray

2-way	**2016-402**	50 (2x25)
3-way	**2016-403**	50 (2x25)
4-way	**2016-404**	50 (2x25)
5-way	**2016-405**	50 (2x25)

Push-in type jumper bar, insulated,

I_N 76 A, light gray

from 1 to 3	**2016-433**	50 (2x25)
from 1 to 4	**2016-434**	50 (2x25)
from 1 to 5	**2016-435**	50 (2x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks, yellow — **2016-115** — 50 (2x25)

Finger guard,

touchproof cover protects unused conductor entries, yellow — **2016-100** — 100 (4x25)

Busbar, tin-plated,

Cu 10 x 3 mm, 1000 mm long, I_N 140 A — **210-133** — 1

Cover for N-busbar,

transparent, 1000 mm long — **777-303** — 1

Testing tap,

for max. 2.5 mm², gray — **2009-182** — 100 (4x25)

Test plug,

with 500 mm cable, 2 mm Ø, red — **210-136** — 50

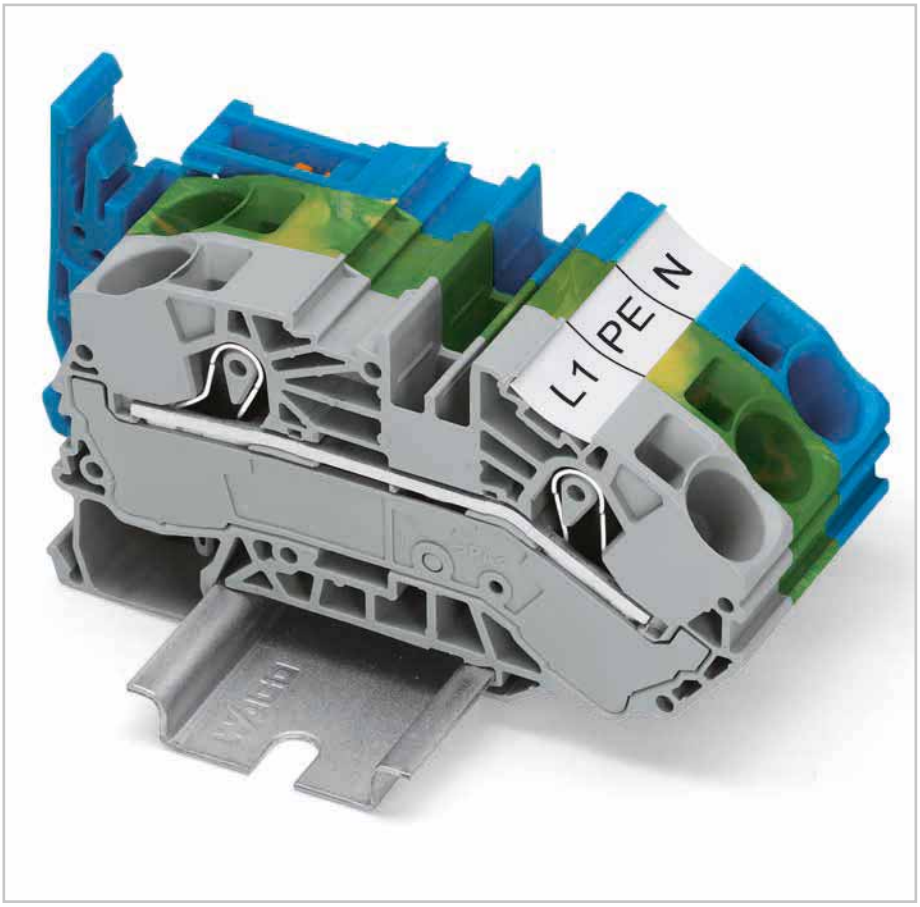
Test plug,

with 500 mm cable, 2.3 mm Ø, yellow — **210-137** — 50

Test plug adapter,

for 4 mm Ø test plug, gray — **2009-174** — 100 (4x25)

Approvals see www.wago.com



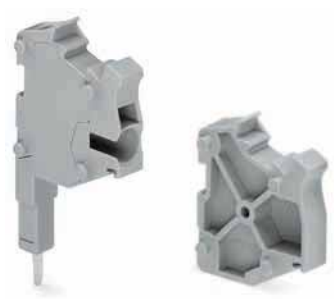
With an angled conductor entry, the 2016 Series supply terminal blocks simplify the wiring of solid conductors in distribution boxes. Solid conductors of the largest cross section can be connected easily, enabling the cover of the distribution box to fit without interfering with the conductors.

TOPJOB® S
Connectors and Connector Strips
2001/2002 Series

PUSH-IN CAGE CLAMP®

0.25 … 1.5 (2.5) mm² ❶	AWG 22 … 14
500 V/6 kV/3 ❸	300 V, 15 A
I_N 18 A	
Terminal block width 4.2 mm / 0.165 in.	
9 … 11 mm / 0.39 in. ❹	

0.25 … 2.5 (4) mm² ❷	AWG 22 … 12
500 V/6 kV/3 ❸	300 V, 20 A
I_N 24 A	
Terminal block width 5.2 mm / 0.205 in.	
10 … 12 mm / 0.43 in. ❹	



❶ Conductor sizes: 0.25 mm² … 2.5 mm² "s + f-st"; Push-in conductor sizes: 0.5 mm² … 2.5 mm² "s" and 0.75 mm² … 1.5 mm² "insulated ferrule, 12 mm"

❷ Conductor sizes: 0.25 mm² … 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² … 4 mm² "s" and 0.75 mm² … 2.5 mm² "insulated ferrule, 12 mm"

❸ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❹ Strip length, see packaging or instructions.

	Item No.	Pack. Unit
Modular TOPJOB® S connector,		
for jumper contact slot,		
can be snapped together, gray		
1-pole	**2001-511**	100 (4x25)
Spacer module, can be snapped together,		
e.g., for bridging commoned terminal blocks		
gray	**2001-549**	100 (4x25)
TOPJOB® S connector strip,		
for jumper contact slot, gray		
2-pole	**2001-552**	25
3-pole	**2001-553**	25
4-pole	**2001-554**	25
5-pole	**2001-555**	10
6-pole	**2001-556**	10
7-pole	**2001-557**	10
8-pole	**2001-558**	10
9-pole	**2001-559**	10
10-pole	**2001-560**	10

Item-Specific Accessories

End plate,			
	for modular TOPJOB® S connectors, 1.5 mm thick		
	gray	**2002-541**	100 (4x25)
WMB Inline, plain,			
	stretchable 4 … 4.2 mm, 2,000 WMB markers, 4 mm, on roll		
	white	**2009-114**	1
WMB Multi marking system,			
	10 strips with 10 markers per card, stretchable 4 … 4.2 mm		
	plain	**793-4501**	5
WMB Multi marking system, plain,			
	10 strips with 10 markers per card, stretchable 4 … 4.2 mm		
	yellow	**793-4501/000-002**	
	red	**793-4501/000-005**	
	blue	**793-4501/000-006**	
	gray	**793-4501/000-007**	
	orange	**793-4501/000-012**	
	light green	**793-4501/000-017**	
	green	**793-4501/000-023**	
	violet	**793-4501/000-024**	
			5

	Item No.	Pack. Unit
Modular TOPJOB® S connector,		
for jumper contact slot,		
can be snapped together, gray		
1-pole	**2002-511**	100 (4x25)
Spacer module, can be snapped together,		
e.g., for bridging commoned terminal blocks		
gray	**2002-549**	100 (4x25)
TOPJOB® S connector strip,		
for jumper contact slot, gray		
2-pole	**2002-552**	25
3-pole	**2002-553**	25
4-pole	**2002-554**	25
5-pole	**2002-555**	10
6-pole	**2002-556**	10
7-pole	**2002-557**	10
8-pole	**2002-558**	10
9-pole	**2002-559**	10
10-pole	**2002-560**	10

Item-Specific Accessories

End plate,			
	for modular TOPJOB® S connectors, 1.5 mm thick		
	gray	**2002-541**	100 (4x25)
WMB Inline, plain,			
	stretchable 5 … 5.2 mm, 1,500 WMB markers, 5 mm, on roll		
	white	**2009-115**	1
WMB Multi marking system,			
	10 strips with 10 markers per card, stretchable 5 … 5.2 mm		
	plain	**793-5501**	5
WMB Multi marking system, plain,			
	10 strips with 10 markers per card, stretchable 5 … 5.2 mm		
	yellow	**793-5501/000-002**	
	red	**793-5501/000-005**	
	blue	**793-5501/000-006**	
	gray	**793-5501/000-007**	
	orange	**793-5501/000-012**	
	light green	**793-5501/000-017**	
	green	**793-5501/000-023**	
	violet	**793-5501/000-024**	
			5
Miniature WSB Quick marking system,			
	10 strips with 10 markers per card, 5 mm wide markers		
	plain	**248-501**	5

Accessories

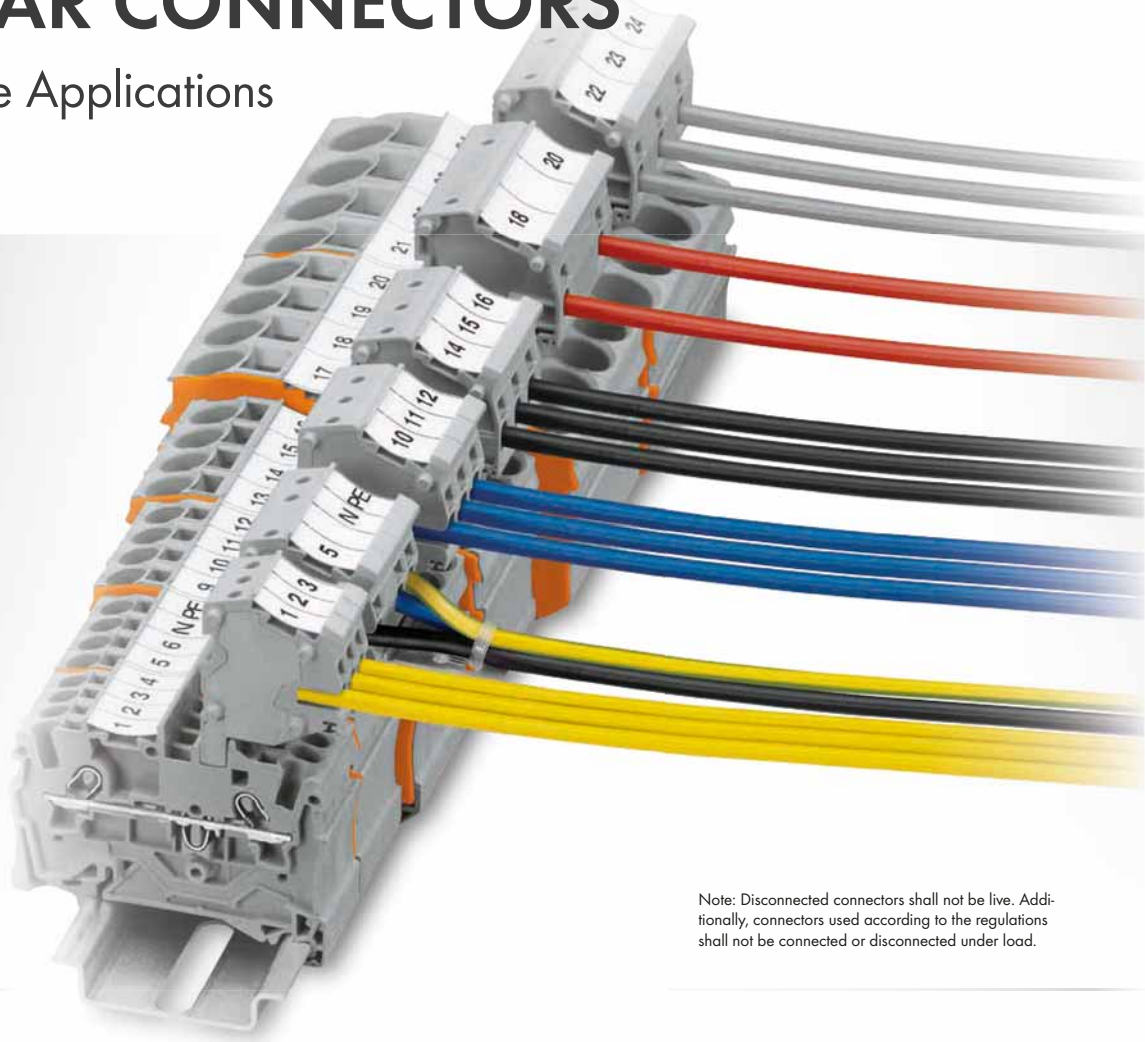
Appropriate marking systems: WMB/Marking

Test plug,			
	with 500 mm cable, 2.3 mm Ø		
	yellow	**210-137**	50
Test plug,			
	with 500 mm cable, 2 mm Ø		
	red	**210-136**	50
Strain relief plate, gray			
	35 mm width	**734-326**	100 (4x25)
	6 mm wide	**734-327**	100 (4x25)
	12.5 mm width	**734-328**	100 (4x25)
	25 mm wide	**734-329**	100 (4x25)
Marking strip, plain,			
	11 mm wide, 50 m roll		
	white	**2009-110**	1

Approvals see www.wago.com

MODULAR CONNECTORS

For Even More Applications



Note: Disconnected connectors shall not be live. Additionally, connectors used according to the regulations shall not be connected or disconnected under load.

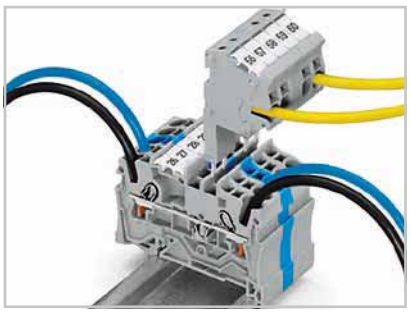
Modular Connectors

Modular connectors with Push-in CAGE CLAMP® technology offer an additional connection option for conductors of the same size as the terminal block being used (up to 23 A). They can also double as test plugs.

Connector Strips

Additionally, 2- to 10-pole connector strips for the 2001 and 2002 Series, as well as 2- to 5-pole connector strips for the 2004 Series are available.

Testing



Modular connectors for 2001, 2002, 2004, 2006, 2010 and 2016 Series have a test socket for 2 mm or 2.3 mm Ø test plugs (max. test voltage: 42 V).

TOPJOB® S
Connectors 4 (6) mm²
2004/2006/2010/2016 Series

0.5 ... 4 (6) mm² ❶ | AWG 20 ... 10 500 V/6 kV/3 ❷ | 300 V, 30 A I_N 32 A Terminal block width 6.2 mm / 0.244 in. 11 ... 13 mm / 0.47 in.❸	0.5 ... 4 (6) mm² ❶ | AWG 20 ... 10 500 V/6 kV/3 ❷ I_N 32 A Terminal block width 7.5 mm / 0.295 in. 11 ... 13 mm / 0.47 in.❸	0.5 ... 4 (6) mm² ❶ | AWG 20 ... 10 500 V/6 kV/3 ❷ I_N 32 A Terminal block width 10 mm / 0.394 in. 11 ... 13 mm / 0.47 in.❸

Item No.		Pack. Unit
Modular TOPJOB® S connector,		
for jumper contact slot,		
can be snapped together, gray		
◯ 1-pole	**2004-511**	100 (4x25)
Spacer module, can be snapped together,		
e.g., for bridging commoned terminal blocks		
◯ gray	**2004-549**	100 (4x25)
TOPJOB® S connector strip,		
for jumper contact slot, gray		
◯ 2-pole	**2004-552**	25
◯ 3-pole	**2004-553**	25
◯ 4-pole	**2004-554**	25
◯ 5-pole	**2004-555**	10

Item No.		Pack. Unit
Modular TOPJOB® S connector,		
for jumper contact slot,		
can be snapped together, gray		
◯ 1-pole	**2006-511**	50 (2x25)
Spacer module, can be snapped together,		
e.g., for bridging commoned terminal blocks		
◯ gray	**2006-549**	50 (2x25)

Item No.		Pack. Unit
Modular TOPJOB® S connector,		
for jumper contact slot,		
can be snapped together, gray		
◯ 1-pole	**2010-511**	50 (2x25)
Spacer module, can be snapped together,		
e.g., for bridging commoned terminal blocks		
◯ gray	**2010-549**	50 (2x25)

Item-Specific Accessories

Test plug,

with 500 mm cable,
2.3 mm Ø
yellow **210-137** 50

Accessories

Appropriate marking systems: WMB/Marking strips

End plate,

for modular TOPJOB® S connectors,
1.5 mm thick
gray **2004-541** 100 (4x25)

Test plug,

with 500 mm cable,
2 mm Ø
red **210-136** 50

Strain relief plate, gray

35 mm width	**734-326**	100 (4x25)
6 mm wide	**734-327**	100 (4x25)
12.5 mm width	**734-328**	100 (4x25)
25 mm wide	**734-329**	100 (4x25)

Marking strip, plain,

11 mm wide,
50 m roll
white **2009-110** 1

WMB Multi marking system,

10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

Approvals see www.wago.com

0.5 ... 4 (6) mm² ❶ | AWG 20 ... 10
500 V/6 kV/3 ❷
I_N 32 A

Terminal block width 12 mm / 0.472 in.
11 ... 13 mm / 0.47 in.❸

❶ Conductor sizes: 0.5 mm² ... 6 mm² "s + f-st"; Push-in conductor sizes: 1 mm² ... 6 mm² "s" and 0.75 mm² ... 4 mm² "insulated ferrule, 12 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

	Item No.	Pack. Unit
Modular TOPJOB® S connector,		
for jumper contact slot,		
can be snapped together, gray		
◯ 1-pole	**2016-511**	50 (2x25)
Spacer module, can be snapped together,		
e.g., for bridging commoned terminal blocks		
◯ gray	**2016-549**	50 (2x25)

TOPJOB® S
L-Type Test Plug Modules for Testing Rail-Mounted Terminal Blocks Terminal Block Width 5.2 mm via Conductor Wire Opening, 2002 Series

0.25 … 2.5 (4) mm² ❶ | AWG 22 … 12
500 V/6 kV/3 ❷
I_N 18 A

Terminal block width 5.2 mm / 0.205 in.
10 … 12 mm / 0.43 in.❸

TOPJOB® S L-type test plug assembly consisting of:
L-test plug modules and spacer modules

❶ Conductor sizes: 0.25 mm² … 4 mm² "s + f-st";
Push-in conductor sizes: 0.75 mm² … 4 mm² "s" and 0.75 mm² … 2.5 mm²
"insulated ferrule, 12 mm"

❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

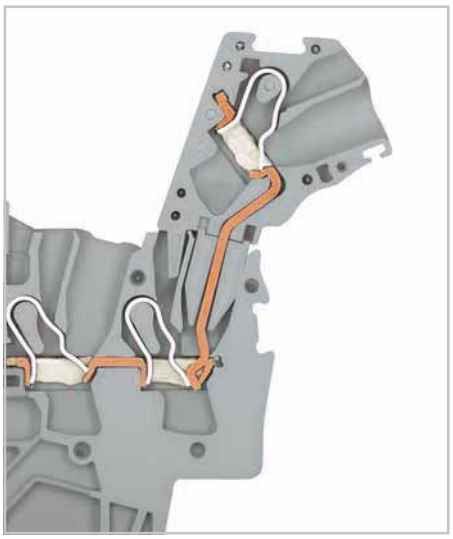
	Item No.	Pack. Unit
TOPJOB® S L-test plug module, can be snapped together, gray		
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.		
◯ 1-pole	**2002-611**	100 (4x25)
TOPJOB® S L-type spacer module,		
can be snapped together,		
e.g., for bridging commoned terminal blocks		
◯ gray	**2002-649**	100 (4x25)

L-type test plug modules fitted in a triple-deck terminal block

Accessories L-Type Test Plug Modules

Appropriate marking systems:
WMB/Marking strips/WMB Inline

End plate, for modular TOPJOB® S test plugs,			
1.5 mm thick			
gray		**2002-641**	100 (4x25)
Test plug,			
with 500 mm cable,			
2 mm Ø			
red		**210-136**	50
Test plug,			
with 500 mm cable,			
2.3 mm Ø			
yellow		**210-137**	50
Strain relief plate, gray			
35 mm width		**734-326**	100 (4x25)
6 mm wide		**734-327**	100 (4x25)
12.5 mm width		**734-328**	100 (4x25)
25 mm wide		**734-329**	100 (4x25)
WMB Inline, plain,			
stretchable 5 … 5.2 mm,			
1,500 WMB markers, 5 mm, on roll			
white		**2009-115**	1
WMB Multi marking system,			
10 strips with 10 markers per card,			
stretchable 5 … 5.2 mm			
plain		**793-5501**	5



L-type test plug module, cross-sectional view of contact

Approvals see www.wago.com

TOPJOB® S
Adjacent Jumpers for Continuous Commoning and Colored Push-In Type Jumper Bars, 2002 Series

Adjacent jumper for continuous commoning	Push-in type jumper bar	Push-in type jumper bar

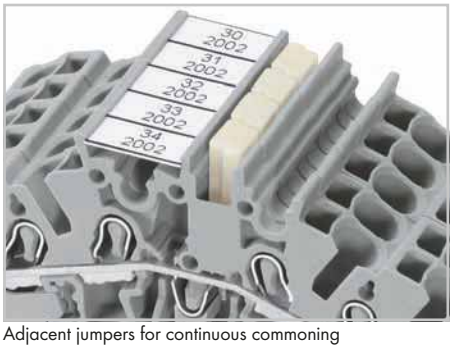




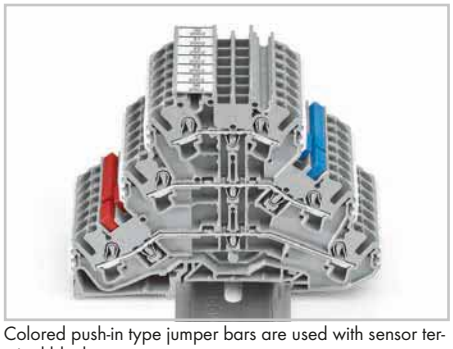
	Item No.	Pack. Unit
Adjacent jumper for continuous commoning, insulated,		
I_N 25 A, light gray		
2-way	**2002-400**	100 (4x25)

	Item No.	Pack. Unit
Push-in type jumper bar, insulated,		
I_N 25 A,		
red		
2-way	**2002-402/000-005**	
3-way	**2002-403/000-005**	
4-way	**2002-404/000-005**	
		200 (8x25)
5-way	**2002-405/000-005**	
6-way	**2002-406/000-005**	
7-way	**2002-407/000-005**	
8-way	**2002-408/000-005**	
9-way	**2002-409/000-005**	
10-way	**2002-410/000-005**	
		100 (4x25)
Push-in type jumper bar, insulated,		
I_N 14 A,		
red		
2-way	**2000-402/000-005**	
3-way	**2000-403/000-005**	
4-way	**2000-404/000-005**	
		200 (8x25)
5-way	**2000-405/000-005**	
6-way	**2000-406/000-005**	
7-way	**2000-407/000-005**	
8-way	**2000-408/000-005**	
9-way	**2000-409/000-005**	
10-way	**2000-410/000-005**	
		100 (4x25)

	Item No.	Pack. Unit
Push-in type jumper bar, insulated,		
I_N 25 A,		
blue		
2-way	**2002-402/000-006**	
3-way	**2002-403/000-006**	
4-way	**2002-404/000-006**	
		200 (8x25)
5-way	**2002-405/000-006**	
6-way	**2002-406/000-006**	
7-way	**2002-407/000-006**	
8-way	**2002-408/000-006**	
9-way	**2002-409/000-006**	
10-way	**2002-410/000-006**	
		100 (4x25)
Push-in type jumper bar, insulated,		
I_N 14 A,		
blue		
2-way	**2000-402/000-006**	
3-way	**2000-403/000-006**	
4-way	**2000-404/000-006**	
		200 (8x25)
5-way	**2000-405/000-006**	
6-way	**2000-406/000-006**	
7-way	**2000-407/000-006**	
8-way	**2000-408/000-006**	
9-way	**2000-409/000-006**	
10-way	**2000-410/000-006**	
		100 (4x25)



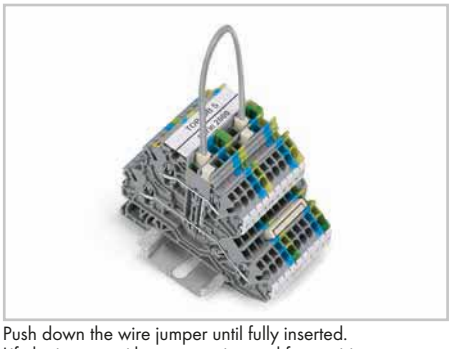
Adjacent jumpers for continuous commoning


Colored push-in type jumper bars are used with sensor terminal blocks.

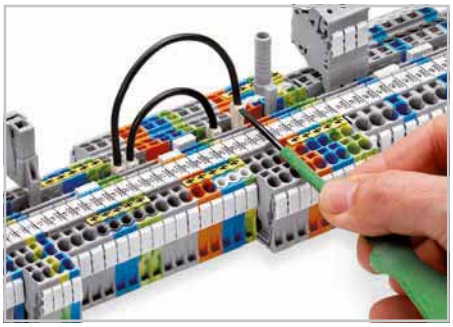
TOPJOB® S
Push-In Type Wire Jumpers

Push-in type wire jumper I_N 9 A Conductor size 0.75 mm²	Push-in type wire jumper I_N 18 A Conductor size 1.5 mm²

Item No.		Pack. Unit	Item No.		Pack. Unit
Push-in type wire jumper, insulated, conductor cross section 0.75 mm², suitable for 2000 and 2020 Series rail-mounted terminal blocks			**Push-in type wire jumper,** insulated, conductor cross section 1.5 mm², suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks		
L = 60 mm	**2009-402**	100 (10x10)	L = 60 mm	**2009-412**	100 (10x10)
L = 110 mm	**2009-404**	100 (10x10)	L = 110 mm	**2009-414**	100 (10x10)
L = 250 mm	**2009-406**	100 (10x10)	L = 250 mm	**2009-416**	100 (10x10)



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



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

TOPJOB® S
Star Point Jumpers and Delta Jumpers

Star point jumper 800 V/8 kV/3 I_N = I_N terminal block	Delta jumper 800 V/8 kV/3 I_N = I_N terminal block

Item No.	Pack. Unit
Star point jumper, insulated,	
1-3-5,	
light gray	
2000-405/011-000	
2001-405/011-000	
2002-405/011-000	
2004-405/011-000	
	100 (4x25)
2006-405/011-000	
2010-405/011-000	
2016-405/011-000	
	50 (2x25)

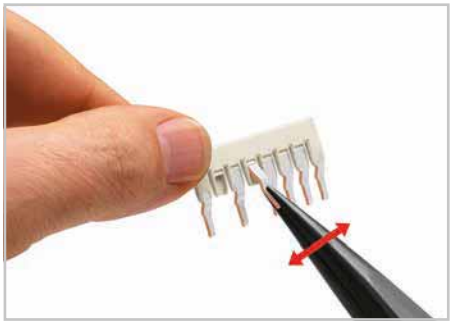
Item No.	Pack. Unit
Delta jumper, insulated,	
1-2 3-4 5-6,	
light gray	
2000-406/020-000	
2001-406/020-000	
2002-406/020-000	
2004-406/020-000	
	100 (4x25)

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

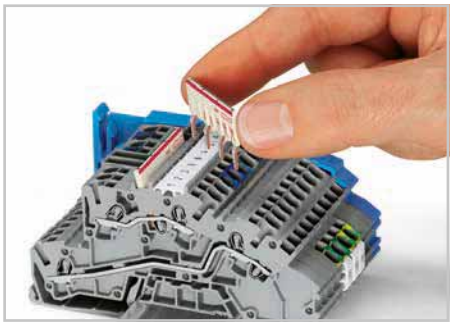
This jumper has been specially developed to create a "delta" configuration and is used on motor terminal boards equipped with TOPJOB® S rail-mounted terminal blocks.

TOPJOB® S
Staggered Jumpers
2002 Series

Staggered jumper
400 V/6 kV/3
I_N 25 A



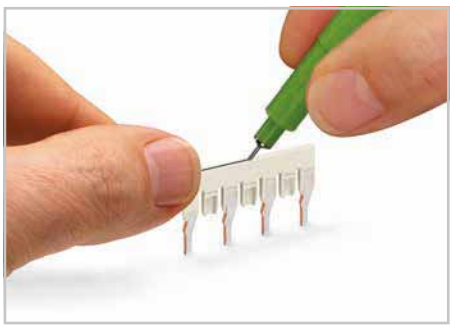
Staggered jumper with 7 contacts
Breaking off contact lugs – Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet requirements for clearances and creepage distances.



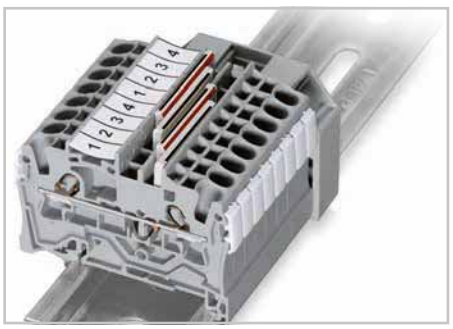
Insert staggered jumper
Push staggered jumper down until fully inserted.

	Item No.	Pack. Unit
Staggered jumper, insulated, suitable for 2002, 2003 and 2022 Series rail-mounted terminal blocks, light gray		
◯ 2-way	**2002-472**	100 (4x25)
◯ 3-way	**2002-473**	100 (4x25)
◯ 4-way	**2002-474**	100 (4x25)
◯ 5-way	**2002-475**	50 (2x25)
◯ 6-way	**2002-476**	50 (2x25)
◯ 7-way	**2002-477**	50 (2x25)
◯ 8-way	**2002-478**	50 (2x25)
◯ 9-way	**2002-479**	50 (2x25)
◯ 10-way	**2002-480**	50 (2x25)
◯ 11-way	**2002-481**	50 (2x25)
◯ 12-way	**2002-482**	50 (2x25)

Commoning using staggered jumpers
Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet the requirements for clearances and creepage distances. 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, ensure only one contact lug is in contact with the terminal block.
The contact lugs of the customized staggered jumpers contact the terminal blocks via the gaps created in the second jumper. Insert and press jumper into the jumper slot until it hits the backstop.



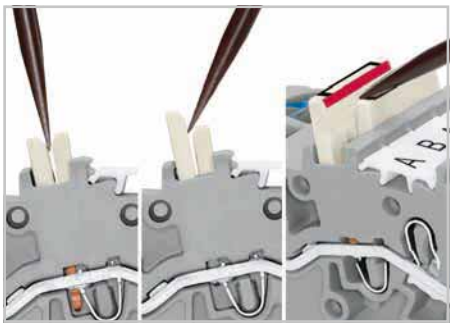
Staggered jumper 1 – 3 – 5 – 7
Marking with a felt-tip pen.



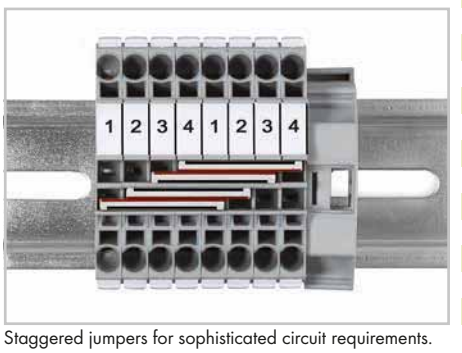
Locate red stripes of the staggered jumpers on the inside

Jumpers staggered in a jumper slot
Custom staggered jumpers can be created, e.g., for bridging over a terminal block with a different potential. Make sure only one contact lug is in contact with the terminal block.

That way, staggered jumpers are created with contact lugs that will make contact to the terminal block in the gaps of the second jumper. Insert the ready-made jumper assembly into the jumper slot until it hits the stop.



Staggered jumper removal
Insert the operating tool between the jumpers and lift up the jumper.



Staggered jumpers for sophisticated circuit requirements.

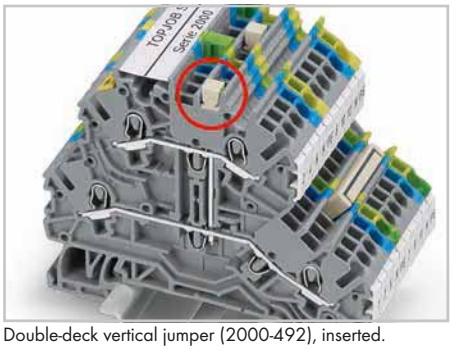
TOPJOB® S
Vertical Jumpers
2000 and 2002 Series

Double-deck vertical jumper 500 V/6 kV/3 I_N 13.5 A	Double-deck vertical jumper 500 V/6 kV/3 I_N 24 A	Triple-deck vertical jumper 500 V/6 kV/3 I_N 24 A

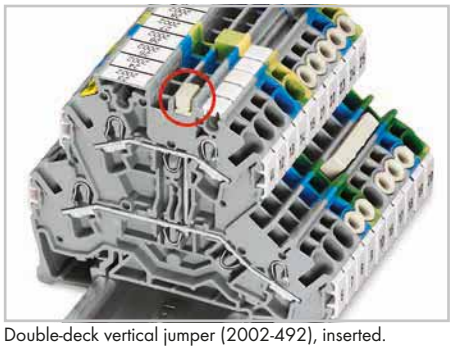
	Item No.	Pack. Unit
Double-deck vertical jumper, insulated		
○ light gray	**2000-492**	100 (4x25)

	Item No.	Pack. Unit
Double-deck vertical jumper, insulated		
○ light gray	**2002-492**	100 (4x25)
● orange	**2002-492/000-012**	100 (4x25)

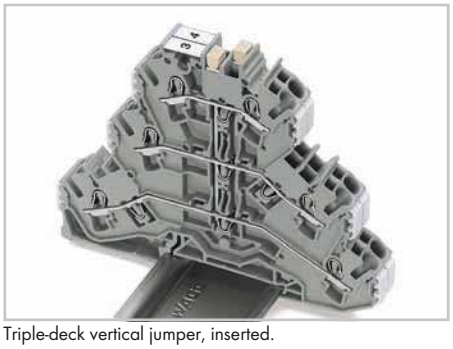
	Item No.	Pack. Unit
Triple-deck vertical jumper, insulated		
○ light gray	**2002-493**	100 (4x25)



Double-deck vertical jumper (2000-492), inserted.



Double-deck vertical jumper (2002-492), inserted.



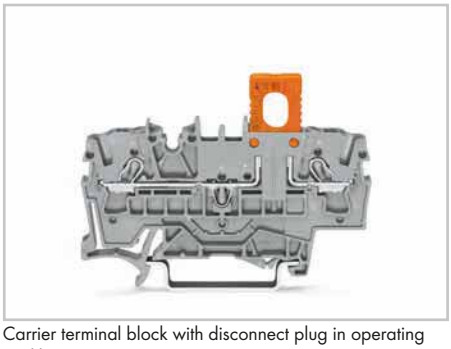
Triple-deck vertical jumper, inserted.

TOPJOB® S
Disconnect Plugs for Carrier Terminal Blocks

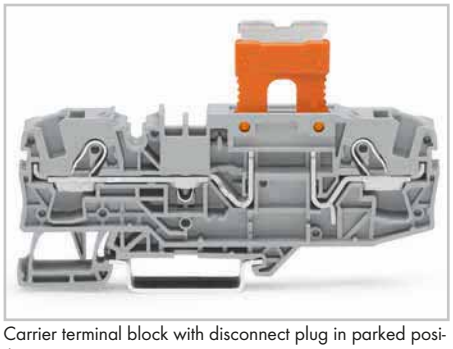
Disconnect plug for carrier terminal blocks 400 V/6 kV/3 I_N 10 A	Disconnect plug for carrier terminal blocks 800 V/8 kV/3 I_N 30 A

	Item No.	Pack. Unit
Disconnect plug for carrier terminal blocks, suited when using a carrier terminal block as disconnect terminal block		
orange	**2002-401**	100 (4x25)

	Item No.	Pack. Unit
Disconnect plug for carrier terminal blocks, suited when using a carrier terminal block as disconnect terminal block		
orange	**2006-401**	100 (4x25)



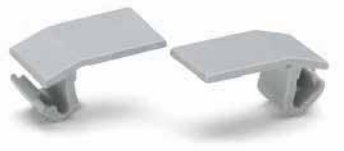
Carrier terminal block with disconnect plug in operating position.



Carrier terminal block with disconnect plug in parked position.

TOPJOB® S
Lockout Caps

Lockout cap



	Item No.	Pack. Unit
Lockout cap, for conductor entry hole and operating slot		
gray	**2006-191**	25

Lockout cap for covering unused clamping units of 2006 Series TOPJOB® S terminal blocks.

OUR POWER TEAM

Terminate Conductors up to 185 mm² (350 kcmil) with Just One Turn

Assembly

- Firmly snap a ground conductor terminal block onto DIN-rail.
- The contact foot is secured, providing the appropriate power grounding connection. Use a 2.3 mm copper carrier rail.

Marking

- WMB markers are suitable for all high-current terminal blocks.
- Marking strips must be applied directly to both 35 mm² (2 AWG) and 185 mm² (350 kcmil) terminal blocks.
- Marking strip adapters are used for 35 ... 95 mm² (2 ... 4/0 AWG) terminal blocks.

Connection

Rotate the T-wrench or screwdriver counter-clockwise to the stop ①. Next, push in the orange locking tab. The clamp is locked open for hands-free wiring.

Insert a stripped conductor into the clamping unit until it hits backstop. Hold in this position.

A short counter-clockwise rotation ② releases the tab. When unlocked, the T-wrench rotates clockwise,
securely clamping the conductor.

1. Bend conductor
2. Cut conductor to length (Conductor end must be straight!)
3. Strip conductor (Observe strip length printed on terminal block!)

Safety

- **Warning covers** visually indicate high-voltage applications
  E.g.,: NOTICE: Power is still on even after switching off the main switch!
- **Yellow, detachable covers** shield the jumper slots and/or unused conductor entries, making them touch-proof.
- **Risk of injury!**
  Keep fingers out of the conductor entry hole!

Power Tap (50 … 185 mm² / 2/0 AWG … 350 kcmil)

- Power tap provides safe and easy power distribution to additional loads.
- Insert the unwired tap before actuating the spring.
- Also insert the power tap into the jumper slot of 35 mm² (2 AWG) terminal blocks.

Commoning

… for 35 mm² (2 AWG)

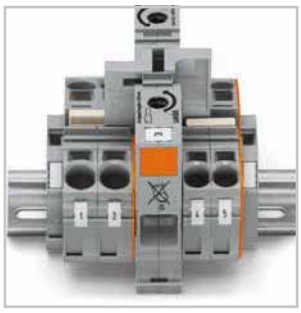
Commoning adjacent terminal blocks using a centrally positioned push-in jumper.
Use an operating tool to remove the jumper.

… for 50, 95 and 185 mm² (2/0, 4/0 AWG and 350 kcmil)

Commoning with an adjacent jumper: Inserting the jumper above the conductor entry hole – prior to conductor termination. The nominal cross-section remains unchanged.

Commoning

… via step-down jumpers with TOPJOB® S



Commoning 35 mm² (2 AWG) high-current terminal blocks with 10/16 mm² (8/6 AWG) TOPJOP® S Terminal Blocks using step-down jumpers.

Testing

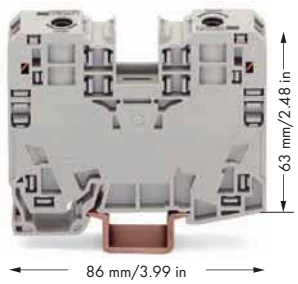
Easy troubleshooting via 4 mm Ø touch-proof test plug.
A test plug adapter (283-404) is used for 35 mm² (2 AWG) terminal blocks. (Test plugs are not available from WAGO, but are offered by industry suppliers such as Multi-Contact Deutschland GmbH.)

High-Current, Through and Ground Conductor Terminal Blocks 35 mm²
285 Series

POWER CAGE CLAMP®

6 ... 35 mm²	**AWG 10 ... 2**
1000 V/8 kV/3 ❶	**600 V, 115 A**
I_N 125 A	**600 V, 115 A**
Terminal block width 16 mm / 0.63 in.	
25 mm / 0.98 in.❸	

0.2 ... 6 mm²	**AWG 24 ... 10**
800 V/8 kV/3 ❷	**600 V, 30 A**
I_N 32 A	**600 V, 32 A**
Module width 8 mm / 0.315 in.	
12 ... 13 mm / 0.49 in.❸	



❶ 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for:
Step-down jumper, page 171

	Item No.	Pack. Unit
2-conductor through terminal block, to be used exclusively on DIN 35 x 15 rail		
gray	**285-135**	15
blue	**285-134**	15
2-conductor ground terminal block, to be used exclusively on DIN 35 x 15 rail; 2.3 mm thick		
green-yellow	**285-137**	15

Item-Specific Accessories

Adjacent jumper, insulated,
I_N 85 A
gray **285-435** 50 (2x25)

Step-down jumper, insulated, ❹
I_N 90 A
gray **285-430** 50 (2x25)

Protective warning marker,
with high-voltage symbol, black
yellow **285-420** 100 (4x25)

Finger guard,
touchproof cover protects unused conductor entries
yellow **285-421** 100 (4x25)

Test plug adapter, 11.6 mm wide,
for 1.5 ... 16 mm² terminal blocks, for 4 mm Ø test plug
gray **283-404** 25

Operating tool with partially insulated shaft,
type 3, (5.5 x 0.8) mm blade
210-721 1

Three-phase set,
with 35mm² high-current terminal blocks
285-139 1

Voltage tap, I_N 24 A, with 500 mm cable, for terminal blocks 16 mm² (283/783 Series) and 35 mm² (285/785 Series)
gray **283-407** 25

Marking strip, plain,
11 mm wide,
50 m roll
white **2009-110** 1

Copper carrier rail, acc. to EN 60715,
35 x 15 mm, 2.3 mm,
2 m/6'6" long
unslotted **210-198** 10

	Item No.	Pack. Unit
Voltage tap, for 35 mm² high-current terminal blocks		
gray	**285-427**	5

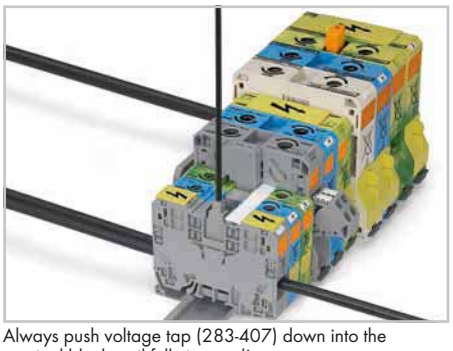
Item-Specific Accessories

Strain relief plate, gray
1-pole **769-410** 100 (4x25)

Test plug,
with 500 mm cable,
2 mm Ø
red **210-136** 50

WMB Multi marking system,
10 strips with 10 markers per card,
for terminal widths 5 ... 17.5 mm
plain **793-501** 5

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5



Always push voltage tap (283-407) down into the terminal block until fully inserted!

Approvals see www.wago.com

High-Current, Through and Ground Conductor Terminal Blocks 50 (70 “f-st”) mm²
285 Series

POWER CAGE CLAMP®

10 … 50 (70 “f-st”) mm²	AWG 8 … 1/0	0.2 … 6 mm²	AWG 24 … 10
1000 V/8 kV/3 ❶	600 V, 150 A	1000 V/8 kV/3 ❶	600 V, 30 A
I_N 150 A	600 V, 150 A	I_N 41 A	600 V, 41 A
Terminal block width 20 mm / 0.787 in.		Module width 16 mm / 0.63 in.	
30 mm / 1.18 in.❷		12 … 13 mm / 0.49 in.❷	

❶ 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❷ Strip length, see packaging or instructions.

❸ Jumper can only be removed or inserted when the clamp is in closed position.

	Item No.	Pack. Unit
2-conductor through terminal block, to be used exclusively on DIN 35 x 15 rail		
gray	**285-150**	5
blue	**285-154**	5
2-conductor ground terminal block, to be used exclusively on DIN 35 x 15 rail; 2.3 mm thick, copper		
green-yellow	**285-157**	5

Item-Specific Accessories

Adjacent jumper, insulated,			
❸	I_N 150 A for 1 jumper, I_N 130 A for 2 … 4 jumpers		
	gray	**285-450**	100 (4x25)
Protective warning marker,			
	with high-voltage symbol, black		
	yellow	**285-440**	50 (2x25)
Finger guard,			
	touchproof cover protects unused conductor entries and jumper slots		
	yellow	**285-441**	100 (4x25)
Allen wrench with partially insulated shaft			
		285-172	1
Three-phase set,			
	with 50 mm² high-current terminal blocks		
		285-159	1
WMB Multi marking system,			
	10 strips with 10 markers per card, for terminal widths 5 … 17.5 mm		
	plain	**793-501**	5
WMB Multi marking system,			
	10 strips with 10 markers per card, stretchable 5 … 5.2 mm		
	plain	**793-5501**	5
Marking strip, plain,			
	11 mm wide, 50 m roll		
	white	**2009-110**	1
Marker carrier, for POWER CAGE CLAMP			
	35/50/95 mm², 10.4 mm wide		
	gray	**285-442**	25
Copper carrier rail, acc. to EN 60715,			
	35 x 15 mm, 2.3 mm, 2 m/6’6” long		
	unslotted	**210-198**	10

	Item No.	Pack. Unit
Voltage tap, for 50 mm² high-current terminal blocks		
gray	**285-447**	5

Item-Specific Accessories

Protective warning marker,			
	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	**282-415**	50 (2x25)
WMB Multi marking system,			
	10 strips with 10 markers per card, for terminal widths 5 … 17.5 mm		
	plain	**793-501**	5
WMB Multi marking system,			
	10 strips with 10 markers per card, stretchable 5 … 5.2 mm		
	plain	**793-5501**	5

Adapter for marking strips or 2 x WMB

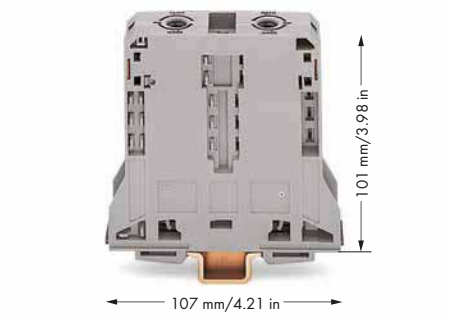
Approvals see www.wago.com

High-Current Through/Ground Conductor and Ex Terminal Blocks
95 mm²
285 Series

POWER CAGE CLAMP®

25 ... 95 mm²	AWG 4 ... 4/0
1000 V/8 kV/3 ❷	600 V, 200 A
I_N 232 A	600 V, 210 A
Terminal block width 25 mm / 0.984 in.	
35 mm / 1.38 in.❸	

0.2 ... 10 (16) mm² ❶	AWG 24 ... 8
1000 V/8 kV/3 ❷	600 V, 50 A
I_N 57 A	
Module width 20 mm / 0.787 in.	
12 ... 13 mm / 0.49 in.❸	



❶ Max. connector size: 16 mm²

❷ 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❸ Strip length, see packaging or instructions.

❹ Suitable for Ex e II applications
25 ... 95 mm²/AWG 4 ... 4/0
880 V, 211 A
1 jumper 211 A
2 ... 4 jumpers 175 A
35 ... 70 mm²/AWG 2 ... 2/0
for ground conductor terminal blocks
(see Full Line Catalog, Volume 1, Section 14)

	Item No.	Pack. Unit
2-conductor through terminal block, to be used exclusively on DIN 35 x 15 rail		
gray	**285-195**	5
blue	**285-194**	5
light gray Ex	**285-995** ❹	5
2-conductor ground terminal block, to be used exclusively on DIN 35 x 15 rail; 2.3 mm thick, copper		
green-yellow	**285-197**	5
green-yellow Ex	**285-197/999-950** ❹	5

	Item No.	Pack. Unit
Voltage tap, for 95 mm² high-current terminal blocks		
gray	**285-407**	5

Item-Specific Accessories

Adjacent jumper, insulated,
I_N 232 A for 1 jumper,
I_N 130 A for 2 ... 4 jumpers
gray **285-495** 25

Protective warning marker,
with high-voltage symbol, black
yellow **285-170** 50 (2x25)

Finger guard,
touchproof cover protects unused conductor entries and jumper slots
yellow **285-169** 25

Allen wrench with partially insulated shaft
285-172 1

Three-phase set,
with 95mm² high-current terminal blocks
285-199 1

Steel carrier rail, acc. to EN 60715,
35 x 15 mm, 2.3 mm,
2 m/6'6" long
unslotted **210-118** 10

Copper carrier rail, acc. to EN 60715,
35 x 15 mm, 2.3 mm,
2 m/6'6" long
unslotted **210-198** 10

WMB Multi marking system,
10 strips with 10 markers per card,
for terminal widths 5 ... 17.5 mm
plain **793-501** 5

Marker carrier, for POWER CAGE CLAMP
35/50/95 mm²,
10.4 mm wide
gray **285-442** 25

Item-Specific Accessories

Protective warning marker,
with high-voltage symbol, black,
for 5 terminal blocks
yellow **284-415** 50 (2x25)

WMB Multi marking system,
10 strips with 10 markers per card,
for terminal widths 5 ... 17.5 mm
plain **793-501** 5

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

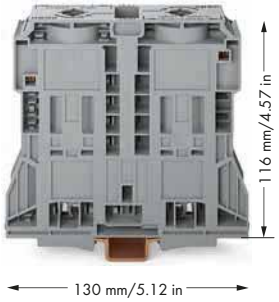
Adapter for marking strips or 2 x WMB

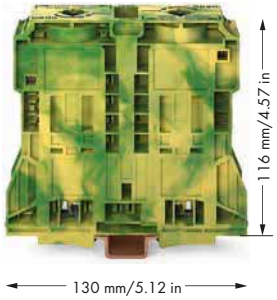
Approvals see www.wago.com

High-Current Through and Ground Conductor Terminal Blocks
185 mm²
285 Series

POWER CAGE CLAMP®

50 ... 185 mm² | **AWG 1/0 ... 350 kcmil** **1000 V AC/DC/1500 VDC/12 kV/3** ❶ **I_N 353 A** **Terminal block width 32 mm / 1.26 in.** **45 ... 47 mm / 1.77 ... 1.85 in.** ❷	**50 ... 120 mm²** | **AWG 1/0 ... 250 kcmil** **Terminal block width 32 mm / 1.26 in.** **45 ... 47 mm / 1.77 ... 1.85 in.** ❷





❶ AC/DC up to 1000 V = rated voltage
DC up to 1500 V
12 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

❷ Strip length, see packaging or instructions.

	Item No.	Pack. Unit
2-conductor through terminal block, to be used exclusively on DIN 35 x 15 rail		
gray	**285-1185**	5
blue	**285-1184**	5

	Item No.	Pack. Unit
2-conductor ground terminal block, to be used exclusively on DIN 35 x 15 rail; 2.3 mm thick, copper		
green-yellow	**285-1187**	5

Item-Specific Accessories

Steel carrier rail, acc. to EN 60715,
35 x 15 mm, 2.3 mm,
2 m/6'6" long
unslotted **210-118** 10

Copper carrier rail, acc. to EN 60715,
35 x 15 mm, 2.3 mm,
2 m/6'6" long
unslotted **210-198** 10

Item-Specific Accessories

Copper carrier rail, acc. to EN 60715,
35 x 15 mm, 2.3 mm,
2 m/6'6" long
unslotted **210-198** 10

Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

Adjacent jumper, insulated,
I_N 309 A for 1 jumper
gray **285-1171** 25

Protective warning marker,
with high-voltage symbol, black
yellow **285-1177** 50 (2x25)

Finger guard,
touchproof cover protects unused conductor entries and jumper slots
yellow **285-1178** 25

Allen wrench with partially in.sulated shaft
285-172 1

Three-phase set,
with 35mm² high-current terminal blocks
285-1169 1

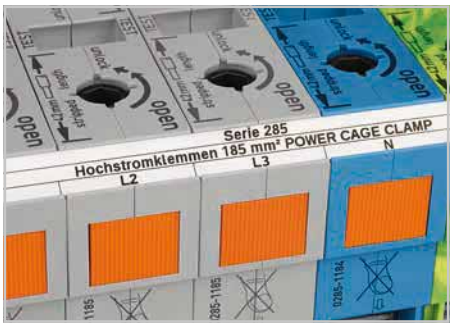
Screwless end stop,
for DIN 35 rail,
14 mm wide
gray **249-197** 10

WMB Inline, plain,
stretchable 5 ... 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

Marking strip, plain,
11 mm wide,
50 m roll
white **2009-110** 1

WMB Multi marking system,
10 strips with 10 markers per card,
for terminal widths 5 ... 17.5 mm
plain **793-501** 5

WMB Multi marking system,
10 strips with 10 markers per card,
stretchable 5 ... 5.2 mm
plain **793-5501** 5

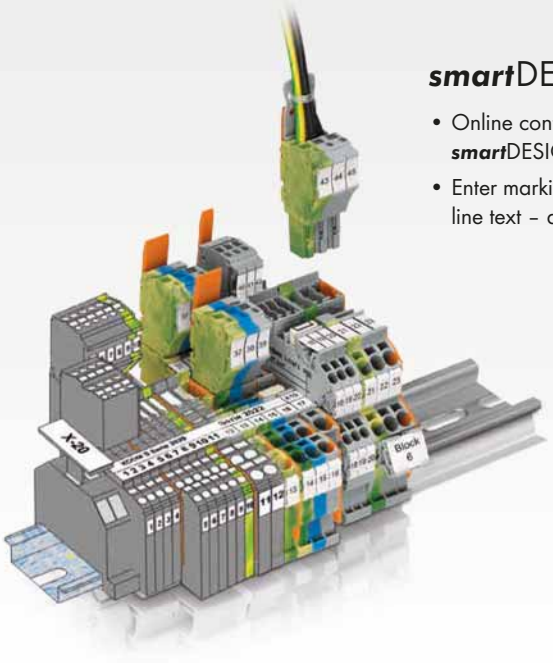


Besides WMB markers, marking strips can also be directly accommodated on the 185 mm² (350 MCM) terminal block.

Approvals see www.wago.com

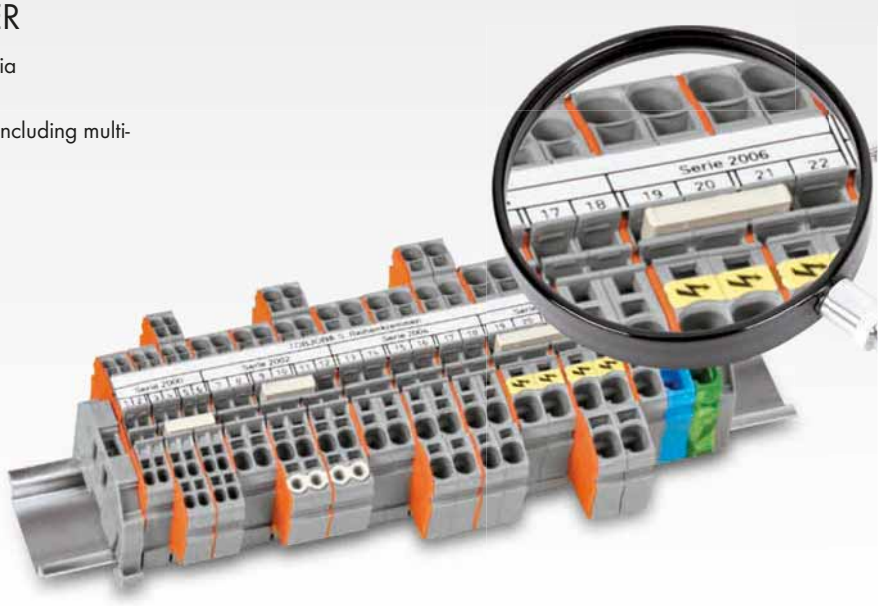
smartPRINTER

Fast – Clear – Cost-Effective



smartDESIGNER

- Online configuration via ***smart***DESIGNER
- Enter marking data – including multi-line text – and print



Marking Strips

- Fast printing
- Quick and easy mounting
- Suitable for all TOPJOB® S, POWER CAGE CLAMP Rail-Mounted Terminal Blocks and more

WMB Inline Markers

- Custom printing
- Snapping marker strips
- For rail-mounted terminal blocks

Three-Line Printing

- Provides clear labeling
- Immediately identify which function corresponds with each terminal block

*smart*PRINTER

- Compact and easy-to-use
- Quickly print and install marking strips
- Cost-effective marking from beginning to end

Type Plates

Wire Markers

Push-Button Markers

TOPJOB® S
WMB Inline, Mini-WSB Inline and Marking Strips

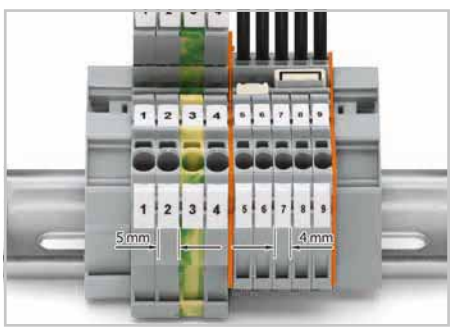
WMB Inline	Mini-WSB Inline	Marking strip

Similiar to picture

	Item No.	Pack. Unit
WMB Inline, plain,		
stretchable 5 ... 5.2 mm,		
1,500 WMB markers, 5 mm, on roll		
◯ white	**2009-115**	1
WMB Inline, plain,		
stretchable 4 ... 4.2 mm,		
2,000 WMB markers, 4 mm, on roll		
◯ white	**2009-114**	1

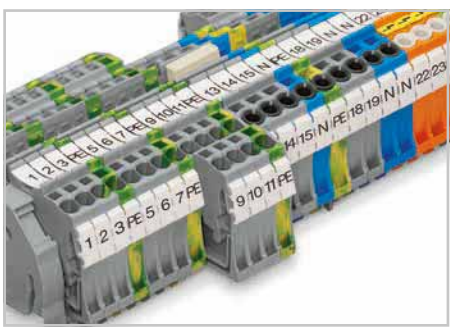
	Item No.	Pack. Unit
Mini-WSB Inline, plain,		
stretchable 5 ... 5.2 mm,		
1,700 WMB markers, 5 mm, on roll		
◯ white	**2009-145**	1

	Item No.	Pack. Unit
Marking strip, plain,		
11 mm wide,		
white		
◯ 50 m roll	**2009-110**	1



WMB Inline
2009-115 markers for 5 ... 5.2 mm wide terminal blocks compared to 2009-114 markers for 4 ... 4.2 mm wide terminal blocks

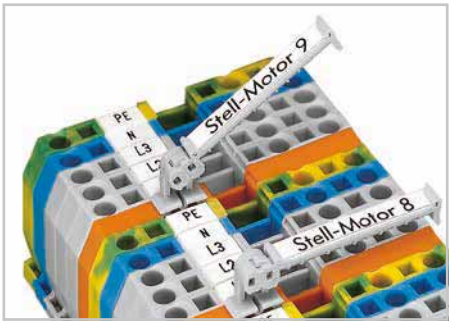
WMB Inline
WMB markers on roll



Marker strips for center marking

TOPJOB® S
Group Marker Carriers and Marker Carriers

Group marker carrier	Marker carrier

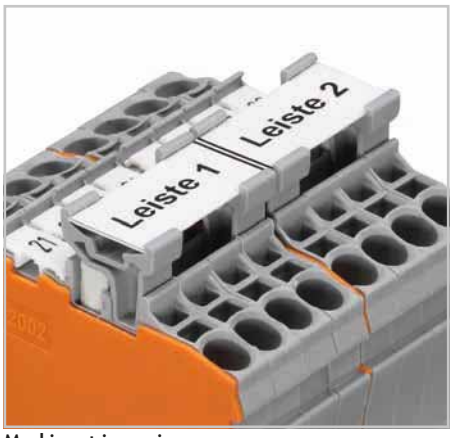


This pivoting group marker carrier has been developed for group marking of rail-mount terminal blocks to satisfy several customer requirements:

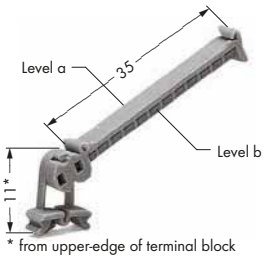
- Can be used in all multiprofile marker slots for rail-mount terminal bocks from 5 mm on or in spacer housings as shown above.
- Improves marking visibility due to difficult mounting conditions by pivoting into one of seven stable positions.

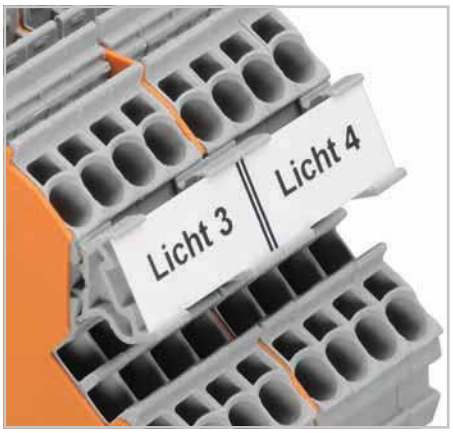
	Item No.	Pack. Unit
TOPJOB® S group marker carrier,		
snap-on type for jumper slot,		
gray		
◯ 5 mm wide	**2009-191**	50 (2x25)
◯ 10 mm wide	**2009-192**	50 (2x25)
◯ 15 mm wide	**2009-193**	50 (2x25)
TOPJOB® S group marker carrier,		
snap-on type for jumper slot,		
gray		
◯ 10 mm wide	**2009-196**	50 (2x25)

	Item No.	Pack. Unit
Marker carrier,		
for jumper slots 2002 Series,		
5 mm wide		
◯ gray	**2002-161**	100 (4x25)



Marking strip carriers
for use in jumper slots





Marking strip carriers
for use in lateral marker slots

	Item No.	Pack. Unit
Pivoting group marker carrier		
◯ gray	**249-105**	50 (2x25)
Marker card, 4 x 30 markers per sheet		
◯ white	**209-183**	1
Protection cover		
transparent	**209-184**	50

	Item No.	Pack. Unit
Marker carrier,		
for lateral marker receptacle,		
5 mm wide		
◯ gray	**2009-198**	200 (8x25)

Thermal Transfer Printer
*smart*PRINTER

Description	Item No.	Pack. Unit
smartPRINTER		
includes:		
- Power supply unit and cable		
- USB cable		
- 1 x marking strip roll and		
WMB Inline markers		
- 2 x rollers		
- 1 x roll holder		
- 1 x ink ribbon		
	258-5000	1

Accessories

Ink ribbon for *smart*PRINTER		
	**258-5005**	1
Roller for *marking*STRIP		
	**258-5006**	1
Roller for WMB Inline		
	**258-5007**	1
Roller for Mini-WSB Inline		
	**258-5008**	1
Carrying case for *smart*PRINTER		
light gray, with foam padding for printer		
Dimensions (W x H x D): 50 x 26 x 33 cm		
	**258-5015**	1

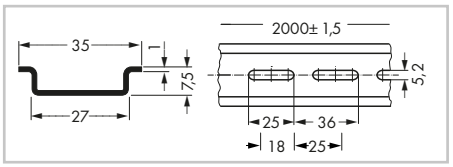
Technical Data

Printing method	Thermal transfer
Print head	Glass layer, spring-mounted
Print speed	max. 127 mm/s
	(WAGO recommends 50.8 mm/s)
Print width (max.)	47 mm
Print length (max.)	762 mm
Print resolution	300 dpi (12 pixels/mm)
Transmissive/Reflective sensor	yes, centrally fixed
Operating display	Color TFT LCD with navigation button
Memory	8 MB Flash, 16 MB SDRAM
Interfaces	USB, RS-232, ETHERNET 10/100 Mbps
Operating voltage	100 ... 240 VAC, 50 ... 60 Hz
	(automatic adjustment)
Dimensions (W x H x D)	135 x 175 x 245 mm
Weight	2,000 g (without printing material)
Operating temperature	5 °C ... 40 °C (41 °F ... 104 °F)
Storage temperature	-20 °C ... 50 °C (-4 °F ... 122 °F)
Safety approvals	CE (EMC)
Ink ribbon	External roll diameter: 40 mm;
	Internal core diameter: 0.5" (12.7 mm);
	Max. length: 110 m; Max. width: 58 mm

Mounting Accessories
Carrier Rails, Rail End Cap, Angled Support Brackets and Collective Carriers

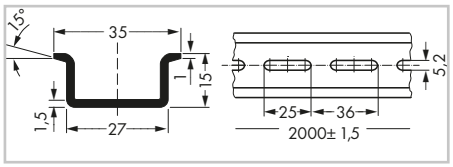
Carrier rail acc. to EN 60715	Carrier rail acc. to EN 60715	Carrier rail acc. to EN 60715

	Item No.	Pack. Unit
Steel carrier rail, I_N 76 A (reference length of 1m/3'3"), 35 x 7.5 mm, 1 mm, 2 m/6'6" long		
unslotted	**210-113**	10
Hole width 25 mm; hole spacing 36 mm		
slotted	**210-112**	10 (10x1)
Hole width 18 mm; hole spacing 25 mm		
slotted	**210-115**	1



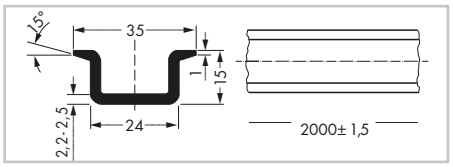
Dimensions in mm

	Item No.	Pack. Unit
Steel carrier rail, I_N 125 A (reference length of 1m/3'3"), 35 x 15 mm, 1.5 mm, 2 m/6'6" long		
unslotted	**210-114**	10
slotted	**210-197**	10



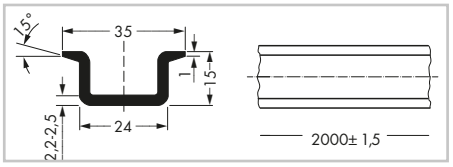
Dimensions in mm

	Item No.	Pack. Unit
Steel carrier rail, I_N 125 A (reference length of 1m/3'3"), 35 x 15 mm, 2.3 mm, 2 m/6'6" long		
unslotted	**210-118**	10



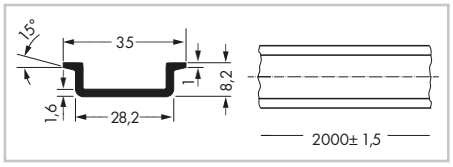
Dimensions in mm

	Item No.	Pack. Unit
Copper carrier rail, I_N 309 A (reference length of 1m/3'3"), 35 x 15 mm, 2.3 mm, 2 m/6'6" long		
unslotted	**210-198**	10



Dimensions in mm

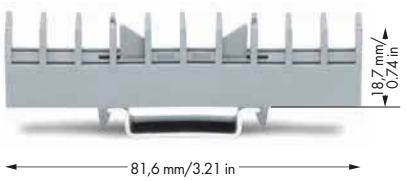
	Item No.	Pack. Unit
Aluminum carrier rail, I_N 76 A (reference length of 1m/3'3"), 35 x 8.2 mm, 1.6 mm, 2 m/6'6" long		
unslotted	**210-196**	10



Dimensions in mm

	Item No.	Pack. Unit
Rail end cap, for DIN 35 rail (7.5 mm high)		
gray	**209-109**	50 (2x25)

Carrier rail acc. to EN 60715	Angled support bracket	Collective carrier for jumpers

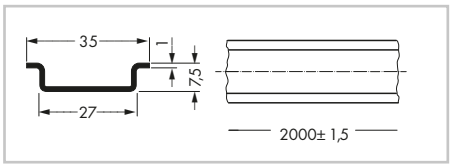


81,6 mm/3.21 in

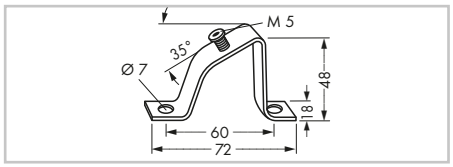
Item No.		Pack. Unit
Steel carrier rail, I_N 76 A (reference length of 1m/3'3"), 35 x 7.5 mm, 1 mm, 2 m/6'6" long		
unslotted	**210-505**	1
slotted	**210-504**	1

Item No.		Pack. Unit
Angled support bracket, without screw		
	210-148	10
Screw M 5 x 8		
	210-149	100 (5x20)

Item No.		Pack. Unit
Collective carrier for jumpers, for DIN 35 rail, for jumpers for transverse switching terminal block (282-811) and longitudinal switching disconnect terminal block (282-821)		
gray	**282-369**	25
The collective carrier can be snapped onto DIN 35 rails. It holds jumpers, e. g., during maintenance.		



Dimensions in mm

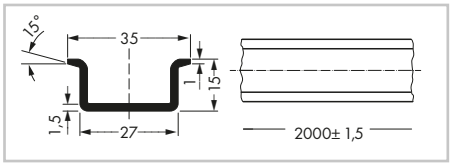


Dimensions in mm

74 mm/2.91 in

Item No.		Pack. Unit
Steel carrier rail, I_N 125 A (reference length of 1m/3'3"), 35 x 15 mm, 1.5 mm, 2 m/6'6" long		
unslotted	**210-506**	1
slotted	**210-508**	1

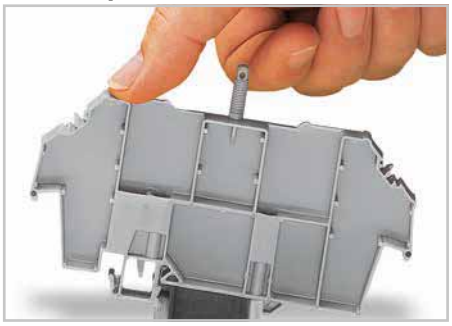
Item No.		Pack. Unit
Collective carrier for adjacent jumpers, for DIN 35 rail, for 279, 280, 281, 282 and 284 Series adjacent jumpers, as well as 215 Series banana plugs		
gray	**209-100**	50 (2x25)
The collective carrier can be snapped onto DIN 35 rails. It holds adjacent jumpers and banana plugs, e. g., during maintenance.		



Dimensions in mm

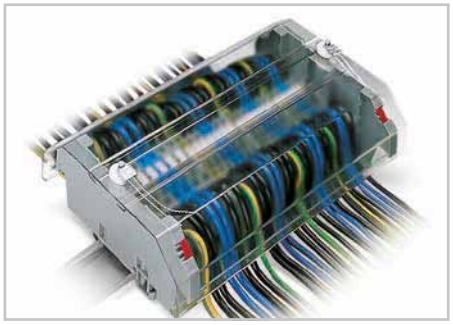
Transparent Covers for Rail-Mounted Terminal Blocks, Usable with Lead Seals – Description and Handling –

Assembly



Snapping a cover carrier onto the carrier rail.

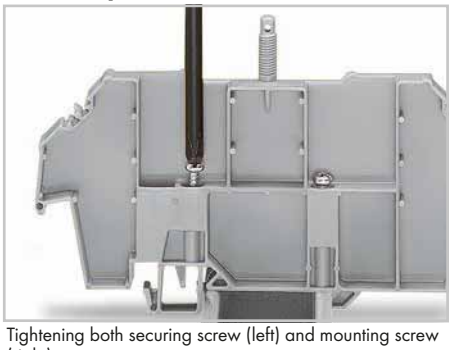
Application



Application examples:
cover (Type 1) without safety warning and lead seals.

Cover with safety warning and lead seals.

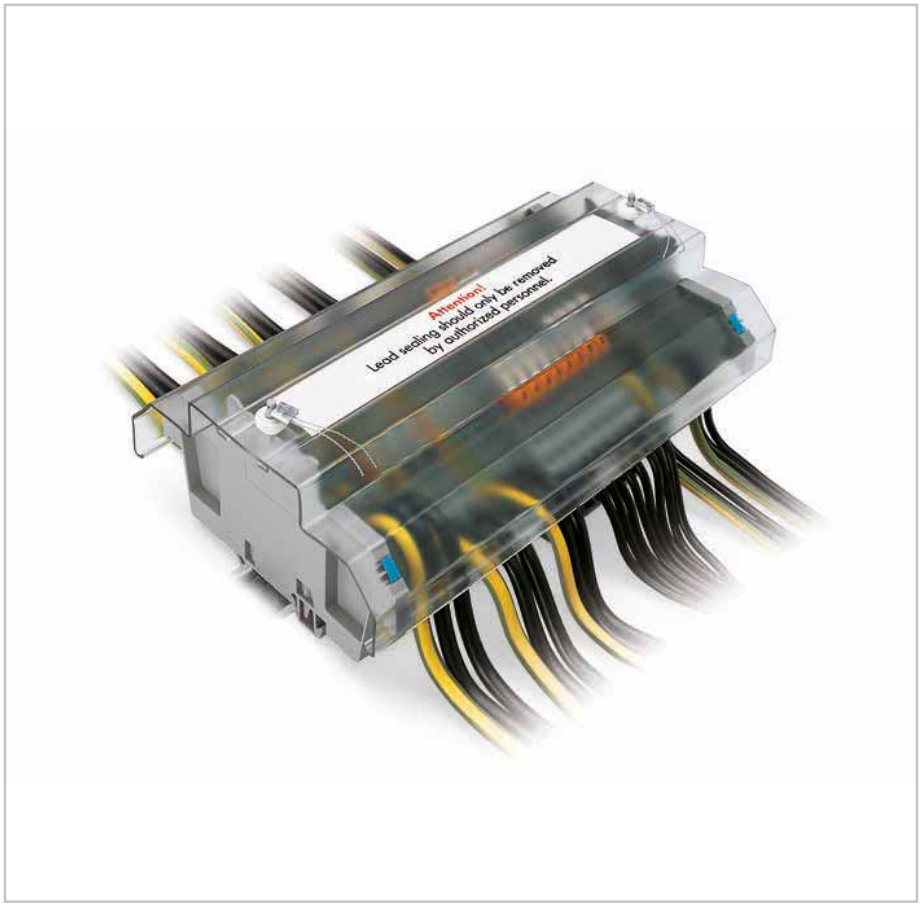
Assembly



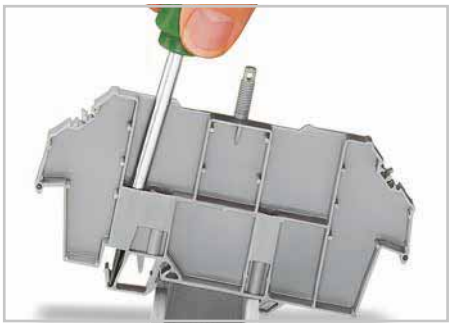
Tightening both securing screw (left) and mounting screw (right).

Assembly

Securing screw – prevents lifting off from rail.
Mounting screw – prevents the cover carrier from being moved on the rail.



Removal



Removing a cover carrier from the carrier rail.

Marking

Inserting a marking strip into the cover.

Lead seal

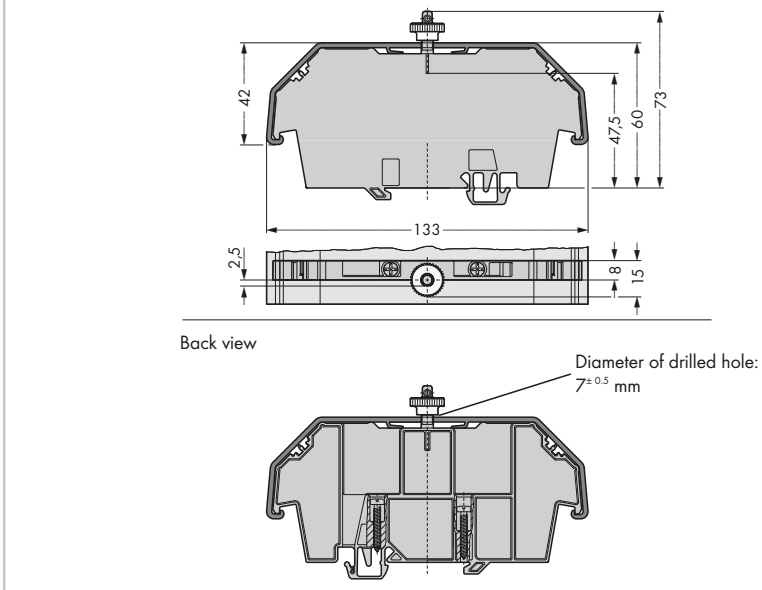
Cover with lead seals.
Using covers without lead seals, the thread dome-head can be broken off.

Transparent Covers for Rail-Mounted Terminal Blocks, Usable with Lead Seals
709 Series

Cover and cover carrier, type 1

	Item No.	Pack. Unit
Cover, type 1,		
suitable for cover carrier, type 1,		
1 m/3'3'' long		
transparent	**709-153**	10

	Item No.	Pack. Unit
Cover carrier, type 1,		
incl. mounting/securing screws and knurled nut,		
for 279 ... 282 Series and 880 Series rail-mount terminal blocks,		
for 264 Series miniature terminal blocks,		
for 270 Series sensor and acuator blocks		
gray	**709-167**	10



Dimensions in mm

Accessories

		Item No.	Pack. Unit
Marking card with 6 marking strips,			
	for group marking or safety instructions		
	plain	**709-183**	1
Spare mounting/securing screw,			
	for cover		
		209-196	200 (8x25)
Spare knurled nut,			
	for cover		
		210-549	100 (4x25)

Transparent Covers for Rail-Mounted Terminal Blocks, Usable with Lead Seals
709 Series

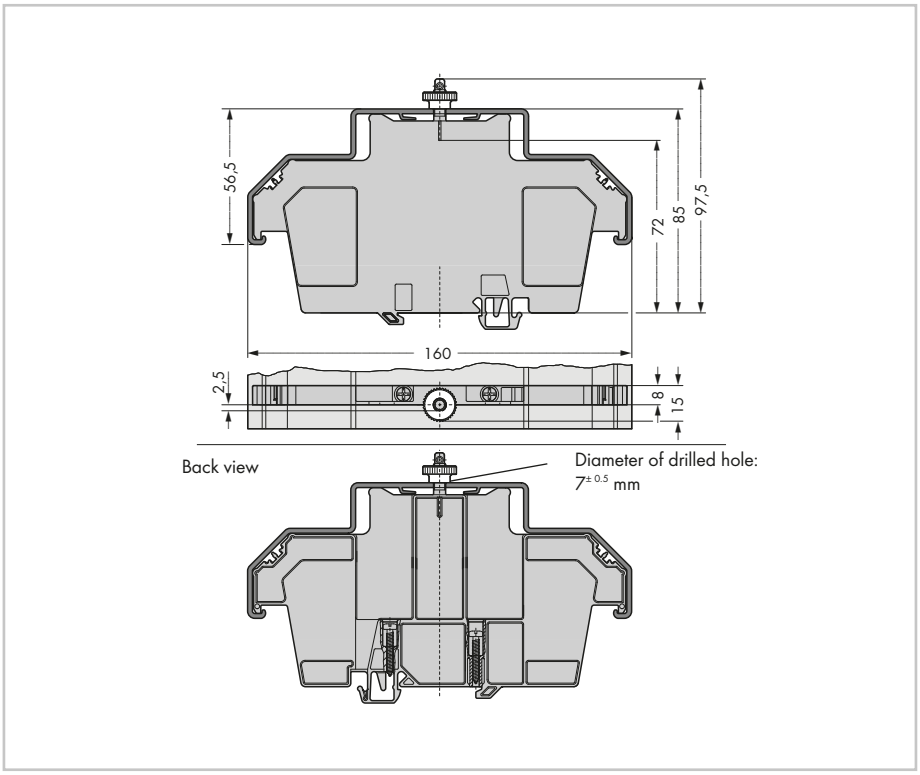
Cover and cover carrier, type 2

	Item No.	Pack. Unit
Cover, type 2,		
suitable for cover carrier, type 2,		
1 m/3'3'' long		
transparent	**709-154**	1

	Item No.	Pack. Unit
Cover carrier, type 2,		
incl. mounting/securing screws and knurled nut,		
for 283 ... 285 Series rail-mount terminal blocks,		
for 279 ... 281 Series double- and triple-deck blocks,		
for 780 ... 785, 775, 776 and 777 Series TOPJOB® terminals,		
for 280 Series sensor and actuator blocks,		
for 282 Series disconnect terminals for test and measurement for transformer circuits		
gray	**709-168**	10

Accessories

Marking card with 6 marking strips,			
	for group marking or safety instructions		
	plain	**709-183**	1
Spare mounting/securing screw,			
	for cover		
		209-196	200 (8x25)
Spare knurled nut,			
	for cover		
		210-549	100 (4x25)

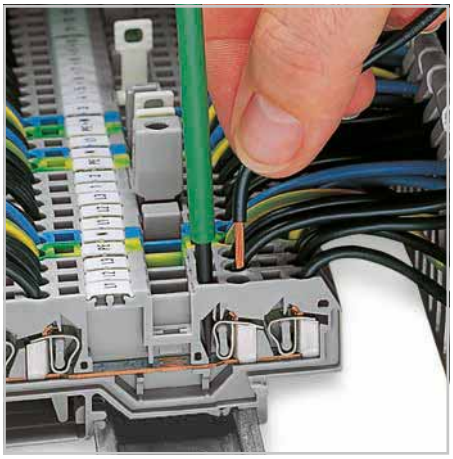


Dimensions in mm

Operating Tools

Operating tool with a partially insulated shaft	Operating tool	Allen wrench with a partially insulated shaft

Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Operating tool with a partially insulated shaft,		**Operating tool,**		**Allen wrench with a partially insulated shaft**	
type 1, (2.5 x 0.4) mm blade,		3.5 mm and 2.5 mm blade,			
for 279, 726, 727, 2000, 2001 and 2020 Series		for TOPJOB® S installation terminal blocks			
210-719	1	**2009-309**	50	**285-172**	1
Operating tool with a partially insulated shaft,		**Operating tool,**			
type 2, (3.5 x 0.5) mm blade,		3.5 mm and 5.5 mm blade,			
for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003, 2004, 2005 and 2022 Series		for TOPJOB® S installation terminal blocks			
210-720	1	**2009-310**	50		
Operating tool with a partially insulated shaft,					
type 3, (5.5 x 0.8) mm blade,					
for 282, 283, 284, 285, 782, 783, 784, 785, 2006, 2010 and 2016 Series					
210-721	1				



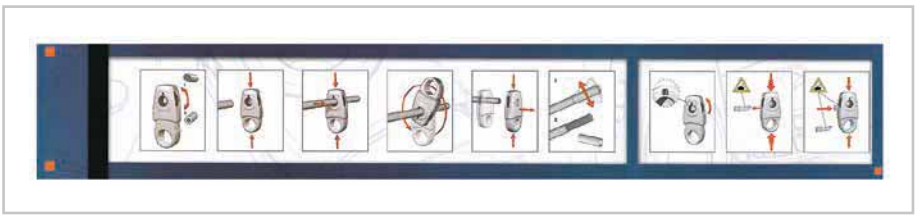
The blade dimensions of the above-listed operating tools with a partially insulated shaft are ideal for easy operation of front-entry terminal blocks.

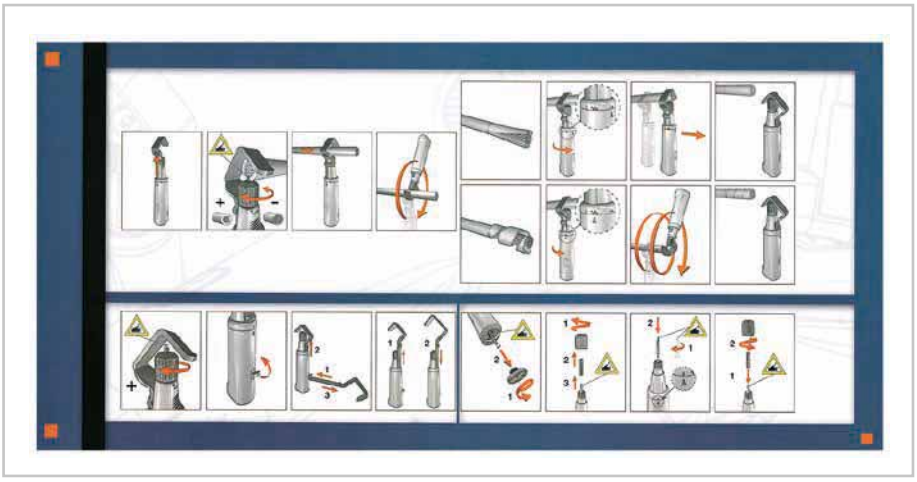
Open the clamping unit using an operating tool.

Cable Strippers

Cable stripper for round cables with an outer Ø from 2.5 mm ... 11 mm	Cable stripper for round cables with an outer Ø from 4.5 mm ... 45 mm

Item No.	Pack. Unit	Item No.	Pack. Unit
Cable stripper,		**Cable stripper,**	
for round cables with an outer Ø from 2.5 mm ... 11 mm		for round cables with an outer Ø from 4.5 mm ... 45 mm	
206-171	1	**206-174**	1
Item-Specific Accessories		**Item-Specific Accessories**	
Replacement blade,		**Replacement blade,**	
from 2.5 mm ... 11 mm **206-170**	1	from 4.5 mm ... 45 mm **206-173**	1





Operating instructions for 206-171 cable stripper (top) and 206-174 cable stripper (bottom)

206-171 Cable Stripper
- 10-position adjustment wheel ensures repeatable stripping results
- Fine adjustability via 10-position blade cutting depth adjustment
- Strips the sheath from multi-core and fiber optic cables up to 11 mm diameter
- Safe and easy to use through closed stripping cavity

206-174 Cable Stripper
- Safe and easy to use: Three locking positions for circular, longitudinal and spiral cuts
- High cable stripping capacity of up to 40 mm diameter
- Well balanced, ergonomic design features rests for thumb, index and pinky fingers to ease raising of the cable retention hook.
- Spare blades can be stored within the tool body

Stripping Tools

“Quickstrip 10” wire stripper 0.02 mm² ... 10 mm² “f-st” (6 mm² “s”) Cutter for conductors up to 10 mm² “f-st” (1.5 mm² “s”)	“Quickstrip 16” wire stripper 4 mm² ... 16 mm² Cutter for conductors up to 10 mm² “f-st” (1.5 mm² “s”)	

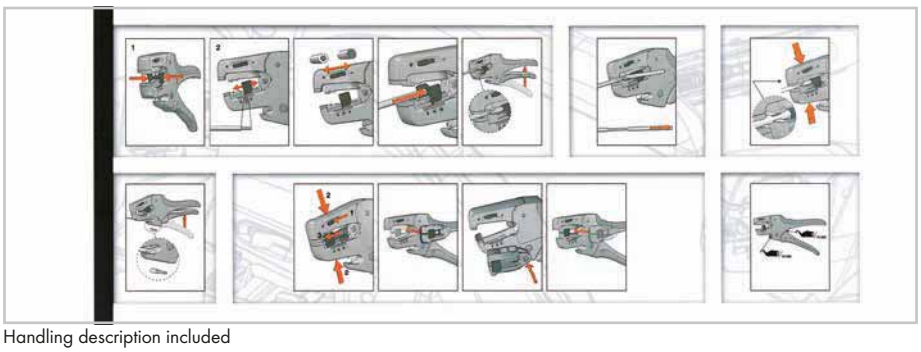
Item No.	Pack. Unit	Item No.	Pack. Unit	
“Quickstrip 10” wire stripper		“Quickstrip 16” wire stripper		
206-124	1	206-125	1	
Item-Specific Accessories		**Item-Specific Accessories**		
“Standard” blade cassette,		“Standard” blade cassette,		
 0.02 mm² ... 10 mm²		 4 mm² ... 16 mm²		
206-126	1	206-128	1	
“V” blade cassette,				
 0.1 mm² ... 4 mm² for PTFE				
206-127	1			

Cutting

Stripping

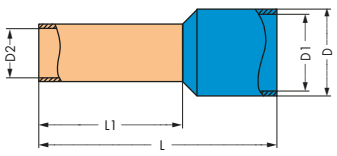
- Automatically adjusts to conductor size.
- No damage to conductor strands.
- Gripping pressure of jaws automatically adjusts to conductor insulation diameter.
- Clamping jaws and stripping blades automatically open once the stripping process is completed, ensuring no damage to the conductor strands.
- Exact strip length may be set by sliding red setting stop.
- Stripping blades can be replaced.
- Self-sharpening, fully protected cutter, also replaceable.*
- The complete body is made of glass fiber-reinforced polyamide.

* applies for Microstrip


Handling description included

TOPJOB® S
Ferrules for Rail-Mounted Terminal Blocks and Crimping Tools

Ferrule, insulated, tin-plated, electrolytic copper, gastight crimped	Variocrimp 4 crimping tool for insulated and uninsulated ferrules 0.25 mm² ... 4 mm²/AWG 24 ... 12	Variocrimp 16 crimping tool for insulated and uninsulated ferrules 6 mm² ... 16 mm²/AWG 10 ... 6



	Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Ferrule, insulated, according to DIN 46228, part 4/09.90			**Variocrimp 4 crimping tool,** 0.25 mm² ... 4 mm²/AWG 24 ... 12		**Variocrimp 16 crimping tool,** 6 mm² ... 16 mm²/AWG 10 ... 6	
white	**216-241**	1000	**206-204**	1	**206-216**	1
gray	**216-242**	1000				
gray	**216-262**	1000				
red	**216-243**	1000				
red	**216-263**	1000				
black	**216-244**	1000				
black	**216-264**	1000				
black	**216-284**	1000				
blue	**216-246**	1000				
blue	**216-266**	1000				
blue	**216-286**	1000				
gray	**216-267**	1000				
gray	**216-287**	500				
yellow	**216-208**	100				
yellow	**216-288**	500				
blue	**216-289**	500				
blue	**216-210**	100				

Ferrules

Technical Data

Ferrule, insulated,	**Ferrule, insulated,**	**Ferrule, insulated,**
sleeve for 0.5 mm²/AWG 22,	sleeve for 1 mm²/AWG 18,	sleeve for 1.5 mm²/AWG 16,
12 mm strip length,	12 mm strip length,	14 mm strip length,
L: 16 mm, L1: 10 mm,	L: 16 mm, L1: 10 mm,	L: 18 mm, L1: 12 mm,
D: 3.1 mm, D1: 2.6 mm, D2: 1 mm	D: 3.5 mm, D1: 3 mm, D2: 1.4 mm	D: 4 mm, D1: 3.5 mm, D2: 1.7 mm
white **216-241**	red **216-243**	black **216-264**
Ferrule, insulated,	**Ferrule, insulated,**	**Ferrule, insulated,**
sleeve for 0.75 mm²/AWG 20,	sleeve for 1 mm²/AWG 18,	sleeve for 1.5 mm²/AWG 16,
12 mm strip length,	14 mm strip length,	20 mm strip length,
L: 16 mm, L1: 10 mm,	L: 18 mm, L1: 12 mm,	L: 24 mm, L1: 18 mm,
D: 3.3 mm, D1: 2.8 mm, D2: 1.2 mm	D: 3.5 mm, D1: 3 mm, D2: 1.4 mm	D: 4 mm, D1: 3.5 mm, D2: 1.7 mm
gray **216-242**	red **216-263**	black **216-284**
Ferrule, insulated,	**Ferrule, insulated,**	**Ferrule, insulated,**
sleeve for 0.75 mm²/AWG 20,	sleeve for 1.5 mm²/AWG 16,	sleeve for 2.5 mm²/AWG 14,
14 mm strip length,	12 mm strip length,	12 mm strip length,
L: 18 mm, L1: 12 mm,	L: 16 mm, L1: 10 mm,	L: 17 mm, L1: 10 mm,
D: 3.3 mm, D1: 2.8 mm, D2: 1.2 mm	D: 4 mm, D1: 3.5 mm, D2: 1.7 mm	D: 4.7 mm, D1: 4.2 mm, D2: 2.2 mm
gray **216-262**	black **216-244**	blue **216-246**

Insert ferruled conductor into crimping station.

Squeeze handles until ratchet mechanism is released.

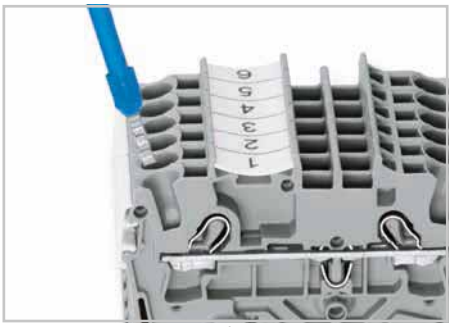
Application notes:

- With "Variocrimp 4," the built-in crimping pressure control automatically adjusts force to the conductor cross section used. With "Variocrimp 16," it is necessary to select the wire gauge on the tool before crimping.
- Only one crimping station is needed to handle the specified conductor size range.
- Uniform compact crimping from all four sides for high conductor retention.
- No need to center the conductor into the ferrule.
- Conductor and ferrule insertion possible from both sides (for left- and right-handers).
- Built-in ratchet mechanism ensures gastight crimp connection.
- Crimping tools open automatically after crimping operation is complete.
- Comfortable handles for operator.

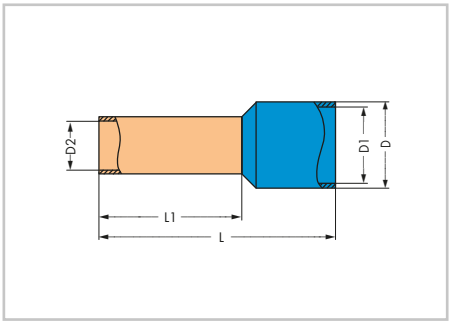
Ferrules

Technical Data

Ferrule, insulated,	**Ferrule, insulated,**
 Sleeve for 2.5 mm² / AWG 14, 14 mm strip length, L: 19 mm, L1: 12 mm, D: 4.7 mm, D1: 4.2 mm, D2: 2.2 mm blue **216-266**	 Sleeve for 10 mm² / AWG 8, 20 mm strip length, L: 28 mm, L1: 18 mm, D: 8.4 mm, D1: 7.6 mm, D2: 4.5 mm blue **216-289**
Ferrule, insulated,	**Ferrule, insulated,**
 Sleeve for 2.5 mm² / AWG 14, 20 mm strip length, L: 25 mm, L1: 18 mm, D: 4.7 mm, D1: 4.2 mm, D2: 2.2 mm blue **216-286**	 Sleeve for 16 mm² / AWG 6, 23 mm strip length, L: 29 mm, L1: 18 mm, D: 9.6 mm, D1: 8.8 mm, D2: 5.8 mm blue **216-210**
Ferrule, insulated,	
 Sleeve for 4 mm² / AWG 12, 14 mm strip length, L: 20 mm, L1: 12 mm, D: 5.4 mm, D1: 4.8 mm, D2: 2.8 mm gray **216-267**	
Ferrule, insulated,	
 Sleeve for 4 mm² / AWG 12, 20 mm strip length, L: 26 mm, L1: 18 mm, D: 5.4 mm, D1: 4.8 mm, D2: 2.8 mm gray **216-287**	
Ferrule, insulated,	
 Sleeve for 6 mm² / AWG 10, 14 mm strip length, L: 20 mm, L1: 12 mm, D: 6.8 mm, D1: 6.2 mm, D2: 3.5 mm yellow **216-208**	
Ferrule, insulated,	
 Sleeve for 6 mm² / AWG 10, 20 mm strip length, L: 26 mm, L1: 18 mm, D: 6.9 mm, D1: 6.3 mm, D2: 3.5 mm yellow **216-288**	



Stranded conductors with ferrules
from at least two sizes below the rated cross section up to the rated cross section can be simply pushed in – without tools.



For dimensions of insulated ferrules, see technical data.

Crimping Tools

Crimping tool 25 for insulated and uninsulated ferrules crimping range: 10 mm²/AWG 8, 16 mm²/ AWG 6 and 25 mm²/AWG 4	Crimping tool 50 for insulated and uninsulated ferrules crimping range: 35 mm²/AWG 2 and 50 mm²/AWG 1/0

Application notes
- Improved crimping for higher conductor retention
- The crimping can be done from either side (for left- or right-handed users)
- Built-in ratchet mechanism ensures gastight crimp connection
- The crimping tool automatically opens once the crimping process is completed
- Ergonomically designed handles

Item No.	Pack. Unit	Item No.	Pack. Unit
Crimping tool 25,		**Crimping tool 50,**	
crimping range: 10 mm²/AWG 8, 16 mm²/AWG 6 and 25 mm²/AWG 4		crimping range: 35 mm²/AWG 2 and 50 mm²/AWG 1/0	
206-225	1	**206-250**	1

Insert ferruled conductor into crimping station.

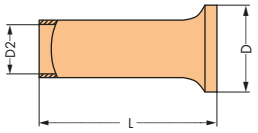
Squeeze handles until ratchet mechanism is released.

What is "gas-tight?"
In a gas-tight connection, the conductor and the ferrule are compressed together, eliminating all spaces. Under normal atmospheric conditions, neither a liquid nor a gaseous medium can penetrate into the crimped connection.
Oxidation between crimped single conductors is prevented, ruling out nearly any increase in the crimped connection resistance.
In some exceptional cases, minute, isolated spaces may be present.
These instances can be considered as closed off due to twisted wires, however.
Inadequate crimping can allow the conductor to be pulled out of the connection. Hollow spaces also remain in which oxidation can form and lead to an increase in contact resistance.

Elevated resistance is detrimental for signal transmission, as the signal flow is damped (weakened), and for power transmission, as power loss and, hence a temperature increase due to contact (risk of fire) can result.
Crimping tools with built-in ratchets are recommended, such as the WAGO Variocrimp tools.
These tools only open after the crimping process has been fully completed. Space-saving crimping from all four sides is ideal for spring clamp termination.
Cross section data for ferruled conductors indicated for WAGO products is based on this crimping method.

Cable Cutter and Uninsulated Ferrules

Cable cutter	Ferrule, uninsulated, tin plated, electrolytic copper, gastight crimped



Item No.	Pack. Unit
Cable cutter,	
cutting Cu and Al conductors up to 35 mm²	
206-118	1

Item No.	Pack. Unit
Ferrule, uninsulated	
216-413	50
216-414	50
216-424	50
216-425	50
216-435	50

Ferrules

Technical Data

Ferrule, uninsulated,
sleeve for 25 mm²/AWG 4,
25 mm strip length,
L: 25 mm,
D: 9.5 mm, D2: 7.3 mm
216-413

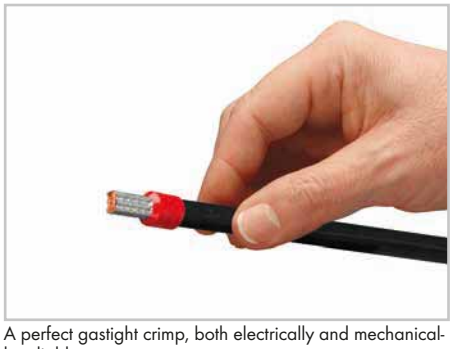
Ferrule, uninsulated,
sleeve for 35 mm²/AWG 2,
25 mm strip length,
L: 25 mm,
D: 11 mm, D2: 8.3 mm
216-414

Ferrule, uninsulated,
sleeve for 35 mm²/AWG 2,
30 mm strip length,
L: 30 mm,
D: 11 mm, D2: 8.3 mm
216-424

Ferrule, uninsulated,
sleeve for 50 mm²/AWG 1,
30 mm strip length,
L: 30 mm,
D: 13 mm, D2: 10.3 mm
216-425

Ferrule, uninsulated,
sleeve for 50 mm²/AWG 1,
35 mm strip length,
L: 35 mm,
D: 13 mm, D2: 10.3 mm
216-435


Cutting a conductor.


A perfect gastight crimp, both electrically and mechanically reliable.

Test and Measurement Tools

Profi LCD+	Profi LED+
	

Item No.	Pack. Unit
Profi LCD+,	
2-pole voltage tester with LCD display,	
removable test probes, 4 mm Ø	
Measuring range: 6 V ... 1000 V AC/DC	
Degree of protection: IP65	
Resistance measurement: up to 2000 Ω	
206-807	1

Item No.	Pack. Unit
Profi LED+,	
2-pole voltage tester with LED display,	
removable test probes, 4 mm Ø	
Measuring range: 6 V ... 1000 V AC/DC	
Degree of protection: IP65	
Resistance measurement: up to 2000 Ω	
206-806	1

Item-Specific Accessories

Spare test probes,

4 mm Ø (2 pieces)

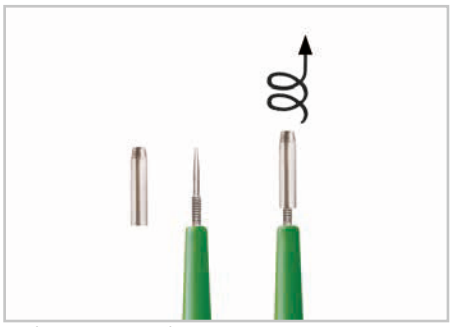
206-808	25

Item-Specific Accessories

Spare test probes,

4 mm Ø (2 pieces)

206-808	25



Profi LCD+ and Profi LED+
- Improved socket contact via 4 mm Ø test probes
- Removable test probes for small test ports (suitable for all WAGO terminal blocks)

Additional product features for Profi LCD+:
- Automatic measurement range selection
- Single-pole phase testing AC >100 V
- Two-pole sequence testing (R and L)
- Continuity testing
- FI/RCD testing (30 mA) via buttons
- One-hand operation for SCHUKO and CEE sockets
- LED torch lamp function
- Automatic backlight
- Auto power-Off function
- CAT IV 1000 V
- IEC/EN 61243-3 (DIN VDE 0682-401)

Additional product features for Profi LED+:
- Automatic measurement range selection
- Single-pole phase testing AC >100 V
- Two-pole sequence testing (R and L)
- Continuity testing
- FI/RCD testing (30 mA) via buttons
- One-hand operation for SCHUKO and CEE sockets
- LED torch lamp function
- CAT IV 1000 V
- TÜV/GS tested and approved
- IEC/EN 61243-3 (DIN VDE 0682-401)

Test and Measurement Tools and Testboy

Multi-Tester	Clamp-Multi-Tester	Testboy

Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Multi-Tester,		**Clamp-Multi-Tester,** digital clamp meter		**Testboy,** with integrated flashlight	
Digital multimeter with contact-less voltage tester,		DC and AC current up to 600 A		Voltage range: 12 ... 1000 V AC	
Includes: carrying case		- True RMS and min./max. value measurement			
Measuring range: AC/DC 600 V AC/DC 10 A		- DC and AC voltage up to 600 V			
Resistance measurement: up to 20 MΩ		- Manual or automatic selection of measurement range			
		- Resistance up to 60 MΩ, Capacitance measurement			
		- Acoustical continuity test			
		- Diode test, Data hold function			
		- Large LCD with backlight, LED measuring point lighting			
		- CAT III 600 V overvoltage protection, IEC/EN 61010-1 (DIN VDE 0411)			
		- Including batteries			
		- measurement leads and carrying bag			
206-810	1			**206-804**	1
Item-Specific Accessories					
		206-816	1		
Replacement test leads,					
red/black					
206-811	1				

Additional product features for Multi Tester:
- Contact-less voltage test AC >100 V (optical and acoustical)
- Resistance measurement up to 20 MΩ
- Acoustical continuity test
- Diode test
- Data hold function
- Auto power-off function
- LED torch lamp function
- CAT IV 600 V
- TÜV/GS tested and approved
- IEC/EN 61010-1 (DIN VDE 0411)

Voltage testing in switchgear cabinet

Current measurement in switchgear cabinet

A device that will reliably detect AC voltage in cables, sockets, fuses, switches, outlets, etc.

Testboy can detect the following:
- live conductors
- cable breaks
- blown fuses (in cartridge or holder)
- defective switches
- defective lamps

Item Number Index

Item Number Index

Item Number Index

WAGO Worldwide – Companies and Representatives –

Algeria
please contact WAGO France

Argentina
Bruno Schillig S.A.
Arenales 4030, B1604CFD
Florida, PBA
Phone +54 11 4730 1100
Fax +54 11 4761 7244
wago@schillig.com.ar

Australia
WAGO Pty. Ltd.
2-4 Overseas Drive
Noble Park, Victoria, 3174
Tel. +61 03 8791 6300
Fax +61 03 9701 0177
sales@wago.com.au

NHP ELECTRICAL ENGINEERING PRODUCTS PTY LTD
43-67 River Street
Richmond, Victoria, 3121, P.O. Box 199
Phone +61 3 9429 2999
Fax +61 3 9429 1075
export@wago.com

Austria
WAGO Kontakttechnik Ges.m.b.H.
Campus 21, Europaring F15 602
2345 Brunn am Gebirge
Phone +43 1 6150780
Fax +43 1 6150775
info.at@wago.com

Azerbaijan
AZ Technics LTD
Zulfi V. Alizade
Y.Safarov str.33 , AZ1025,
Baku
Republic of Azerbaijan
Tel. +994 12 4968335
Fax +994 12 4968334
info@AZtechnics.az

Bangladesh
please contact WAGO India

Belarus
OOO FEK
pr-t Pushkina 29-B
220015 Minsk
Phone +375 17 2102189
Fax +375 17 2102189
wago@fek.by

UE ATAVA
ul. Denisovskaya, 47, office 1
220006 Minsk
Phone +375 17 2054015
Fax +375 17 2851759

Belgium
WAGO BeLux nv
Excelsiorlaan 11
1930 Zaventem
Tel. +32 2 717 9090
Fax +32 2 717 9099
info-be@wago.com

Bolivia
ISOTEK S.R.L.
Zona Casco Viejo
Calle Isso #578, B/San Roque
Santa Cruz
Tel. +591 721 000 27

Bosnia and Herzegovina
please contact WAGO Bulgaria

Brazil
WAGO Eletroeletrônicos Ltda
Rua Américo Simões 1470
São Roque da Chave
Itupeva SP Brasil 13295-000
Phone +55 11 4591 0199
Fax +55 11 4591 0190
info.br@wago.com

Bulgaria
WAGO Kontakttechnik GmbH & Co. KG/
Representative Office Sofia
Business Center Serdika
2E Akad. Ivan Geshov Blvd.
Building 1, Floor 4, Office 417
1330 Sofia
Tel. +359 2 489 46 09
Fax +359 2 928 28 50
info-BG@wago.com

Canada
please contact WAGO USA

Chile
Desimat Chile
Av Puerto Vespucio 9670
Pudahuel Santiago
Phone +56 2 7470152
Fax +56 2 7470153
ventaschile@desimat.cl

China
WAGO ELECTRONIC (TIANJIN) Co. LTD
No.5, Quan Hui Road
Wuqing Development Area
Tianjin 301700
Phone +86 22 59617688
Fax +86 22 59617668
info-cn@wago.com

Columbia
T.H.L. Ltda.
Cra. 49 B # 91-33
Bogotá
Phone +57 1 621 85 50
Fax +57 1 621 60 28
ventas-thl@thl-ltda.com

Croatia
M.B.A. d.o.o.
Frana Supila 5
51211 Matulji
Tel. +385 51 275-736
Fax +385 51 275-066
mba@ri.htnet.hr

MICROSTAR d.o.o.
Siget 18 b
10020 Zagreb
Tel. +385 1 3647 849
Fax +385 1 3636 662
wago@microstar.hr

Czech Republic
WAGO Elektro spol. sr. o.
Rozvodova 1116/36
143 00 Praha 4 - Modřany
Phone +420 261 090 143
Fax +420 261 090 144
info.cz@wago.com
wago-cz@wago.com

Denmark
WAGO Danmark A/S
Filial of WAGO Kontakttechnik GmbH & Co. KG
Lejrvej 17
3500 Værløse
Tel. +45 44 357 777
info.dk@wago.com

Ecuador
ECUAINSETEC CIA LTDA
El Zurriago E9-32 y el Vengador
Quito
Tel. +593 2 2 26 91 48
Fax +593 2 2 46 18 33
g.castro@ecuainsetec.com.ec

Egypt
IBN Engineering Instrumentation & Control
71 a El Shaheed Ahmed Hamdi St.
King Faisal, Giza
Phone +20 2 7214350
Fax +20 2 7221709
sales@ibnengineering.com

Estonia
Eltarko OÜ
Laki 14 - 502
10621 Tallinn
Phone +372 651 7731
Fax +372 651 7786
andres@eltarko.ee

Finland
WAGO Finland Oy
Vellamonkatu 30 B
00550 Helsinki
Tel. +358 9 7744 060
Fax +358 9 7744 0660
tilaus@wago.fi

France
WAGO CONTACT SAS
Paris Nord 2
83 Rue des Chardonnerets
B.P. 55065 - Tremblay en France
95947 - ROISSY CDG CEDEX
Phone +33 1 48172590
Fax +33 1 48632520
info-fr@wago.com

Germany
WAGO Kontakttechnik GmbH & Co. KG
Postfach 28 80, 32385 Minden
Hansastraße 27
32423 Minden
Phone +49 571 887-0
Fax +49 571 887-169
info@wago.com

WAGO Kontakttechnik GmbH & Co. KG
Waldstraße 1
99706 Sondershausen
Phone +49 3632 659-0
Fax +49 3632 659-100
info@wago.com

Great Britian
WAGO Limited
Triton Park, Swift Valley Industrial Estate
RUGBY
Warwickshire, CV21 1SG
Phone +44 1788 568008
Fax +44 1788 568050
uksales@wago.com

Greece
PANAGIOTIS SP. DIMOULAS - BIOMAT
DIMOULAS AUTOMATIONS
Kritis Str. 26
10439 Athen
Tel. +30 210 883 3337
Fax +30 210 883 4436
wago.info@dimoulas.com.gr

Honduras
CILASAS S.A. de C.V.
Barrio Los Andes
7 Calle entre 14 y 15 Ave. N.O.
P.O. Box. 1061
San Pedro Sula
Tel. +504 25571146/7
Fax +504 25571149

Hong Kong
National Concord Eng., Ltd.
Unit A-B, 5/F.
Southeast Industrial Building
611-619 Castle Peak Road
Tsuen Wan, N.T.
Phone +852 24292611
Fax +852 24292164
sales@nce.com.hk

Hungary
WAGO Hungária KFT
Ipari Park, Gyár u. 2
2040 Budapest
Phone +36 23 502-170
Fax +36 23 502-166
info.hu@wago.com

Iceland
S. Gudjonsson ehf.
Audbrekku 9-11
202 Kopavogur
Phone +354 520-4500
Fax +354 520-4501
export@wago.com

India
WAGO Private Limited
C-27, Sector-58, Phase-III
Noida-201 301
Gautam Budh Nagar (U.P)
Tel. +91 120 438 8700
Fax +91 120 438 8799
info.india@wago.com

Indonesia
please contact WAGO Singapore

Iraq
please contact WAGO Middle East

Ireland
Drives & Controls
Unit F4, Riverview Business Park
Nangor Road
Dublin 12
Phone +353 1 4604474
Fax +353 1 4604507
wago@drivesandcontrols.ie

Israel
Comtel Israel Electronic Solutions Ltd.
Bet Hapaamon
20 Hataas Street
P.O. Box 66
44425 Kefar-Saba
Phone +972 9 76 77 240
Fax +972 9 76 77 243
sales@comtel.co.il

Italy
WAGO ELETTRONICA SRL a Socio Unico
Via Parini 1
40033 Casalecchio di Reno (BO)
Tel. +39 051 6132112
Fax +39 051 6272174
info-ita@wago.com

Japan
WAGO Co. of JAPAN Ltd.
Kinshicho Prime Tower
5-7, Kameido, Koto-Ku
Tokyo 136-0071
Tel. +81 3 5627 2059
Fax +81 3 5627 2055
info-jp@wago.com

Jordan
please contact WAGO Middle East

Kazakhstan
TOO INTANT
232/2, Ryskulov avenue
050061 Almaty
Tel. +7 727 356 52 91/92/93
Fax +7 727 327 14 92/93
ee@intant.net
ees_sm1@intant.net

TOO Technik-Trade
ul. i. A. Protosanova, 81
070004 Ust-Kamenogorsk
Tel. +7 7232 254 064
Fax +7 7232 253 251
info@technik.kz

Korea
WAGO Korea Co., Ltd.
Room205 AnyangMegaValley,
268, Hagui-ro, Dongan-gu, Anyang-si,
Gyeonggi-do, 14056, South Korea
Tel. +82 31 420 2470
info.korea@wago.com

Kosovo
please contact WAGO Bulgaria

Latvia
INSTABALT LATVIA SIA
Vestienas iela 6
Rīga, LV-1035
Phone +371 790 1188
Fax +371 790 1180
info@instabalt.lv

Lebanon
Gemayel Trading & Contracting
Antonins Project
P.O. BOX 70-1096
Antelias
Lebanon
Tel. +961 4 521 029
Fax +961 4 521 029
indo@uae.com

Lithuania
INSTABALT LIT UAB
Savanorių 187
Vilnius, 2053
Phone +370 52 322 295
Fax +370 52 322 247
info@instabalt.lt

Luxembourg
please contact WAGO Belgium

Macedonia
please contact WAGO Bulgaria

Kompjunet Inzenering
Vladimir Komarov 1A-3/9
1000 Skopje
Republic of Macedonia
Tel. +389 2 521 12 00
Tel. +389 2 246 11 08

Malaysia
WAGO Representative Office Malaysia
No 806, Block A4, Leisure Commerce Square,
No 9, Jalan PJS 8/9, 46150 Petaling Jaya,
Selangor Darul Ehsan, Malaysia
Tel. +60 3 7877 1776
Fax +60 3 7877 2776
kian.guan.tan@wago.com

HPH Materials (M) Sdn Bhd
No. 4, Jalan Nilam 1/6
Suban Hi-Tech Industrial Park
40000 Shah Alam
Selangor, D.E. Malaysia
Tel. +60 3 5638 2213
Fax +60 3 5638 8213
info@hphmaterials.com

Mexico
WAGO SA de CV
Av. Del Marques 38 Bodega 3
P. I. Bernardo Quintana
76240 El Marques, Querétaro
Phone +52 442 221 5946
Fax +52 442 221 5063
Toll-Free: 001-800-309-5975
info.mx@wago.com

Moldova
Electroservice Slavinschi T.T.
str. Bolgarskaia 9, office 6
2001 Kishinev
Phone +373 22 274427
Fax +373 22 224481
es@es.mldnet.com

Morocco
Automatisme & Connection Maroc
23, Rue Boured
2ème étage, appt4
Roche Noire
20300 Casablanca
Tel. +212 522 24 21 72/73
Fax +212 522 24 21 75

Nepal
please contact WAGO India

Netherlands
WAGO Nederland B.V.
Laan van de Ram 19
7234 BW APELDOORN
Tel. +31 55 36 83 500
Fax +31 55 36 83 599
info-nl@wago.com

New Zealand
please contact WAGO Australia

Nigeria
GIL Automations Ltd.
Daily Times Complex
2 Lateef Jakande Rd., Agidingbi
100271 Ikeja, Lagos State
Tel. +234 17132672335
sales@gilautomation.com

Norway
WAGO Norge NUF
Jerikoveien 20
1067 Oslo
Phone +47 22 30 94 50
Fax +47 22 30 94 51
info.no@wago.com

Oman
please contact WAGO Middle East

Pakistan
FuziLogiX Automation & Control
Suit No. 14, 5th Floor, Shan Arcade
New Garden Town, Lahore
Pakistan
Phone +92 42 594 1503 - 4
Fax +92 42 585 1431
info@fuzilogix.com

Peru
Manufacturas Eléctricas S.A.
Av O.R. Benavides 1215
15000 Lima
Tel. +511 6196200
Fax +511 6196247

Philippines
please contact WAGO Singapore

Poland
WAGO ELWAG sp. z o. o.
ul. Piękna 58 a
50-506 Wrocław
Phone +48 71 3602970
Fax +48 71 3602999
wago.elwag@wago.com

Portugal
MORGADO & CA. LDA - SEDE
Estrada Exterior da
Circunvalação 3558/3560
Apartado 1057
4435 Rio Tinto
Phone +351 22 9770600
Fax +351 22 9770699
geral@morgadocl.pt

Quatar
please contact WAGO Middle East

Romania
WAGO Kontakttechnik GmbH & Co. KG/
Representative Office Bukarest
Str. Nicolae G. Caramfil Nr. 26
Bl. 1D, Et. 3, Ap. 7, Sect. 1, OP 52
014144-Bucuresti
Tel. +40-(0)31 421 85 68
info-RO@wago.com

VDR & Servicii srl
Str. Valeriu Braniște, nr. 60, ap.1, sector 3
Romania
Tel. +40 21 3225074/76
Fax +40 21 3225075
office@componente-automatizari.ro

Russia
OOO WAGO Contact Rus
Dmitrovskoe shosse, 157,
bldg. 12/5
127411 Moscow
Russia
Phone +7 495 663-3305
Fax +7 495 663-3308
info.ru@wago.com

OOO Decima
Projesd 4922, d. 4, str. 1
124460 Moscow / Selenograd
Tel. +7 495 988 4858
Fax +7 495 988 4858

ITC Electronics: Moscow
Radio str. 24
105005 Moscow
Tel. +7 495 775 1845
Fax +7 495 775 1848
moscow@itc-electronics.com

WAGO Branch office
Ekaterinburg
Tel. +7 343 216 3426

WAGO Branch office
Novosibirsk
Tel. +7 383 217 9244

WAGO Branch office
St. Petersburg
Tel. +7 812 312 1918

Saudi Arabia
Saudi Electronic Trading Company (SETRA)
P.O. Box 60712
11555-Riyadh
Tel. +966 1 2062277
Fax +966 1 2062277
khaled.wafai@setra.com.sa

Serbia
please contact WAGO Bulgaria

Avalon Partners doo
Patrijarha Dimitrija 24
11000 Beograd
Tel. +381 11 2685311
Fax +381 11 2685311
office@avalon.rs

Sigma doo
Balzakova 3
21000 Novi Sad
Tel. +381 21 468431
Fax +381 21 6361785
office@sigmadoo.co.rs

Singapore
WAGO Electronic Pte Ltd
No. 10 Upper Aljunied Link #04-04
Singapore 367904
Tel. +65 62866776
Fax +65 62842425
info-sing@wago.com

Slovakia
Proelektro spol. s r.o.
Na barine 22
841 03 Bratislava - Lamač
Tel. +421 2 4569 2503
info@wago.sk

Slovenia
IC elektronika d.o.o.
Vodovodna cesta 100
1000 Ljubljana
Tel. +386 1568 0126
Fax +386 1568 9107
info@ic-elect.si

GENERA d.o.o.
Prevale 10
1236 Trzin
Tel. +386 14393050
Fax +386 14393090
genera@genera.si

South Africa
Shorrock Automation (Pty) Ltd
Postnet Suite # 219
Private Bag X 8,Elardus Park
0047 PRETORIA
Tel. +27 12 4500300
Fax +27 12 4500322
sales@shorrock.co.za

Spain
DICOMAT S.L.
Avda. de la Industria, 36
Apartado Correos, 1.178
28108 - Alcobendas (Madrid)
Phone +34 91 6621362
Fax +34 91 6610089
info@dicomat.com

Sri Lanka
please contact WAGO India

Sweden
WAGO Sverige AB
Tyskland Filial
Box 11127, 161 11 BROMMA
Besöksadress: Adolfsbergsv. 31
Tel. +46 858410680
Fax +46 858410699
info.se@wago.com

Switzerland
WAGO CONTACT SA
Rte. de l'Industrie 19
Case Postale 168
1564 Domdidier
Phone +41/26 676 75 00
Fax +41/26 676 75 01
info.switzerland@wago.com

Syria
Zahabi Co.
8/5 Shouhadaa St., P.O. Box 8262
Aleppo
Phone +963 21 21 22 235 / 6
Fax +963 21 21 24 768
info.uae@wago.com

Taiwan R.O.C.
WAGO Contact, Ltd.
5F., No.168, Jiankang Rd
Zhonghe City
Taipei County 23585, Taiwan
Phone +886 2 22250123
Fax +886 2 22251511
info.taiwan@wago.com

Thailand
WAGO Representative Office Thailand
4th Floor, KS Building
213/6-8 Rachada-Phisek Road
Dingdaeng, Bangkok 10400
Tel. +66 2 6935611
Fax +66 2 6935612
warongkon.khankham@wago.com

US Power Distribution Co., Ltd.
4th Floor, KS Building
213/6-8 Rachada-Phisek Road
Dingdaeng, Bangkok 10400
Tel. +66 2 2763040
Fax +66 2 2763049
uspower2014@gmail.com

Tunisia
please contact WAGO France

Turkey
WAGO Elektronik Sanayi ve Ticaret Ltd. Şti.
Yukarı Dudullu Mahallesi Bayraktar Bulvarı
Cad. Hattat Sok. No. 10
34775 Umraniye - Istanbul
Tel. +90 216 472 1133
Fax +90 216 472 9910
info.tr@wago.com

Ukraine
NPP Logicon
Predslavinskaya street, 39, office 303
03150 Kiev
Tel. +380 44 5228019
Fax +380 44 2611803
info@logicon.ua

OOO Micropribor
ul. Kotelnikova, 4
03115 Kiev
Tel. +380 44 5369386
Fax +380 44 5369387
sales@micropribor.kiev.ua

United Arab Emirates (UAE)
WAGO Middle East (FZC)
SAIF Zone, Q4-282
P.O. Box: 120665
Sharjah, UAE
Phone +971 6 5579920
Fax +971 6 5579921
info.uae@wago.com

Uruguay
Fivisa Electricidad
Avda. Urugay 1274
11100 Montevideo
Tel. +59 829 020 808
Fax +59 829 021 230
info@fivisa.com.uy

USA
WAGO CORPORATION
N120 W19129 Freistadt Road
Germantown, WI 53022
Tel. +1 262 255 6222
Fax +1 262 255 3232
Toll-Free: 1-800 DIN Rail (346-7245)
info.us@wago.com

Venezuela
PETROBORNAS, C.A.
C.C. PLAZA AEROPUERTO - PISO 1 - LOCAL P1 - B - 03
(8015) UNARE - PUERTO ORDAZ - ESTADO BOLÍVAR
REPÚBLICA BOLIVARIANA DE VENEZUELA
Tel. +58 286 951 3382
Fax +58 286 951 3382
info@petrobornas.com

Vietnam
please contact WAGO Germany (Minden)

Version: 10/2015
Current addresses at www.wago.com

Notes

Notes

Notes

Notes

WE INNOVATE!

WAGO Kontakttechnik GmbH & Co. KG
Postfach 2880 · D · 32385 Minden
Hansastraße 27 · D · 32423 Minden
info@wago.com
www.wago.com

Headquarters	+49 571 887 - 0
Sales	+49 571 887 - 222
Order Service	+49 571 887 - 333
Fax	+49 571 887 - 169

0888-2002/0200-6901 - Catalog TOPJOB®S 2016 US - 02/2016-00 - Printed in Germany - Subject to design changes