



TOPJOB® S

The Rail-Mounted Terminal Block System

WAGO®

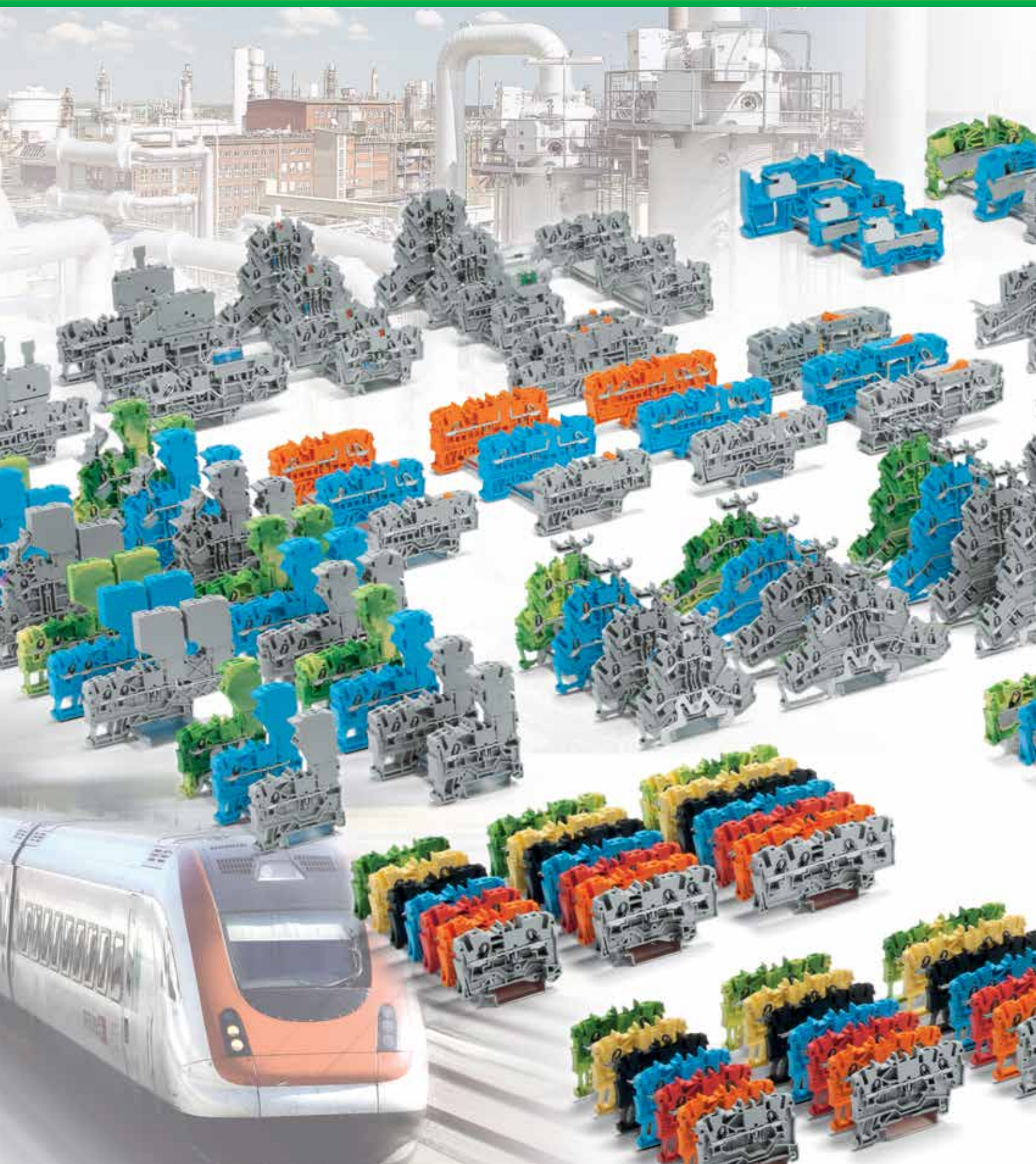


• The range of rail-mounted terminal blocks for a perfect electrical installation

Largest portfolio of rail-mounted terminal blocks	4
TOPJOB®S technology	6
Smallest to the largest	8
<i>smartPRINTER™</i> by WAGO	10
TOPJOB®S jumper system	12
XCOM®S pluggable system	14
Special function terminal blocks	16
TOPJOB®S benefits at a glance	18
Rail-mounted terminal blocks 16 AWG / 1.0 (1.5) mm ²	20
Rail-mounted terminal blocks 14 AWG / 1.5 (2.5) mm ²	21
Rail-mounted terminal blocks 12 AWG / 2.5 (4) mm ²	23
Rail-mounted terminal blocks 10 AWG / 4 (6) mm ²	24
Rail-mounted terminal blocks 8 AWG / 6 (10) mm ²	25

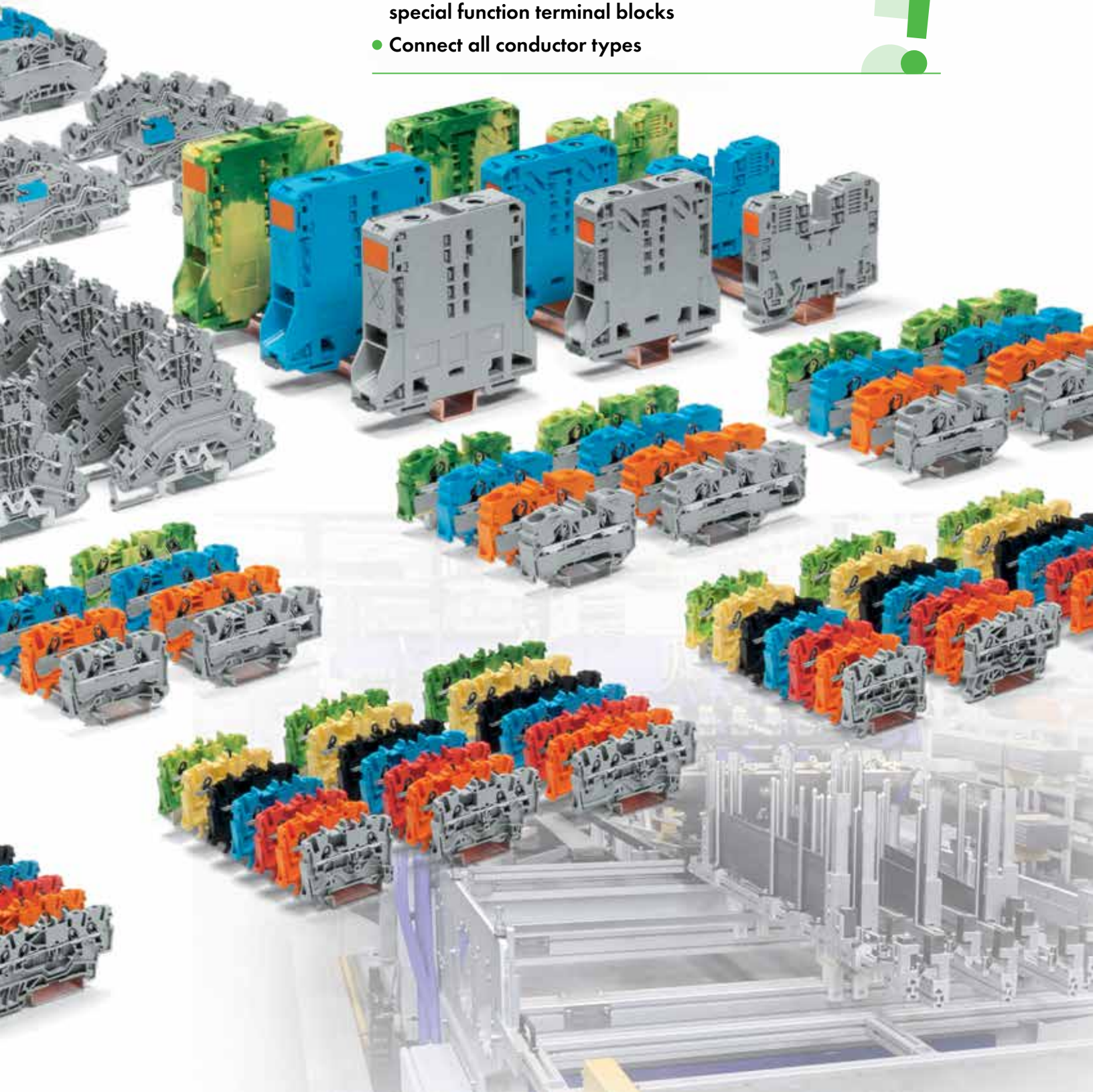
Rail-mounted terminal blocks 6 AWG / 10 (16) mm ²	26
Rail-mounted terminal blocks 4 AWG / 16 (25 "f-st") mm ²	27
35° Rail-mounted terminal blocks 12 AWG / 2.5 (4) mm ²	28
Test plug adapter and testing tap, push-in type wire jumpers, motor configuration jumpers	29
Vertical jumpers, colored jumpers, endless jumpers	30
Modular connectors	31
Double deck terminal blocks 16 AWG / 1 (1.5) mm ²	35
Double deck terminal blocks 12 AWG / 2.5 (4) mm ²	37
Double deck terminal blocks: 4 conductors per deck	39
Triple deck terminal blocks 12 AWG / 2.5 (4) mm ²	40
Motor terminal blocks 12 AWG / 2.5 (4) mm ²	41
Disconnect terminal blocks for test and measurement 12 AWG / 2.5 (4) mm ²	44
Double deck disconnect terminal blocks for test and measurement 12 AWG / 2.5 (4) mm ²	47, 54
Fuse terminal blocks 12 AWG / 2.5 (4) mm ²	48

Double deck fuse and disconnect blocks 12 AWG / 2.5 (4) mm ²	54
Disconnect terminal blocks for test and measurement 8 AWG / 6 (10) mm ²	57
Fuse terminal blocks 8 AWG / 6 (10) mm ²	60
Plug-in component modules	66
Diode and LED terminal blocks 14 AWG / 1.5 (2.5) mm ²	72
Diode and LED terminal blocks 12 AWG / 2.5 (4) mm ²	73
Double deck diode and LED terminal blocks 12 AWG / 2.5 (4) mm ²	74
Triple deck diode and LED terminal blocks 12 AWG / 2.5 (4) mm ²	76
X-COM®S terminal blocks 16 AWG / 1.0 (1.5) mm ²	80
X-COM®S terminal blocks 12 AWG / 2.5 (4) mm ²	86
Oversized end plates/separators	92
Mounting accessories and stickers for operating instructions	93
Ferrules and crimping tools	94
Marking of terminal blocks	96
List of approvals	102



The Industry's Largest Portfolio for Industrial, Process and Transportation Applications

- Industry's widest range of conductor sizes:
24 AWG - 350 kcmil (0.14–185 mm²)
- Comprehensive range of feed-through and
special function terminal blocks
- Connect all conductor types



TOPJOB®S – Vibration-Proof,

WAGO – The Spring Pressure



Simply pushed in!

Simple, push-in termination of
solid and ferruled conductors –
no operating tool needed



Save time!

Reduce wiring time by
up to 75%



Always reliable!

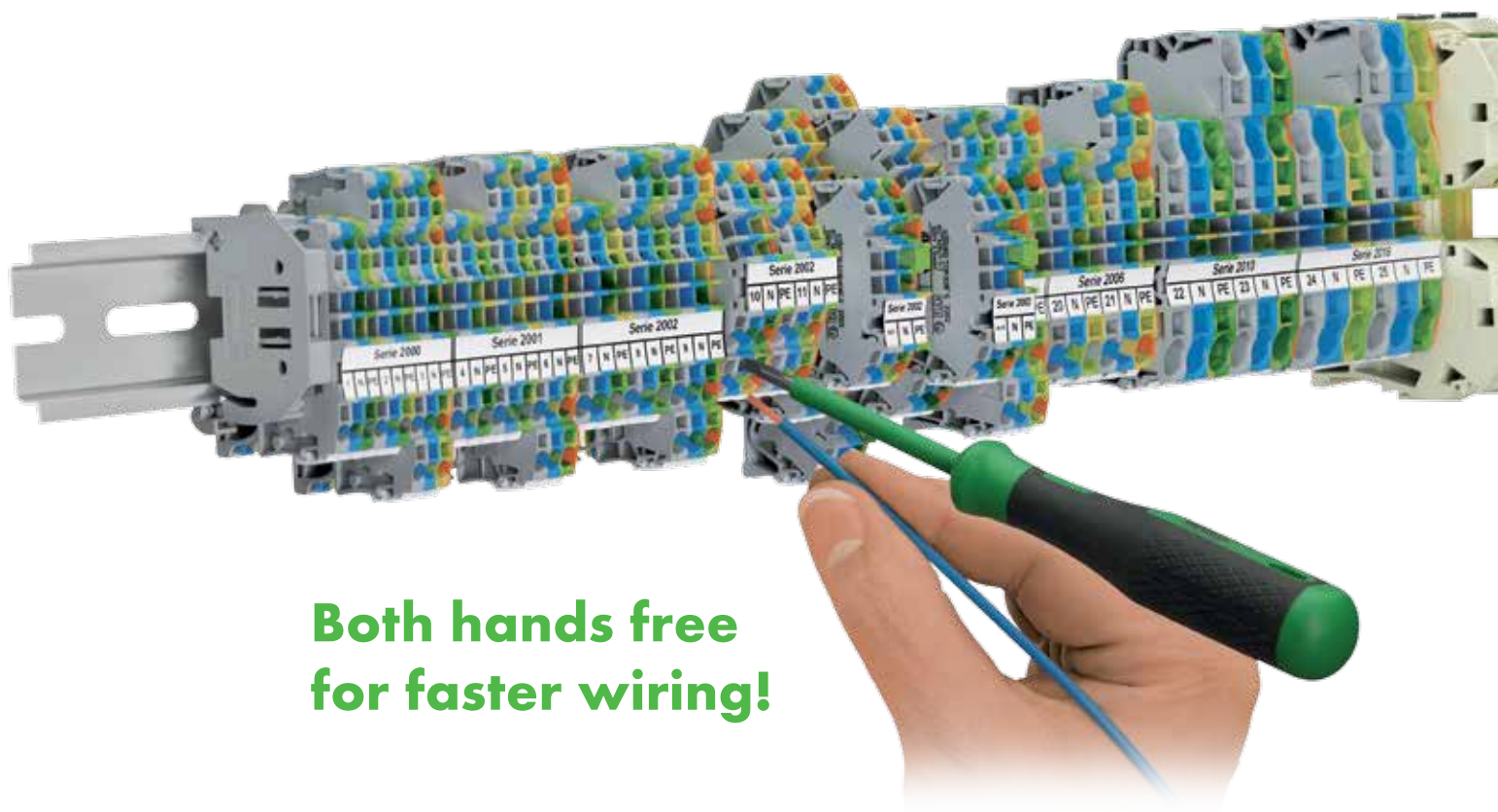
Just like the original CAGE CLAMP® (patented in 1977),
TOPJOB®S with CAGE CLAMP®S ensures reliability with
spring pressure connection technology that automatically
adjusts for environmental influences such as temperature
cycling and vibration



Fast, Maintenance-Free Connection Technology

What does this mean for you?

- Maintenance-free connections – wire it once and forget it
- Wiring independent of operator skill – no torque values or special tools needed
- Eliminate service calls due to loose connections
- Corrosion-resistant, gas-tight connections for corrosive atmospheres



**Both hands free
for faster wiring!**

- CAGE CLAMP®S for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Once inserted, the operating tool holds the spring open allowing the use of both hands for wiring



POWER CAGE CLAMP®

- The industry's first and only spring pressure terminal block for 350 kcmil
- See www.wago.us/powercageclamp.htm

The Smallest, the Biggest and Always the Right Terminal Blocks

The Smallest

- Maximizes cabinet space
- Up to 16 AWG (1.5 mm²) at 600V/10A



The Biggest

- Wire size up to 350 kcmil (185 mm²)
- Terminate large conductors with a single turn
- 8 - 2 AWG (35 mm²) up to 600V/115A
- 8 AWG - 2/0 (50 mm²) up to 600V/150A
- 4 AWG - 4/0 (95 mm²) up to 600V/200A
- 1/0 - 350 kcmil (185 mm²) up to 1000V/310A

And In Between

- Including feed-through, ground, double deck, triple deck, pluggable, fuse, disconnect, LED and diode terminal blocks

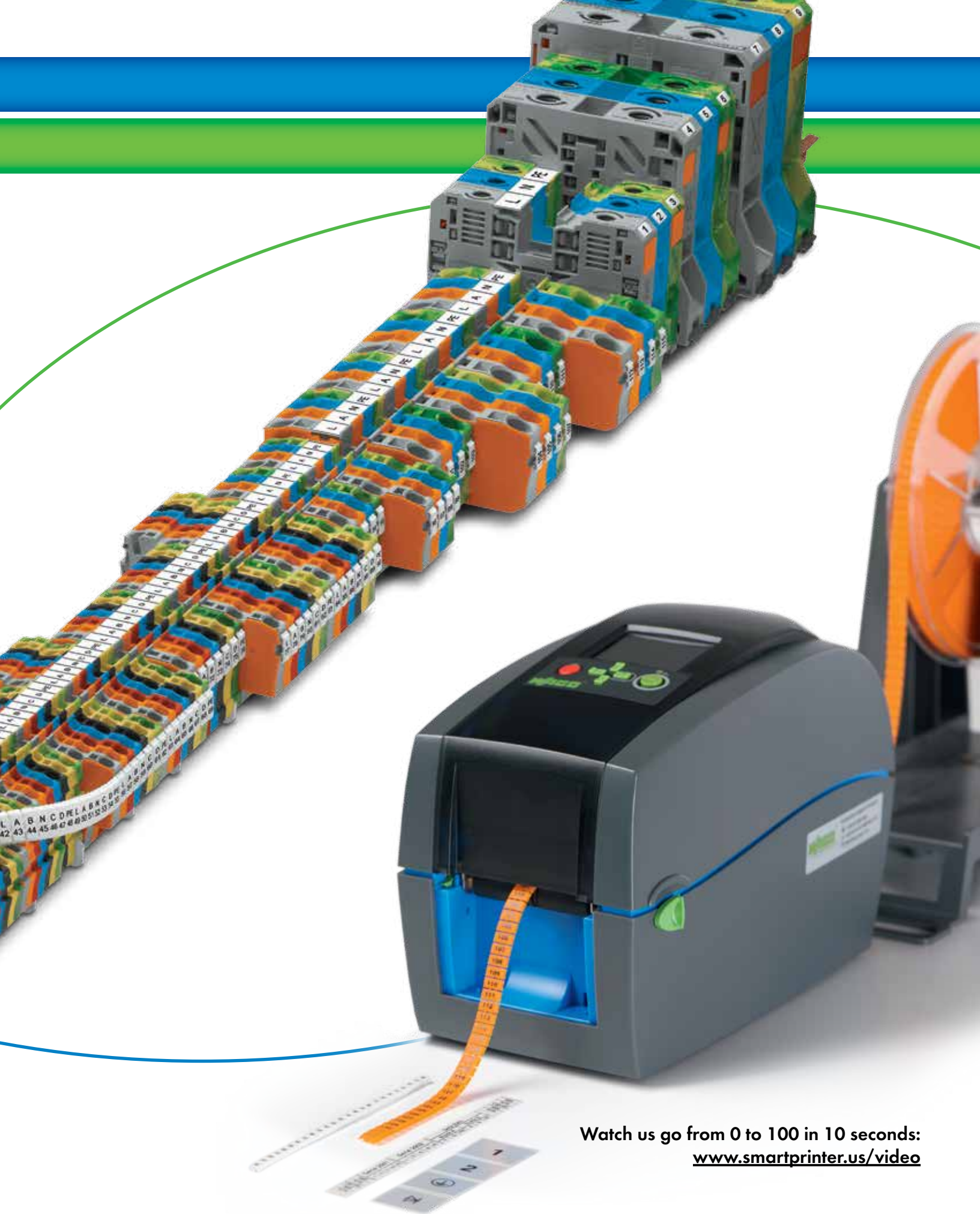
- Industry's widest range of spring pressure terminal blocks
- For conductor sizes 24 AWG - 350 kcmil (0.14-185 mm²)
- Save additional space with the use of multi-level terminal blocks (up to 66%)

The Fastest and Most Efficient Marking System

- Print on both strip and tag style terminal block markers; as well as wire markers, push button plates and adhesive labels
- Multi-line marking capable – more detail means less wiring errors
- Clear, smudge free thermal printing – no drying time
- All marking material on continuous reel – reduces reload for faster marking
- Mark up to 9,615 terminal blocks on a single reel

- Industry exclusive continuous marker strip with multi-line marking
- One system for all marking requirements: components, wire marking, etc.
- Printing software integrated in “free of charge” ProServe engineering tool





Watch us go from 0 to 100 in 10 seconds:
www.smartprinter.us/video

TOPJOB®S Jumper System

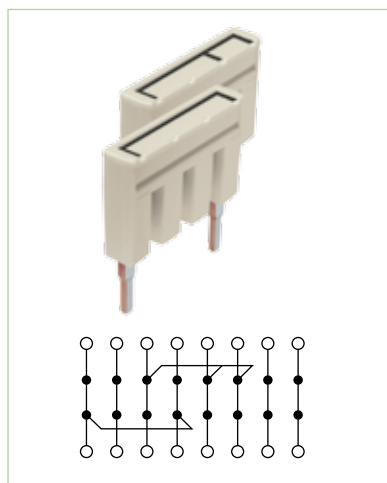
Ready to Solve Any Commoning Tasks

WAGO's range of jumpers provide the greatest possibilities and convenience:

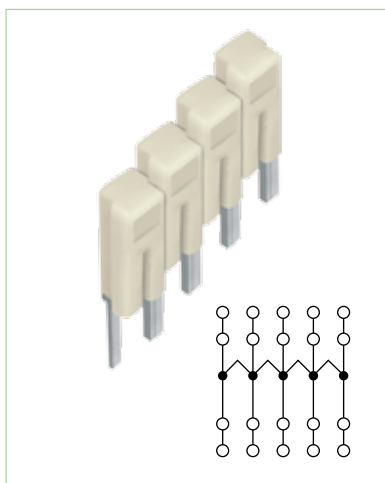
Multi-pole, push-in jumpers can be easily customized by removing a single contact leg (factory pre-configured jumpers also available). Unique solutions include Delta or Wye motor wiring.

Endless jumpers for endless possibilities. This two position adjacent jumper takes up only jumper slot and allows continuous commoning – no limits.

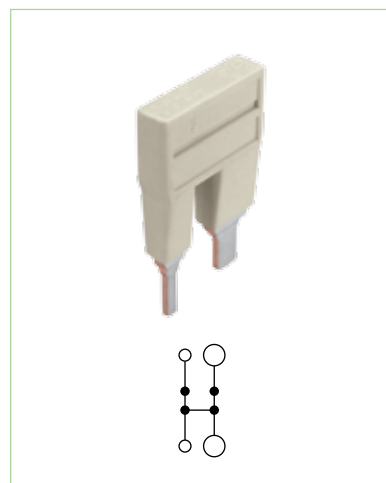
Our **step-down jumpers** easily common terminal blocks rated for different conductor sizes (e.g. POWER CAGE CLAMP® rated 8 - 2 AWG to TOPJOB®S Series 2010 rated 20 - 6 AWG). Resulting in a cost saving and modular approach for power distribution applications.



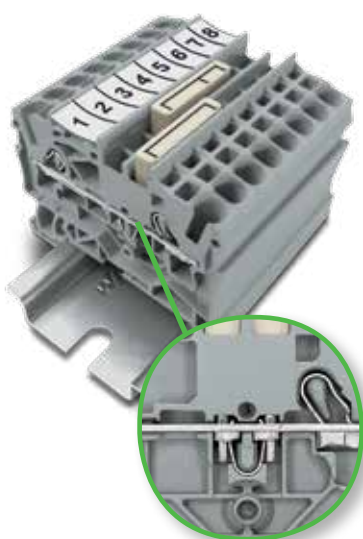
Push-In Type Jumper Bars



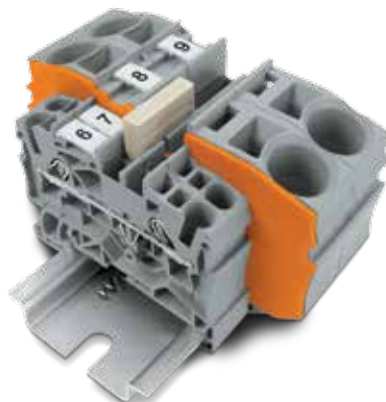
Adjacent Jumpers for Continuous Commoning



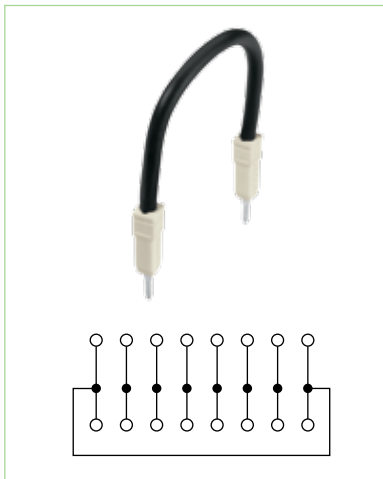
Step-Down Jumper



Jumper Retention Spring



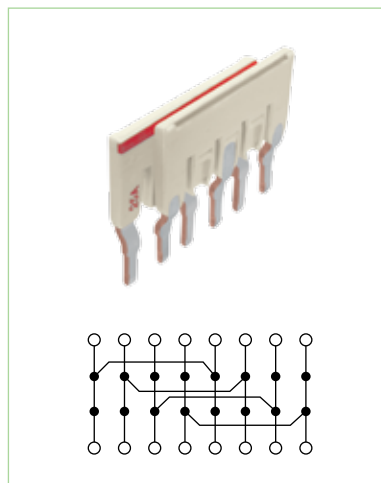
Using **push-in type wire jumpers**, commoning over longer distances, across multiple levels, or around plug-in component accessories is easily achieved.



Push-In Type Wire Jumper



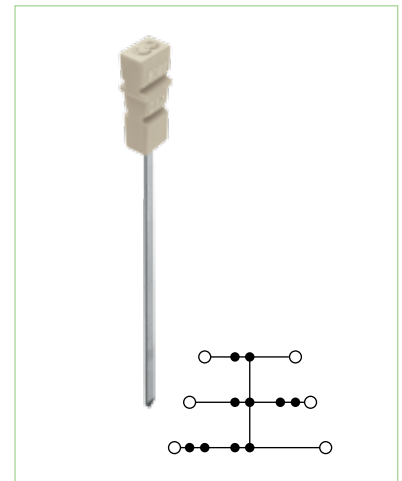
Slim style jumpers are similar to our standard multi-pole jumpers, except they are thinner to accommodate alternate commoning within a single jumper slot row, offering an industry best commoning of up to 4 different potentials.



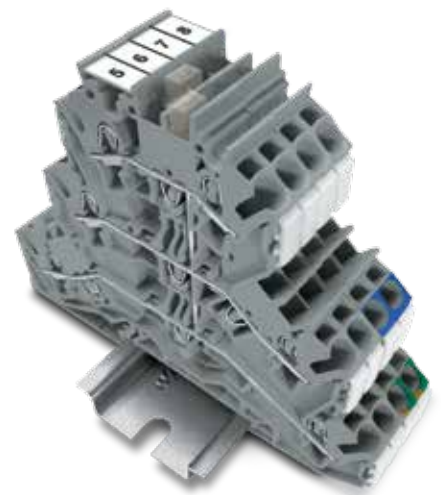
Slim Style Jumper



The perfect solution for multi-level terminal blocks: **Vertical jumpers** easily connect two or three levels within a single terminal block.



Vertical Jumper



- Exclusive jumper retention spring – ensures reliable commoning
- Comprehensive jumper system for virtually any application
- Minimum two jumper slots on every terminal block
- Simple, easy to use push-in design

X-COM[®]S: Pluggable Connector System for Modular Rail-Mounted Terminal Blocks

Benefits of Pre-harnessed Assemblies:

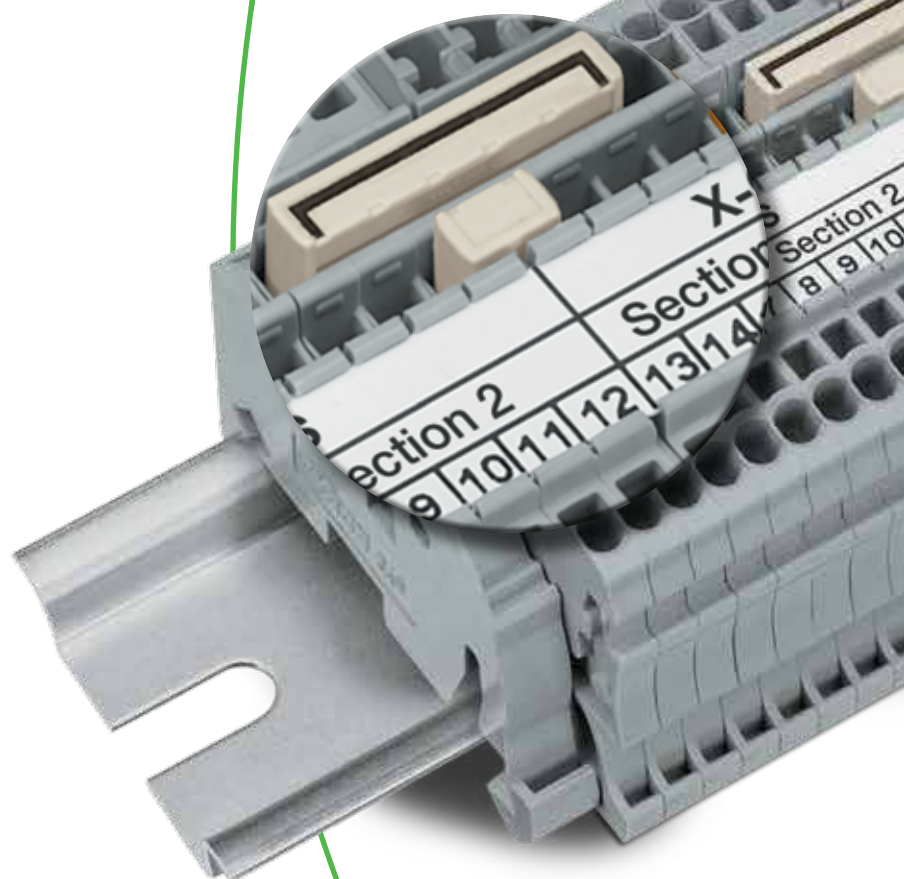
- Connectorize your test fixture...plug-in, test, un-plug and ship
- Fast and error free wiring during equipment dismantle and assembly
- Cost effective alternative to rectangular connectors

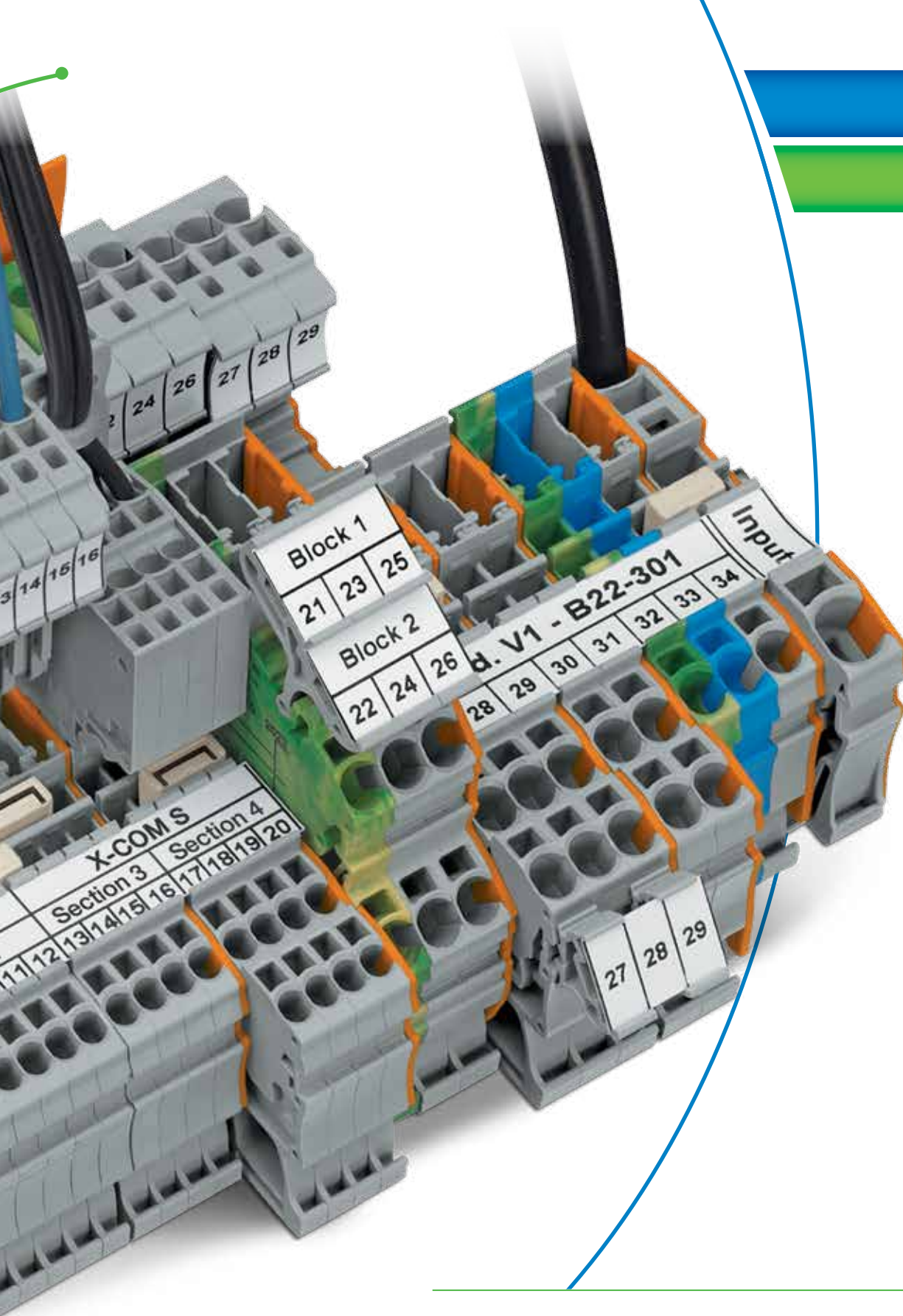
Features of X-COM[®]S:

- Protection against accidental contact in the un-mated condition
- Coding provides protection against mis-mating
- Marking on both connector and terminal block for fast reliable connections
- Industry's first and only 3.5mm wide pluggable rail mounted terminal block

Common profile makes X-COM[®]S and TOPJOB[®]S compatible for:

- Commoning
- Marking





- Benefit from pre-harnessed assemblies
- Protection against accidental contact
- Coding provides additional safety

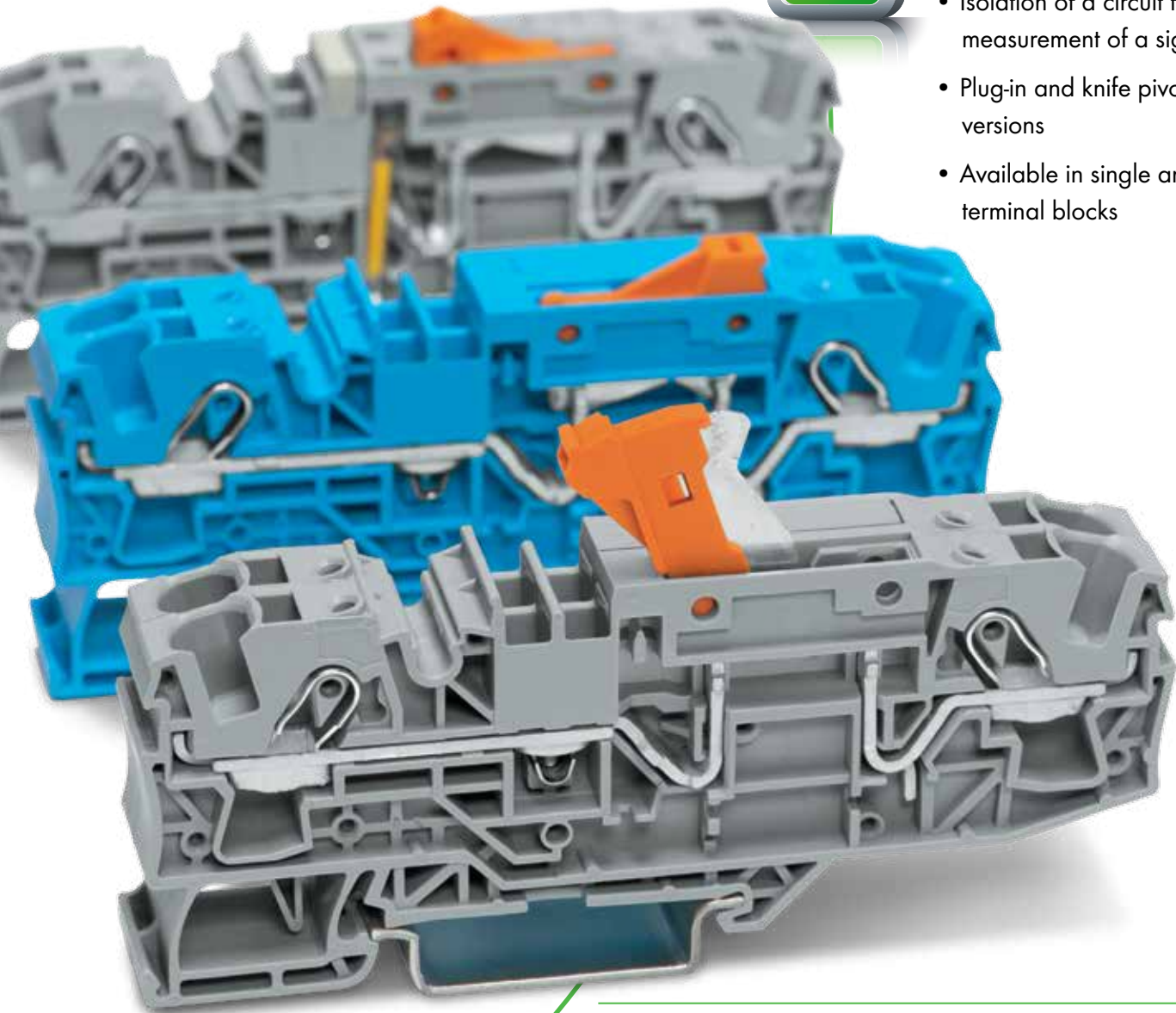
Comprehensive Range of Sp

For Application Specific Sol



Disconnect Terminal Blocks

- Isolation of a circuit for test and measurement of a signal
- Plug-in and knife pivot disconnect versions
- Available in single and multi-level terminal blocks



- Easy self-assembly of component plugs
- Wide variety of function terminal blocks
- Disconnect terminal block up to 1,000 V (e.g., photovoltaic applications)



Component Plugs for Self-Assembly



- Creation of a custom circuit containing diode, LED, resistor, etc.
- Single and multi-level carrier terminal blocks to accept component plugs
- Component plugs also available for plug-in to the existing jumper slot of terminal blocks



Fuse Terminal Blocks



- Protection of a circuit
- Plug-in and pivot style fuse terminal blocks for glass fuses (5 x 20mm and ¼ x 1 ¼) and auto style fuses
- Available in single and multi-level terminal blocks with and without blown fuse indication



Diode and LED Terminal Blocks



- Polarity protection and status indication of a circuit
- Available in single and multi-level terminal blocks
- Custom solutions available – contact factory

Benefits at a Glance



The Industry's Largest Portfolio for Industrial, Process and Transportation Applications

- Industry's widest range of conductor sizes: 24 AWG - 350 kcmil (0.14–185 mm²)
- Comprehensive range of feed-through and special function terminal blocks
- Connect all conductor types

TOPJOB®S – Vibration-Proof, Fast, Maintenance-Free

WAGO – The Spring Pressure Connection Technology

- CAGE CLAMP®S for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Once inserted, the operating tool holds the spring open allowing the use of both hands for wiring

The Smallest, the Biggest and Always the Right Terminal Blocks

- Industry's widest range of spring pressure terminal blocks
- For conductor sizes 24 AWG – 350 kcmil (0.14-185 mm²)
- Save additional space with the use of multi-level terminal blocks (up to 66%)

smartPRINTER™ by WAGO – The Fastest and Most Efficient Marking System

- Industry exclusive continuous marker strip with multi-line marking
- One system for all marking requirements: components, wire marking, etc.
- Printing software integrated in “free of charge” ProServe engineering tool

TOPJOB®S Jumper System

Ready to Solve Any Commoning Tasks

- Exclusive jumper retention spring – ensures reliable commoning
- Comprehensive jumper system for virtually any application
- Minimum two jumper slots on every terminal block
- Simple, easy to use push-in design

X-COM®S and TOPJOB®S Create Synergies

- Benefit from pre-harnessed assemblies
- Protection against accidental contact
- Coding provides additional safety

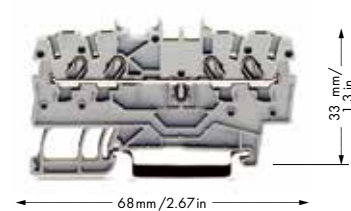
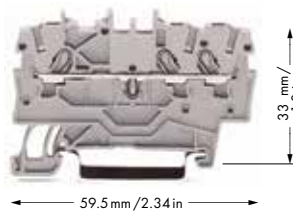
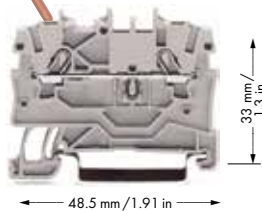
Comprehensive Range of Special Function Terminal Blocks – For Applications Specific Solutions

- Easy self-assembly of component plugs
- Wide variety of function terminal blocks
- Disconnect terminal block up to 1,000 V (e.g., photovoltaic applications)

Rail-Mounted Terminal Blocks 1.0 (1.5) mm²/AWG 16 2000 Series

0.14–1.0(1.5) mm ² 800 V/6 kV/3 I _N 13.5 A (18 A)	AWG 24 – 16 600 V, 10 A 600 V, 10 A	0.14 –1.0(1.5) mm ² 800 V/6 kV/3 I _N 13.5 A (18 A)	AWG 24 – 16 600 V, 10 A 600 V, 10 A	0.14 –1.0(1.5) mm ² 800 V/6 kV/3 I _N 13.5 A (18 A)	AWG 24 – 16 600 V, 10 A 600 V, 10 A
Terminal block width 3.5 mm / 0.137 in 9 – 11 mm / 0.39 in		Terminal block width 3.5 mm / 0.137 in 9 – 11 mm / 0.39 in		Terminal block width 3.5 mm / 0.137 in 9 – 11 mm / 0.39 in	

2000 Series terminal blocks can accommodate: 0.14mm² (24 AWG) - 1.5mm² (16 AWG) solid or stranded wire;
or direct insertion of: 0.5mm² (20 AWG) - 1.5mm² (16 AWG) solid or 0.5mm² (20 AWG) - 0.75mm² (18AWG) stranded wire with ferrule (10mm barrel length)



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		3-conductor through terminal blocks		4-conductor through terminal blocks	
gray Ex 2000-1201	100	gray Ex 2000-1301	100	gray Ex 2000-1401	100
blue Ex 2000-1204	100	blue Ex 2000-1304	100	blue Ex 2000-1404	100
orange Ex 2000-1202	100	orange Ex 2000-1302	100	orange Ex 2000-1402	100
red Ex 2000-1203	100	red Ex 2000-1303	100	red Ex 2000-1403	100
black Ex 2000-1205	100	black Ex 2000-1305	100	black Ex 2000-1405	100
yellow Ex 2000-1206	100	yellow Ex 2000-1306	100	yellow Ex 2000-1406	100
2-conductor ground (earth) terminal block		3-conductor ground (earth) terminal block		4-conductor ground (earth) terminal block	
green-yellow Ex 2000-1207	100	green-yellow Ex 2000-1307	100	green-yellow Ex 2000-1407	100
② Suitable for Ex i applications		② Suitable for Ex i applications		② Suitable for Ex i applications	
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
End and intermediate plate, 0.7 mm thick		End and intermediate plate, 0.7 mm thick		End and intermediate plate, 0.7 mm thick	
orange 2000-1292	100 (4 x 25)	orange 2000-1392	100 (4 x 25)	orange 2000-1492	100 (4 x 25)
gray 2000-1291	100 (4 x 25)	gray 2000-1391	100 (4 x 25)	gray 2000-1491	100 (4 x 25)

2000 Series Accessories

Push-in type jumper bar, insulated,	
I _N 14 A	
light gray	
2-way 2000-402	200 (8 x 25)
3-way 2000-403	200 (8 x 25)
4-way 2000-404	200 (8 x 25)
5-way 2000-405	100 (4 x 25)
6-way 2000-406	100 (4 x 25)
7-way 2000-407	100 (4 x 25)
8-way 2000-408	100 (4 x 25)
9-way 2000-409	100 (4 x 25)
10-way 2000-410	100 (4 x 25)
Push-in type jumper bar, insulated,	
I _N 14 A	
light gray	
from 1-3 2000-433	200 (8 x 25)
from 1-4 2000-434	200 (8 x 25)
from 1-5 2000-435	100 (4 x 25)
from 1-6 2000-436	100 (4 x 25)
from 1-7 2000-437	100 (4 x 25)
from 1-8 2000-438	100 (4 x 25)
from 1-9 2000-439	100 (4 x 25)
from 1-10 2000-440	100 (4 x 25)
Protective warning marker,	
with high voltage symbol, black,	
for 5 terminal blocks	
yellow 2000-115	100 (4 x 25)

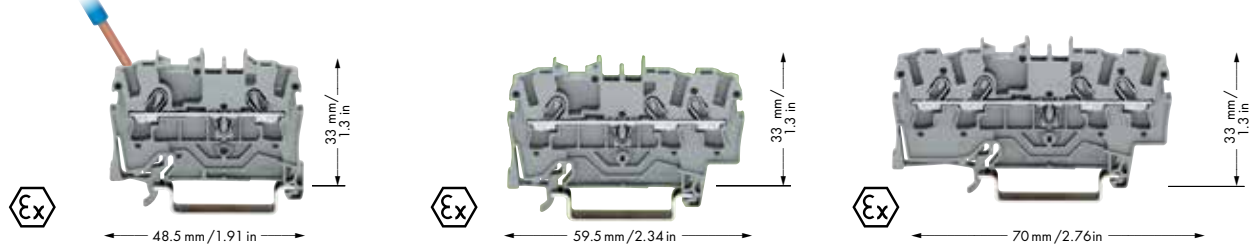
Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

Delta jumper, insulated,	
I _N = I _N terminal block, light gray	
1-2 3-4 5-6 2000-406/020-000	
100 (4 x 25)	
Star point jumper, insulated,	
I _N = I _N terminal block, light gray	
1-3-5- 2000-405/011-000	
100 (4 x 25)	
Test plug adapter,	
for test plug 4 mm Ø	
gray 2009-174	100 (4 x 25)
Testing tap, for max. 2.5 mm²	
Banana plug,	
for socket 4 mm Ø	
color mixed	
215-111	50
Testing tap,	
for max. 2.5 mm ²	
gray 2009-182	100 (4 x 25)
Testing plug,	
with 500 mm cable,	
2 mm Ø	
red 210-136	50
Testing 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

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

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

2001 Series terminal blocks can accommodate: 0.25mm² (22 AWG) - 2.5mm² (14 AWG) solid or stranded wire;
or direct insertion of: 0.5mm² (20 AWG) - 2.5mm² (14 AWG) solid or 0.75mm² (18 AWG) - 1.5mm² (16AWG) stranded wire with ferrule (12mm barrel length)

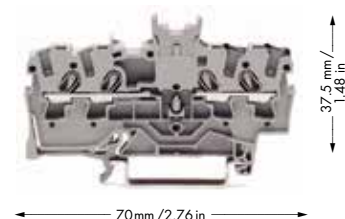
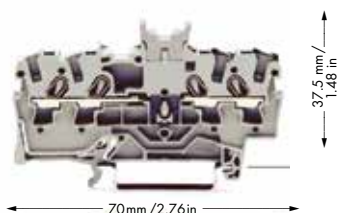
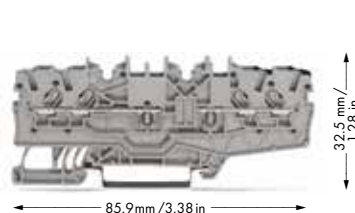


	Item No.	Pack.-unit pcs		Item No.	Pack.-unit pcs		Item No.	Pack.-unit pcs
2-conductor through terminal blocks			3-conductor through terminal blocks			4-conductor through terminal blocks		
gray	2001-1201	100	gray	2001-1301	100	gray	2001-1401	100
blue	2001-1204	100	blue	2001-1304	100	blue	2001-1404	100
orange	2001-1202	100	orange	2001-1302	100	orange	2001-1402	100
red	2001-1203	100	red	2001-1303	100	red	2001-1403	100
black	2001-1205	100	black	2001-1305	100	black	2001-1405	100
yellow	2001-1206	100	yellow	2001-1306	100	yellow	2001-1406	100
2-conductor ground (earth) terminal block			3-conductor ground (earth) terminal block			4-conductor ground (earth) terminal block		
green-yellow	2001-1207	100	green-yellow	2001-1307	100	green-yellow	2001-1407	100
Suitable for Ex e II applications 550 V, 17 A			Suitable for Ex e II applications 550 V, 17 A			Suitable for Ex e II applications 550 V, 17 A		
Suitable for Ex i applications			Suitable for Ex i applications			Suitable for Ex i applications		
Item Specific Accessories			Item Specific Accessories			Item Specific Accessories		
End and intermediate plate, 0.8 mm/0.031 in thick			End and intermediate plate, 0.8 mm/0.031 in thick			End and intermediate plate, 0.8 mm/0.031 in thick		
	orange 2002-1292	100 (4 x 25)		orange 2002-1392	100 (4 x 25)		orange 2002-1492	100 (4 x 25)
	gray 2002-1291	100 (4 x 25)		gray 2002-1391	100 (4 x 25)		gray 2002-1491	100 (4 x 25)
Oversized endplates and separator plates on page 92								
2001 Series Accessories			Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)					
Push-in type jumper bar, insulated,			Step-down jumper, insulated,			Marking strip, plain,		
	I _N 18 A			I _N 32 A			11 mm wide	
	light gray			light gray 2006-499	50 (2 x 25)		50 m roll	
	2-way 2001-402	200 (8 x 25)					white 2009-110	1
	3-way 2001-403	200 (8 x 25)	Insulation stop,			WMB Multi marking system,		
	4-way 2001-404	200 (8 x 25)		5 pcs/strip,			10 strips with 10 markers per card,	
	5-way 2001-405	100 (4 x 25)		0.25 - 0.5 mm ²			stretchable 4 - 4.2 mm	
	6-way 2001-406	100 (4 x 25)		light gray 2001-171	200 (8 x 25)		plain 793-4501	5
	7-way 2001-407	100 (4 x 25)	Test plug adapter,			WMB Inline, plain,		
	8-way 2001-408	100 (4 x 25)		for test plug 4 mm Ø			stretchable 4 - 4.2mm,	
	9-way 2001-409	100 (4 x 25)		gray 2009-174	100 (4 x 25)		2,000 WMB markers, 4mm, on roll	
	10-way 2001-410	100 (4 x 25)	Testing tap,				white 2009-114	1
Push-in type jumper bar, insulated,			Testing tap,					
	I _N 18 A			for max. 2.5 mm ²		Modular TOPJOB®S connector,		
	light gray			gray 2009-182	100 (4 x 25)		can be snapped together,	
	from 1-3 2001-433	200 (8 x 25)	Testing plug,				for jumper contact slot	
	from 1-4 2001-434	200 (8 x 25)		with 500 mm cable,			gray 2001-511	100 (4 x 25)
	from 1-5 2001-435	100 (4 x 25)		2 mm Ø		Spacer module, can be snapped together,		
	from 1-6 2001-436	100 (4 x 25)		red 210-136	50		e.g., for bridging commoned	
	from 1-7 2001-437	100 (4 x 25)	Testing plug,				terminal blocks	
	from 1-8 2001-438	100 (4 x 25)		with 500 mm cable,			gray 2001-549	100 (4 x 25)
	from 1-9 2001-439	100 (4 x 25)		2.3 mm Ø		End plate,		
	from 1-10 2001-440	100 (4 x 25)		yellow 210-137	50		for modular TOPJOB®S connectors,	
Protective warning marker,			gray 2002-541 100 (4 x 25)					
	with high voltage symbol, black,							
	for 5 terminal blocks							
	yellow 2001-115	100 (4 x 25)						

Double Potential Terminal Blocks

2002 Series

0.14–1(1.5) mm² AWG 24 – 16 800 V/8 kV/3 I_N 13.5 A (18 A) Terminal block width 3.5 mm / 0.138 in  9 – 11 mm / 0.39 in	0.25–1.5 (2.5) mm² AWG 22 – 14 800 V/8 kV/3 600 V, 15 A  I_N 18 A (24 A) 600 V, 15 A  Terminal block width 4.2 mm / 0.165 in  9 – 11 mm / 0.39 in	0.25–1.5 (4) mm² AWG 22 – 12 800 V/8 kV/3 600 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
--	--	---

[illegible]

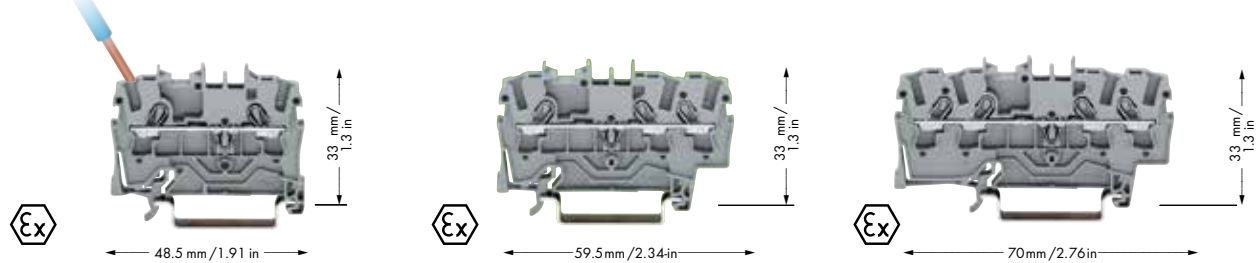
Double potential terminal blocks are space savers. Two independent through terminal blocks are placed in one insulated housing on one level.

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.

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

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

2002 Series terminal blocks can accommodate: 0.25mm² (22 AWG) - 4mm² (12 AWG) solid or stranded wire;
or direct insertion of: 0.75mm² (18 AWG) - 4mm² (12 AWG) solid or 0.75mm² (18 AWG) - 2.5mm² (14 AWG) stranded wire with ferrule (12mm barrel length)

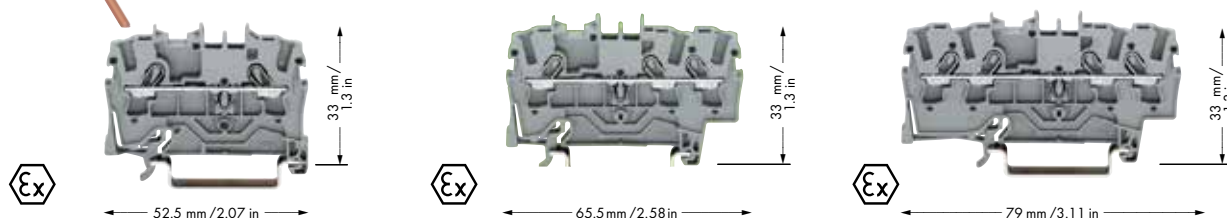


Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		3-conductor through terminal blocks		4-conductor through terminal blocks	
gray 2002-1201	100	gray 2002-1301	100	gray 2002-1401	100
blue 2002-1204	100	blue 2002-1304	100	blue 2002-1404	100
orange 2002-1202	100	orange 2002-1302	100	orange 2002-1402	100
red 2002-1203	100	red 2002-1303	100	red 2002-1403	100
black 2002-1205	100	black 2002-1305	100	black 2002-1405	100
yellow 2002-1206	100	yellow 2002-1306	100	yellow 2002-1406	100
brown 2002-1201/0000-0014	100	brown 2002-1301/0000-0014	100	brown 2002-1401/0000-0014	100
light gray 2002-1209	100	light gray 2002-1309	100	light gray 2002-1409	100
2-conductor ground (earth) terminal block		3-conductor ground (earth) terminal block		4-conductor ground (earth) terminal block	
green-yellow 2002-1207	100	green-yellow 2002-1307	100	green-yellow 2002-1407	100
Suitable for Ex e II applications 550 V, 22 A Suitable for Ex i applications		Suitable for Ex e II applications 550 V, 22 A Suitable for Ex i applications		Suitable for Ex e II applications 550 V, 22 A Suitable for Ex i applications	
Item Specific Accessories		Item Specific Accessories		Item Specific Accessories	
End and intermediate plate, 0.8 mm/0.031 in thick		End and intermediate plate, 0.8 mm/0.031 in thick		End and intermediate plate, 0.8 mm/0.031 in thick	
orange 2002-1292	100 (4 x 25)	orange 2002-1392	100 (4 x 25)	orange 2002-1492	100 (4 x 25)
gray 2002-1291	100 (4 x 25)	gray 2002-1391	100 (4 x 25)	gray 2002-1491	100 (4 x 25)
Oversized endplates and separator plates on page 92					
2002 Series Accessories					
Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)					
Push-in type jumper bar, insulated,		Slim style jumper, insulated,		Marking strip, plain,	
I _N 25 A		I _N 25 A		11 mm wide	
light gray		light gray		50 m roll	
2-way 2002-402	200 (8 x 25)	2-way 2002-472	200 (8 x 25)	white 2009-110	1
3-way 2002-403	200 (8 x 25)	3-way 2002-473	200 (8 x 25)	WMB Multi marking system,	
4-way 2002-404	200 (8 x 25)	4-way 2002-474	200 (8 x 25)	10 strips with 10 markers per card,	
5-way 2002-405	100 (4 x 25)	5-way 2002-475	100 (4 x 25)	stretchable 5 - 5.2 mm	
6-way 2002-406	100 (4 x 25)	:		plain 793-5501	5
7-way 2002-407	100 (4 x 25)	12-way 2002-482	100 (4 x 25)	WMB Inline, plain,	
8-way 2002-408	100 (4 x 25)	Step-down jumper, insulated,		stretchable 5 - 5.2mm,	
9-way 2002-409	100 (4 x 25)	I _N 32 A		1,500 WMB markers, 5mm, on roll	
10-way 2002-410	100 (4 x 25)	light gray 2006-499	50 (2 x 25)	white 2009-115	1
Push-in type jumper bar, insulated,		Adjacent jumper for continuous commoning, insulate		Modular TOPJOB®S connector,	
I _N 25 A		I _N 25 A		for jumper contact slot	
light gray		light gray		gray 2002-511	100 (4 x 25)
from 1-3 2002-433	200 (8 x 25)	2-way 2002-400	100 (4 x 25)	Spacer module,	
from 1-4 2002-434	200 (8 x 25)	Insulation stop,		gray 2002-549	100 (4 x 25)
from 1-5 2002-435	100 (4 x 25)	5 pcs/strip,		End plate,	
from 1-6 2002-436	100 (4 x 25)	0.25 - 0.5 mm ²		for modular TOPJOB®S connectors,	
from 1-7 2002-437	100 (4 x 25)	light gray 2002-171	200 (8 x 25)	1.5 mm thick	
from 1-8 2002-438	100 (4 x 25)	0.75 - 1 mm ²		gray 2002-541	100 (4 x 25)
from 1-9 2002-439	100 (4 x 25)	dark gray 2002-172	200 (8 x 25)		
from 1-10 2002-440	100 (4 x 25)	Test plug adapter,			
Protective warning marker,		for test plug 4 mm Ø			
with high voltage symbol, black,		gray 2009-174	100 (4 x 25)		
for 5 terminal blocks		Testing tap, for max. 2.5 mm²			
yellow 2002-115	100 (4 x 25)	gray 2009-182	100 (4 x 25)		

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

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

2004 Series terminal blocks can accommodate: 0.5mm² (20 AWG) - 6mm² (10 AWG) solid or stranded wire;
or direct insertion of: 1mm² (18 AWG) - 6mm² (10 AWG) solid or 0.75mm² (18 AWG) - 4mm² (12 AWG) stranded wire with ferrule (12mm barrel length)

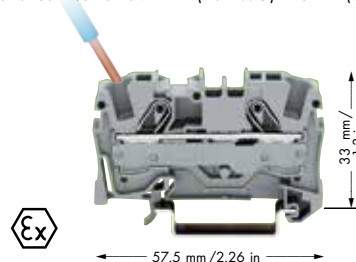


Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		3-conductor through terminal blocks		4-conductor through terminal blocks	
gray 	2004-1201  50	gray 	2004-1301  50	gray 	2004-1401  50
blue 	2004-1204  50	blue 	2004-1304  50	blue 	2004-1404  50
orange 	2004-1202  50	orange 	2004-1302  50	orange 	2004-1402  50
red 	2004-1203  50	red 	2004-1303  50	red 	2004-1403  50
black 	2004-1205  50	black 	2004-1305  50	black 	2004-1405  50
yellow 	2004-1206  50	yellow 	2004-1306  50	yellow 	2004-1406  50
2-conductor ground (earth) terminal block		3-conductor ground (earth) terminal block		4-conductor ground (earth) terminal block	
green-yellow 	2004-1207  50	green-yellow 	2004-1307  50	green-yellow	2004-1407  50
 Suitable for Ex e II applications 550 V, 30 A		 Suitable for Ex e II applications 550 V, 30 A		 Suitable for Ex e II applications 550 V, 30 A	
 Suitable for Ex i applications		 Suitable for Ex i applications		 Suitable for Ex i applications	
Item Specific Accessories		Item Specific Accessories		Item Specific Accessories	
End and intermediate plate, 1 mm thick		End and intermediate plate, 1 mm thick		End and intermediate plate, 1 mm thick	
 orange	2004-1292 100 (4 x 25)	 orange	2004-1392 100 (4 x 25)	 orange	2004-1492 100 (4 x 25)
 gray	2004-1291 100 (4 x 25)	 gray	2004-1391 100 (4 x 25)	 gray	2004-1491 100 (4 x 25)
Oversized endplates and separator plates on page 92					
2004 Series Accessories		Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)			
Push-in type jumper bar, insulated,		Delta jumper, insulated,		Marking strip, plain,	
					
I _N 32 A		I _N = I _N terminal block, light gray		11 mm wide	
light gray		1-2 3-4 5-6 2004-406/020-000		50 m roll	
2-way 2004-402 200 (8 x 25)		100 (4 x 25)		white 2009-110	
3-way 2004-403 200 (8 x 25)		Star point jumper, insulated,		WMB Multi marking system,	
4-way 2004-404 200 (8 x 25)				10 strips with 10 markers per card,	
5-way 2004-405 100 (4 x 25)		I _N = I _N terminal block, light gray		stretchable 5 - 5.2 mm	
6-way 2004-406 100 (4 x 25)		1-3-5- 2004-405/011-000		plain 793-5501	
7-way 2004-407 100 (4 x 25)		100 (4 x 25)		WMB Inline, plain,	
8-way 2004-408 100 (4 x 25)		Step-down jumper, insulated,			
9-way 2004-409 100 (4 x 25)				stretchable 5 - 5.2mm,	
10-way 2004-410 100 (4 x 25)		I _N 32 A		1,500 WMB markers, 5mm, on roll	
Push-in type jumper bar, insulated,		Insulation stop,		white 2009-115	
				Modular TOPJOB®S connector,	
I _N 32 A		5 pcs/strip,			
light gray		0.25 - 0.5 mm ²		for jumper contact slot	
from 1-3 2004-433 200 (8 x 25)		light gray 2002-171 200 (8 x 25)		gray 2004-511 100 (4 x 25)	
from 1-4 2004-434 200 (8 x 25)		0.75 - 1 mm ²		Spacer module,	
from 1-5 2004-435 100 (4 x 25)		dark gray 2002-172 200 (8 x 25)			
from 1-6 2004-436 100 (4 x 25)		Test plug adapter,		gray 2004-549 100 (4 x 25)	
from 1-7 2004-437 100 (4 x 25)					
from 1-8 2004-438 100 (4 x 25)		for test plug 4 mm Ø			
from 1-9 2004-439 100 (4 x 25)		gray 2009-174 100 (4 x 25)			
from 1-10 2004-440 100 (4 x 25)		Testing tap,			
					
		for max. 2.5 mm ²			
		gray 2009-182 100 (4 x 25)			
Protective warning marker,					
					
with high voltage symbol, black,					
for 5 terminal blocks					
yellow 2004-115 100 (4 x 25)					

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

0.5 – 6 (10) mm ² 800 V/8 kV/3 41 A Terminal block width 7.5 mm / 0.295 in 13 – 15 mm / 0.55 in	AWG 20 – 8 600 V, 50 A 600 V, 50 A	0.5 – 6 (10) mm ² 800 V/8 kV/3 41 A Terminal block width 7.5 mm / 0.295 in 13 – 15 mm / 0.55 in	AWG 20 – 8 600 V, 50 A 600 V, 50 A	Commoning with step-down jumpers Application notes see page 7
--	--	--	--	--

2006 Series terminal blocks can accommodate: 0.5mm² (20 AWG) - 10mm² (8 AWG) solid or stranded wire; or direct insertion of: 1mm² (18 AWG) - 10mm² (8 AWG) solid or 1.5mm² (16 AWG) - 6mm² (10 AWG) stranded wire with ferrule (14mm barrel length)



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		3-conductor through terminal blocks		Commoning with step-down jumpers	
gray 2006-1201	50	gray 2006-1301	25	An end plate must always be used between the terminal blocks that are commoned with step-down jumpers.	
blue 2006-1204	50	blue 2006-1304	25	Step-down jumper 2006-499 is suitable for commoning series 2006 or 2004 terminal blocks with series 2002, 2001 or 2000 terminal blocks.	
orange 2006-1202	50	orange 2006-1302	25	Step-down jumpers are simply pushed down to full insertion, in the same way as all other push-in type jumper bars.	
2-conductor ground (earth) terminal block		3-conductor ground (earth) terminal block			
green-yellow 2006-1207	50	green-yellow 2006-1307	25		
Suitable for Ex e II applications 550 V, 38 A		Suitable for Ex e II applications 550 V, 36 A			
Suitable for Ex i applications		Suitable for Ex i applications			
Item Specific Accessories		Item Specific Accessories			
End and intermediate plate, 1 mm thick		End and intermediate plate, 1 mm thick		Step-down jumper, light gray, insulated	
orange 2006-1292	100 (4 x 25)	orange 2006-1392	100 (4 x 25)	32 A	
gray 2006-1291	100 (4 x 25)	gray 2006-1391	100 (4 x 25)	2006-499	50 (2 x 25)

Oversized endplates and separator plates on page 92

2006 Series Accessories

Appropriate marking systems:

WMB/Marking Strips (see pages 96 -101)

Push-in type jumper bar, insulated,

I _N 41 A	
light gray	
2-way 2006-402	50 (2 x 25)
3-way 2006-403	50 (2 x 25)
4-way 2006-404	50 (2 x 25)
5-way 2006-405	50 (2 x 25)

Push-in type jumper bar, insulated,

I _N 41 A	
light gray	
from 1-3 2006-433	50 (2 x 25)
from 1-4 2006-434	50 (2 x 25)
from 1-5 2006-435	50 (2 x 25)

Star point jumper, insulated,

I _N = I _N terminal block, light gray	
1-3-5- 2006-405/011-000	50 (2 x 25)

Step-down jumper, insulated,

I _N 32 A	
light gray 2006-499	50 (2 x 25)

Protective warning marker,

with high voltage symbol, black, for 5 terminal blocks	
yellow 2006-115	100 (4 x 25)

Lockout cap,

for conductor entry hole and operating slot	
gray 2006-191	25

Modular TOPJOB®S connector,

can be snapped together, for jumper contact slot	
gray 2006-511	100 (4 x 25)

Test plug adapter,

for test plug 4 mm Ø	
gray 2009-174	100 (4 x 25)

Testing tap,

for max. 2.5 mm ²	
gray 2009-182	100 (4 x 25)

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 Inline, plain,

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



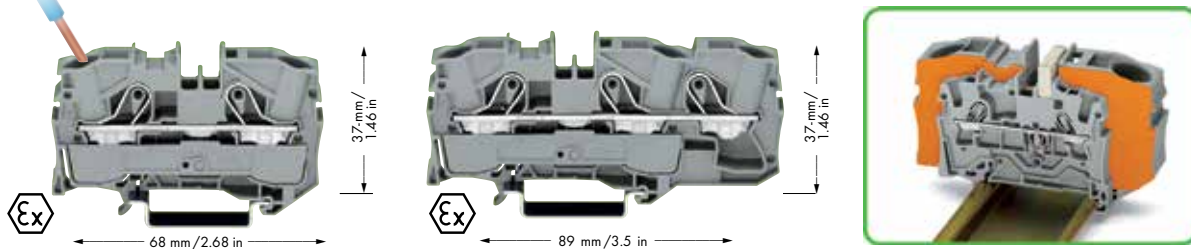
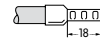
Note:

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

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

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

2010 Series terminal blocks can accommodate: 0.5mm² (20 AWG) - 16mm² (6 AWG) solid or stranded wire; or direct insertion of: 2.5mm² (14 AWG) - 16mm² (6 AWG) solid or 2.5mm² (14 AWG) - 10mm² (8 AWG) stranded wire with ferrule (18mm barrel length)



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		3-conductor through terminal blocks		Commoning with step-down jumpers	
gray Ex 2010-1201	25	gray Ex 2010-1301	25	An end plate must always be used between the terminal blocks that are commoned with step-down jumpers.	
blue Ex 2010-1204	25	blue Ex 2010-1304	25	Step-down jumper 2016-499 is suitable for commoning series 2016 or 2010 terminal blocks with series 2010, 2006, 2004 or 2002 terminal blocks.	
orange Ex 2010-1202	25	orange Ex 2010-1302	25	Step-down jumpers are simply pushed down to full insertion, in the same way as all other push-in type jumper bars.	
2-conductor ground (earth) terminal block		3-conductor ground (earth) terminal block			
green-yellow Ex 2010-1207	25	green-yellow Ex 2010-1307	25		
Ex Suitable for Ex e II applications 550 V, 51 A		Ex Suitable for Ex e II applications 550 V, 50 A			
2 Suitable for Ex i applications		2 Suitable for Ex i applications			
Item Specific Accessories		Item Specific Accessories			
End and intermediate plate, 1 mm thick		End and intermediate plate, 1 mm thick		Step-down jumper, light gray, insulated	
orange 2010-1292 100 (4 x 25)		orange 2010-1392 100 (4 x 25)		57 A	
gray 2010-1291 100 (4 x 25)		gray 2010-1391 100 (4 x 25)		2016-499	50 (2 x 25)

Oversized endplates and separator plates on page 92

2010 Series Accessories

Appropriate marking systems:

WMB/Marking Strips (see pages 96 - 101)

Push-in type jumper bar, insulated,



I _N 57 A	
light gray	
2-way 2010-402	50 (2 x 25)
3-way 2010-403	50 (2 x 25)
4-way 2010-404	50 (2 x 25)
5-way 2010-405	50 (2 x 25)

Push-in type jumper bar, insulated,



I _N 57 A	
light gray	
from 1-3 2010-433	50 (2 x 25)
from 1-4 2010-434	50 (2 x 25)
from 1-5 2010-435	50 (2 x 25)

Star point jumper, insulated,



I _N = I _N terminal block, light gray	
1-3-5- 2010-405/011-000	50 (2 x 25)

Step-down jumper, insulated,



I _N 57 A	
light gray 2016-499	50 (2 x 25)

Protective warning marker,



with high voltage symbol, black, for 5 terminal blocks	
yellow 2010-115	50 (8 x 25)

Finger guard,



touchproof cover protects unused conductor entries	
yellow 2010-100	100 (4 x 25)

Modular TOPJOB®S connector,



can be snapped together, for jumper contact slot	
gray 2010-511	50 (2 x 25)

Test plug adapter,



for test plug 4 mm Ø	
gray 2009-174	100 (4 x 25)

Testing tap,



for max. 2.5 mm ²	
gray 2009-182	100 (4 x 25)

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 Inline, plain,



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

Note:

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

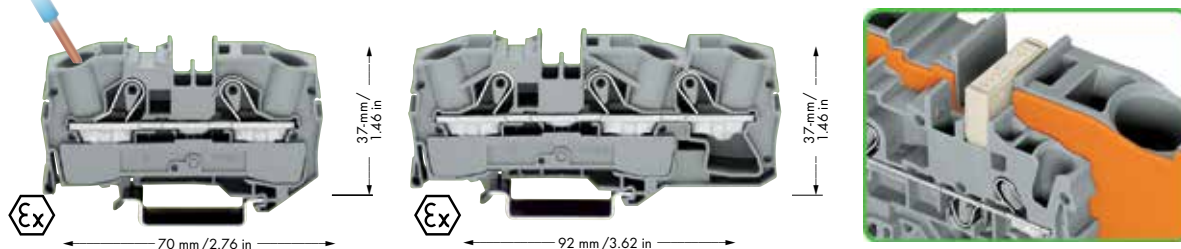


Finger guard cover snapped into unused clamping unit (Example: Series 2016)

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

0.5 – 16 (25 "f-st") mm² 800 V/8 kV/3 76 A Terminal block width 12 mm / 0.472 in  18 – 20 mm / 0.75 in	AWG 20 – 4 600 V, 85 A  600 V, 85 A 	0.5 – 16 (25 "f-st") mm² 800 V/8 kV/3 76 A Terminal block width 12 mm / 0.472 in  18 – 20 mm / 0.75 in	AWG 20 – 4 600 V, 85 A  600 V, 85 A 	Commoning with step-down jumpers Application notes see page 7
---	---	---	---	--

2016 Series terminal blocks can accommodate: 0.5mm² (20 AWG) - 25mm² (4 AWG) solid or stranded wire;
or direct insertion of: 2.5mm² (14 AWG) - 16mm² (6 AWG) solid or 2.5mm² (14 AWG) - 16mm² (6 AWG) stranded wire with ferrule (18mm barrel length)

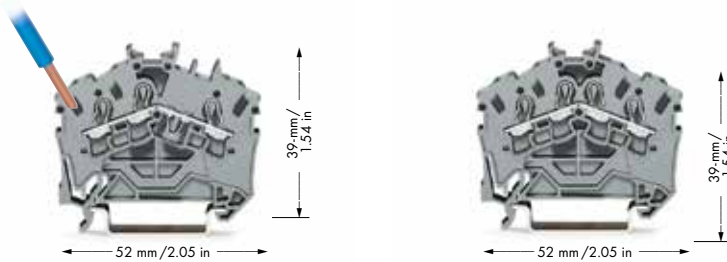


Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor through terminal blocks		3-conductor through terminal blocks		Commoning with step-down jumpers	
gray 	2016-1201 	20	gray 	2016-1301 	20
blue 	2016-1204 	20	blue 	2016-1304 	20
orange 	2016-1202 	20	orange 	2016-1302 	20
2-conductor ground (earth) terminal block		3-conductor ground (earth) terminal block		An end plate must always be used between the terminal blocks that are commoned with step-down jumpers. Step-down jumper 2016-499 is suitable for commoning series 2016 or 2010 terminal blocks with series 2010, 2006, 2004 or 2002 terminal blocks.	
green-yellow 	2016-1207 	20	green-yellow 	2016-1307 	20
 Suitable for Ex e II applications 550 V, 70 A		 Suitable for Ex e II applications 550 V, 67 A		Step-down jumpers are simply pushed down to full insertion, in the same way as all other push-in type jumper bars.	
 Suitable for Ex i applications		 Suitable for Ex i applications			
Item Specific Accessories		Item Specific Accessories			
End and intermediate plate, 1 mm thick		End and intermediate plate, 1 mm thick		Step-down jumper, light gray, insulated	
	orange 2016-1292 100 (4 x 25)		orange 2016-1392 100 (4 x 25)		57 A
	gray 2016-1291 100 (4 x 25)		gray 2016-1391 100 (4 x 25)		2016-499 50 (2 x 25)
Oversized endplates and separator plates on page 92					
2016 Series Accessories		Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)		Note: The total current flowing cannot exceed the rating of the step-down jumper/push-in type jumper bar.	
Push-in type jumper bar, insulated,		Finger guard,			
 I_N 76 A light gray 2-way 2016-402 50 (2 x 25) 3-way 2016-403 50 (2 x 25) 4-way 2016-404 50 (2 x 25) 5-way 2016-405 50 (2 x 25)		 touchproof cover protects unused conductor entries yellow 2016-100 100 (4 x 25)			
Push-in type jumper bar, insulated,		Modular TOPJOB®S connector,			
 I_N 57 A light gray from 1-3 2016-433 50 (2 x 25) from 1-4 2016-434 50 (2 x 25) from 1-5 2016-435 50 (2 x 25)		 can be snapped together, for jumper contact slot gray 2016-511 50 (2 x 25)			
Star point jumper, insulated,		Test plug adapter,			
 $I_N = I_N$ terminal block, light gray 1-3-5- 2016-405/011-000 50 (2 x 25)		 for test plug 4 mm Ø gray 2009-174 100 (4 x 25)			
Step-down jumper, insulated,		Testing tap,			
 I_N 57 A light gray 2016-499 50 (2 x 25)		 for max. 2.5 mm ² gray 2009-182 100 (4 x 25)			
Protective warning marker,		Marking strip, plain,			
 with high voltage symbol, black, for 5 terminal blocks yellow 2016-115 50 (8 x 25)		 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 Inline, plain,			
		 stretchable 5 - 5.2mm, 1,500 WMB markers, 5mm, on roll white 2009-115 1			

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

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

2002 Series terminal blocks can accommodate: 0.25mm² (22 AWG) - 4mm² (12 AWG) solid or stranded wire; or direct insertion of: 0.75mm² (18 AWG) - 4mm² (12 AWG) solid or 0.75mm² (18 AWG) - 2.5mm² (14 AWG) stranded wire with ferrule (12mm barrel length)



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
3-conductor through terminal blocks		4-conductor through terminal blocks	
gray Ex 2002-6301	100	gray Ex 2002-6401	100
blue Ex 2002-6304	100	blue Ex 2002-6404	100
orange Ex 2002-6302	100	orange Ex 2002-6402	100
red Ex 2002-6303	100	red Ex 2002-6403	100
black Ex 2002-6305	100	black Ex 2002-6405	100
yellow Ex 2002-6306	100	yellow Ex 2002-6406	100
3-conductor ground (earth) terminal block		4-conductor ground (earth) terminal block	
green-yellow Ex 2002-6307	100	green-yellow Ex 2002-6407	100
② Suitable for Ex i applications		② Suitable for Ex i applications	
Accessories		Attention! These terminal blocks cannot be commoned!	
End and intermediate plate, 0.8 mm/0.031 in thick		Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)	
orange 2002-6392	100 (4 x 25)	orange 2002-6392	100 (4 x 25)
gray 2002-6391	100 (4 x 25)	gray 2002-6391	100 (4 x 25)
Oversized endplates and separator plates on page 92			
Push-in type jumper bars, light gray, insulated, I_N 25 A		Insulation stop, 5 pcs/strip	
2-way 2002-402	200 (8 x 25)	light gray 2002-171	0.25-0.5 mm ²
3-way 2002-403	200 (8 x 25)	dark gray 2002-172	0.75-1 mm ²
4-way 2002-404	200 (8 x 25)	Protective warning marker,	
5-way 2002-405	100 (4 x 25)	for 5 terminal blocks	
:	:	yellow 2002-115	
10-way 2002-410	100 (4 x 25)	Marking strip, plain,	
Push-in type jumper bars, light gray, insulated, I_N 25 A		11 mm wide	
1 - 3 2002-433	200 (8 x 25)	50 m roll	
1 - 4 2002-434	200 (8 x 25)	white 2009-110	
1 - 5 2002-435	100 (4 x 25)	WMB Multi marking system,	
:	:	10 strips with 10 markers per card,	
1 - 10 2002-440	100 (4 x 25)	stretchable 5 - 5.2 mm	
Modular TOPJOB®S connector**		plain 793-5501	
for jumper contact slot		WMB Inline, plain,	
1 pole 2002-511	100 (4 x 25)	stretchable 5 - 5.2mm,	
Spacer, modular		1,500 WMB markers, 5mm, on roll	
2002-549	100 (4 x 25)	white 2009-115	
Test plug adapter,			
for test plug 4 mm Ø			
gray 2009-174	100 (4 x 25)		
Testing tap,			
for max. 2.5 mm ²			
gray 2009-182	100 (4 x 25)		



3- and 4-conductor terminal blocks

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

Product features

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

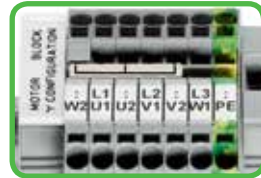
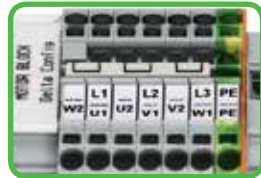
Test Plug Adapter and Testing Tap

Push-In Type Wire Jumpers

Motor Configuration Jumpers

Test plug adapter and testing tap for testing rail-mounted terminal blocks of Series 2001/2002/2004/2006/2010/2016	Push-in type wire jumper Nominal voltage: 800 V/8 kV/3 Nominal current: 16 A Rated cross section: 1.5 mm ² Wire lengths: 60/110/250 mm	Motor Configuration Jumpers Nominal voltage: 800 V/8 kV/3 Nominal current: I _n = I _n terminal block of relevant series Push-in type jumper bar
---	--	---



Item No.	Pack. unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Test plug adapter, for test plugs 4 mm/0.157 in Ø, for testing rail-mounted terminal blocks of Series 2001/2002/2004/2006/2010/2016 2009-174 100 (4 x 25)		Push-in type wire jumpers, insulated, conductor cross section 1.5 mm ² , suitable for rail-mounted terminal blocks of Series 2001, 2002 and 2022 Wire length 60 mm 2009-412 100 110 mm 2009-414 100 250 mm 2009-416 100		Wye configuration jumpers, light gray, insulated Suitable for Series: 2000 2000-405/011-000 2001 2001-405/011-000 2002 2002-405/011-000 2004 2004-405/011-000 2006 2006-405/011-000 2010 2010-405/011-000 2016 2016-405/011-000	
Testing tap, for connecting individual test wires of AWG 28 to 14 (0.08 mm ² – 2.5 mm ²) without tools 2009-182 100 (4 x 25)				 This jumper has been specially developed to create awye configuration and is used on motor terminal boardsequipped with TOPJOB®S rail-mounted terminal blocks	
 Testing TOPJOB®S rail-mounted terminal blocks using a test plug adapter or testing tap		 Push down the wire jumper until fully inserted. Lift the jumper with a screwdriver for rewiring.		Delta jumpers, light gray, insulated Suitable for Series: 2000 2000-406/020-000 2001 2001-406/020-000 2002 2002-406/020-000 2004 2004-406/020-000	
 Lockout cap, for conductor entry hole and operating slot		Push-in type wire jumpers, insulated cross section, 0.75 mm ² , suitable for rail-mounted terminal blocks of series 2000 and 2020. Wire length 60 mm 2009-402 100 110 mm 2009-404 100 250 mm 2009-406 100		 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	
gray ● 2002-191 25 gray ● 2006-191 25					
 Lockout cap for covering unused clamping units of the 2002 or 2006 Series terminal blocks.					

Colored push-in type jumper bars are used with sensor terminal blocks

Connector Strips with CAGE CLAMP®S Connection

2001 Series

2002 Series

2004 Series

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



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Modular TOPJOB®S connector strips with CAGE CLAMP®S connection, modular, gray,		Modular TOPJOB®S connector strips with CAGE CLAMP®S connection, modular, gray,		Modular TOPJOB®S connector strips with CAGE CLAMP®S connection, modular, gray,	
2-pole	2001-552	2-pole	2002-552	2-pole	2004-552
3-pole	2001-553	3-pole	2002-553	3-pole	2004-553
4-pole	2001-554	4-pole	2002-554	4-pole	2004-554
5-pole	2001-555	5-pole	2002-555	5-pole	2004-555
6-pole	2001-556	6-pole	2002-556		
7-pole	2001-557	7-pole	2002-557		
8-pole	2001-558	8-pole	2002-558		
9-pole	2001-559	9-pole	2002-559		
10-pole	2001-560	10-pole	2002-560		
Item-specific accessories		Item-specific accessories		Item-specific accessories	
WMB Multi marking card , 10 strips with 10 markers each, white with black printing, 4 – 4.2 mm/0.157 - 0.165 in wide  793-4 ... 5 cards 794-4 ... 5 cards see pages 90-92		WMB Multi marking card , 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide  793-5 ... 5 cards 794-5 ... 5 cards see pages 90-92		WMB Multi marking card , 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide  793-5 ... 5 cards 794-5 ... 5 cards see pages 90-92	



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



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

Accessories for TOPJOB®S connectors		Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)			
 Test plug , with cable 500-mm/1'7.7" 2.3 mm/0.091 in Ø yellow 210-137 50 (5 x 10)		 Strain relief plate , gray snappable onto connector strips			
 Test plug , with cable 500-mm/1'7.7" 2 mm/0.079 in Ø red 210-136 50 (5 x 10)		 Marker strips , plain, on roll 11 mm/0.039 in wide 50 m 2009-110 1			
		WMB Inline , plain, stretchable 5 - 5.2mm, 1,500 WMB markers, 5mm, on roll white 2009-115 1			

2001 Series
2002 Series
2004 Series

0.25 – 1.5 (2.5) mm² 500 V/6 kV/3 18 A Terminal block width 4.2 mm / 0.165 in  9 – 11 mm / 0.39 in	AWG 22 – 14 300 V, 15 A  300 V, 15 A 	0.25 – 2.5 (4) mm² 500 V/6 kV/3 24 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 20 A  300 V, 20 A 	0.5 – 4 (6) mm² 500 V/6 kV/3 32 A Terminal block width 6.2 mm / 0.244 in  11 – 13 mm / 0.47 in	AWG 20 – 10 300 V, 30 A  300 V, 30 A 
---	--	--	--	---	--



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Modular TOPJOB®S connectors with CAGE CLAMP®S connection, modular, gray,		Modular TOPJOB®S connectors with CAGE CLAMP®S connection, modular, gray,		Modular TOPJOB®S connectors with CAGE CLAMP®S connection, modular, gray,	
1 pole 2001-511	100 (4 x 25)	1 pole 2002-511	100 (4 x 25)	1 pole 2004-511	100 (4 x 25)
Spacer, for bridging over commoned terminal blocks, for example, modular, gray		Spacer, for bridging over commoned terminal blocks, for example, modular, gray		Spacer, for bridging over commoned terminal blocks, for example, modular, gray	
2001-549	100 (4 x 25)	2002-549	100 (4 x 25)	2004-549	100 (4 x 25)
Item-specific accessories		Item-specific accessories		Item-specific accessories	
End plate, 1.5 mm/0.059 in thick		End plate, 1.5 mm/0.059 in thick		End plate, 1.5 mm/0.059 in thick	
 gray 2002-541	100 (4 x 25)	 gray 2002-541	100 (4 x 25)	 gray 2004-541	100 (4 x 25)
WMB Multi marking card, 10 strips with 10 markers each, white with black printing, 4 – 4.2 mm/0.157 - 0.165 in wide		WMB Multi marking card, 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide		WMB Multi marking card, 10 strips with 10 markers each, white with black printing, 5 – 5.2 mm/0.197 - 0.205 in wide	
 793-4 ...	5 cards	 793-5 ...	5 cards	 793-5 ...	5 cards
 794-4 ...	5 cards	 794-5 ...	5 cards	 794-5 ...	5 cards
see pages 90-92		see pages 90-92		see pages 90-92	



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



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



Snapping on a strain relief plate

Accessories for TOPJOB®S connectors		Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)			
Test plug, with cable 500-mm/1'7.7"		Strain relief plate, gray		Marker strips, with, plain, on roll	
 2.3 mm/0.091 in Ø	yellow 210-137 50 (5 x 10)	 snappable onto connector strips		 11 mm/0.039 in wide	
Test plug, with cable 500-mm/1'7.7"		6 mm/0.236 in wide	734-327 100 (4 x 25)	WMB Inline, plain,	
 2 mm/0.079 in Ø	red 210-136 50 (5 x 10)	12.5 mm/0.492 in wide	734-328 100 (4 x 25)	stretchable 5 - 5.2mm,	
		25 mm/0.984 in wide	734-329 100 (4 x 25)	1,500 WMB markers, 5mm, on roll	
		35 mm/1.378 in wide	734-326 100 (4 x 25)	white 2009-115	
				1	

Modular Connectors with CAGE CLAMP®S Connection,

2006 Series

2010 Series

2016 Series

0.5 - 4 (6) mm² 500 V/6 kV/3 I_N 32 A Terminal block width 7.5 mm / 0.295 in  11 - 13 mm / 0.47 in	0.5 - 4 (6) mm² 500 V/6 kV/3 I_N 32 A Terminal block width 10 mm / 0.394 in  11 - 13 mm / 0.47 in	0.5 - 4 (6) mm² 500 V/6 kV/3 I_N 32 A Terminal block width 12 mm / 0.472 in  11 - 13 mm / 0.47 in
---	--	---



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
TOPJOB®S connector, for jumper contact slot, modular, gray		TOPJOB®S connector, for jumper contact slot, modular, gray		TOPJOB®S connector, for jumper contact slot, modular, gray	
1-pole	2006-511 50 (2x25)	1-pole	2010-511 50 (2x25)	1-pole	2016-511 50 (2x25)
Spacer module, can be snapped together, e.g., for bridging commoned terminal blocks		Spacer module, can be snapped together, e.g., for bridging commoned terminal blocks		Spacer module, can be snapped together, e.g., for bridging commoned terminal blocks	
gray	2006-549 50 (2x25)	gray	2010-549 50 (2x25)	gray	2016-549 50 (2x25)

Accessories Connector Strips

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

[illegible]

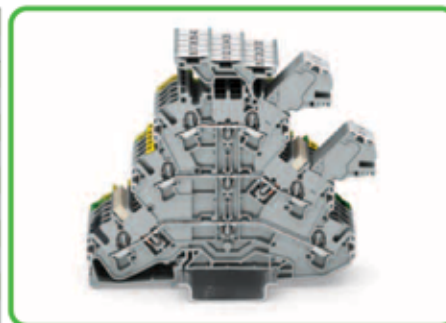
L-Type Test Plug Modules for Testing Rail-Mounted Terminal Blocks Terminal Block Width 5.2 mm via Conductor Wire Opening, 2002 Series

0.25 – 2.5 (4) mm² | AWG 22 – 12
300 V/6 kV/3
I_N 18 A
Terminal block width 5.2 mm / 0.205 in
10 – 12 mm / 0.43 in



Snapping together connectors and spacer modules to assemble a multipole connector.

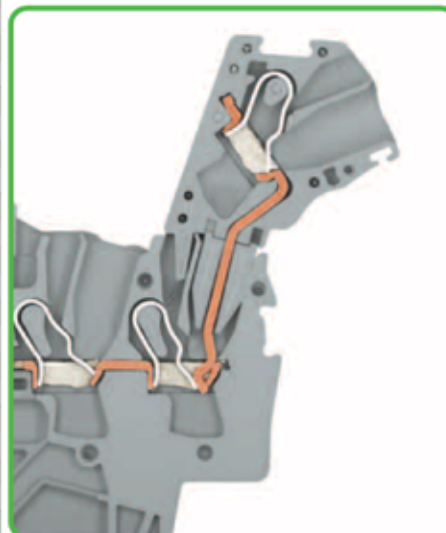
Item No.	Pack. Unit
TOPJOB®S test plug module, modular, gray	
According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.	
1-pole	2002-611 100 (4x25)
TOPJOB®S spacer, modular, gray	
e.g., for bridging commoned terminal blocks	
	2002-649 100 (4x25)
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/17.7 in cable, 2 mm Ø red 210-136 50
	with 500 mm/17.7 in cable, 2.3 mm Ø yellow 210-137 50
Strain relief plate, gray	
	35 mm wide 734-326 100 (4x25)
	6 mm wide 734-327 100 (4x25)
	12.5 mm wide 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 modules fitted in a triple-deck terminal block



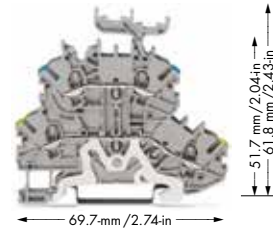
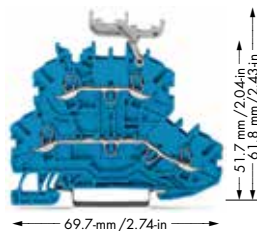
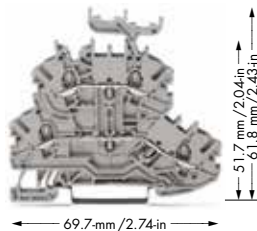
TOPJOB®S L-type test plug assembly consisting of:
L-test plug modules and spacer modules



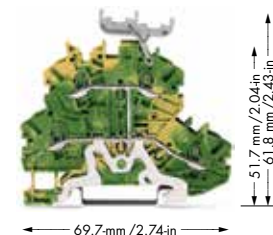
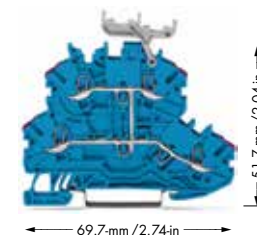
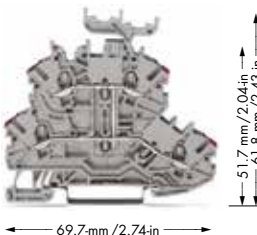
Simply push-in to conductor entry and pull out to remove

Double Deck Terminal Blocks 1 (1.5) mm²/AWG 16 2000 Series

0.14 – 1 (1.5) mm ² 500 V/6 kV/3 I _N 13.5 A	AWG 24 – 16 600 V, 10 A 600 V, 10 A	0.14 – 1 (1.5) mm ² 500 V/6 kV/3 I _N 13.5 A	AWG 24 – 16 600 V, 10 A 600 V, 10 A	0.14 – 1 (1.5) mm ² 500 V/6 kV/3 I _N 13.5 A	AWG 24 – 16
Terminal block width 3.5 mm / 0.138 in 9 – 11 mm / 0.39 in		Terminal block width 3.5 mm / 0.138 in 9 – 11 mm / 0.39 in		Terminal block width 3.5 mm / 0.138 in 9 – 11 mm / 0.39 in	



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Through/through terminal block, with marking carrier, housing color gray		Through/through terminal block, with marking carrier, housing color blue		Ground conductor/through terminal block, with marking carrier, housing color gray	
L/L 2000-2231	50	N/N 2000-2234	50	PE/N 2000-2247	50
N/L 2000-2232	50			PE/L 2000-2257	50
L/N 2000-2233	50	Through/through terminal block, without marking carrier, housing color blue		Ground conductor/through terminal block, without marking carrier, housing color gray	
L/L 2000-2201	50	N/N 2000-2204	50	PE/N 2000-2217	50
N/L 2000-2202	50			PE/L 2000-2227	50
L/N 2000-2203	50				



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
4-conductor through terminal block, with marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		4-conductor through terminal block, with marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		4-conductor ground terminal block, with marking carrier, internal commoning	
L 2000-2238	50	N 2000-2239	50	PE 2000-2237	50
4-conductor through terminal block, without marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		4-conductor through terminal block, without marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		4-conductor ground terminal block, without marking carrier, internal commoning	
L 2000-2208	50	N 2000-2209	50	PE 2000-2207	50

Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)

End and intermediate plate, 0.7 mm thick



orange 2000-2292 100 (4 x 25)
gray 2000-2291 100 (4 x 25)

Push-in type jumper bars, light gray, insulated, I_N 14 A



2-way 2000-402 200 (8 x 25)
3-way 2000-403 200 (8 x 25)
4-way 2000-404 200 (8 x 25)
5-way 2000-405 100 (4 x 25)
: :
10-way 2000-410 100 (4 x 25)

Double-deck marker carrier,



pivotable, gray
2000-121 50 (4 x 25)

Push-in type jumper bars, light gray, insulated, I_N 14 A



1 - 3 2000-433 200 (8 x 25)
1 - 4 2000-434 200 (8 x 25)
1 - 5 2000-435 100 (4 x 25)
: :
1 - 10 2000-440 100 (4 x 25)

Protective warning marker, with high voltage symbol,



for 5 terminal blocks
yellow 2000-115 100 (4 x 25)

Marking strip, white, plain



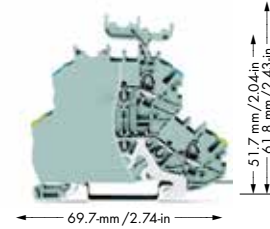
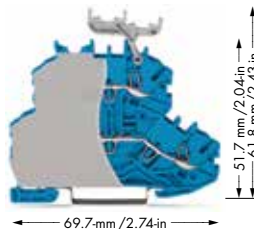
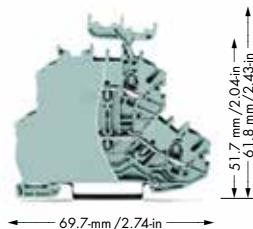
11 mm wide
50 m roll 2009-110 1

WMB Multi marking system,

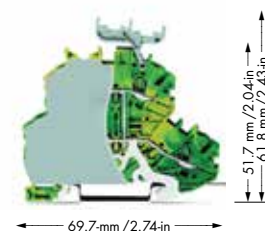
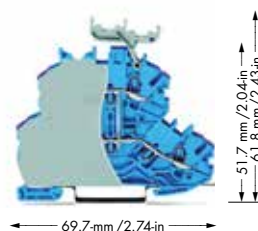
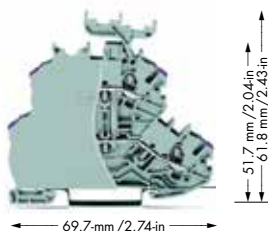
10 strips with 10 markers per card,
for 3.5 mm terminal block width
plain 793-3501 5

Double Deck Terminal Blocks 1 (1.5) mm² with End Plate/AWG 16 2000 Series

0.14 – 1 (1.5) mm ² 800 V/8 kV/3 I _N 13.5 A (18 A)	AWG 24 – 16 600 V, 10 A 600 V, 10 A	0.14 – 1 (1.5) mm ² 800 V/8 kV/3 I _N 13.5 A (18 A)	AWG 24 – 16 600 V, 10 A 600 V, 10 A	0.14 – 1 (1.5) mm ² 800 V/8 kV/3 I _N 13.5 A (18 A)	AWG 24 – 16
Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in		Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in		Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in	



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Through/through terminal block, with end plate with marking carrier, housing color gray		Through/through terminal block, with end plate with marking carrier, housing color blue		Ground conductor/through terminal block, with end plate with marking carrier, housing color gray	
L/L 2000-2231/099-000	50	N/N 2000-2234/099-000	50	PE/N 2000-2247/099-000	50
N/L 2000-2232/099-000	50			PE/L 2000-2257/099-000	50
L/N 2000-2233/099-000	50	Through/through terminal block, with end plate with outmarking carrier, housing color blue		Ground conductor/through terminal block, with end plate without marking carrier, housing color gray	
		N/N 2000-2204/099-000	50	PE/N 2000-2217/099-000	50
Through/through terminal block, with end plate without marking carrier, housing color gray				PE/L 2000-2227/099-000	50
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 pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
4-conductor through terminal block, with end plate with marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		4-conductor through terminal block, with end plate with marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		4-conductor ground terminal block, with end plate with marking carrier, internal commoning	
L 2000-2238/099-000	50	N 2000-2239/099-000	50	Housing color green-yellow	
				PE 2000-2237/099-000	50
4-conductor through terminal block, with end plate without marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		4-conductor through terminal block, with end plate without marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		4-conductor ground terminal block, with end plate without marking carrier, internal commoning	
L 2000-2208/099-000	50	N 2000-2209/099-000	50	Housing color green-yellow	
				PE 2000-2207/099-000	50

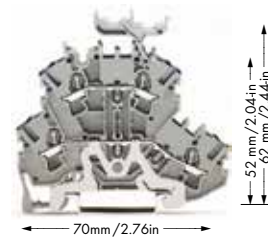
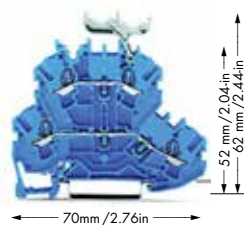
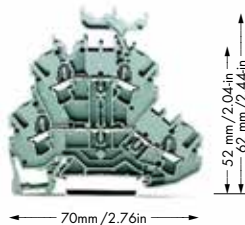
Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

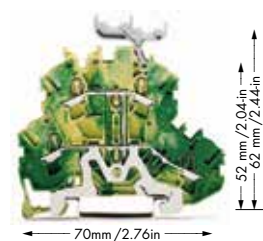
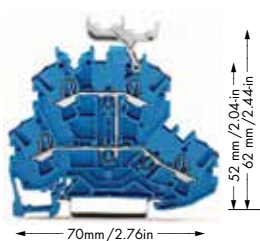
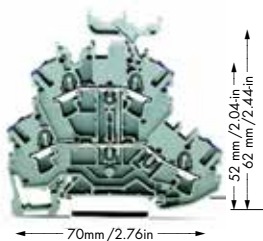
		Double-deck marker carrier, pivotal, gray 2000-121 50 (4 x 25)	Protective warning marker, with high voltage symbol, for 5 terminal blocks yellow 2000-115 100 (4 x 25)
Push-in type jumper bars, light gray, insulated, I_N 18 A 2-way 2001-402 200 (8 x 25) 3-way 2001-403 200 (8 x 25) 4-way 2001-404 200 (8 x 25) 5-way 2001-405 100 (4 x 25) : : 10-way 2001-410 100 (4 x 25)		Push-in type jumper bars, light gray, insulated, I_N 18 A 1 - 3 2001-433 200 (8 x 25) 1 - 4 2001-434 200 (8 x 25) 1 - 5 2001-435 100 (4 x 25) : : 1 - 10 2001-440 100 (4 x 25)	Marking strip, white, plain 11 mm wide 50 m roll 2009-110 1
			WMB Multi marking system, 10 strips with 10 markers per card, for 4-4.2 mm terminal block width plain 793-4501 5

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

0.25 – 2.5 (4) mm ² 800 V/8 kV/3 I _N 24 A Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 20 A  600 V, 20 A 	0.25 – 2.5 (4) mm ² 800 V/8 kV/3 I _N 24 A Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 20 A  600 V, 20 A 	0.25 – 2.5 (4) mm ² 800 V/8 kV/3 I _N 24 A Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 20 A  600 V, 20 A 
--	---	--	---	--	---



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Through/through terminal block, with marking carrier, housing color gray		Through/through terminal block, with marking carrier, housing color blue		Ground conductor/through terminal block, with marking carrier, housing color gray	
L/L 	2002-2231  50	N/N 	2002-2234  50	PE/N 	2002-2247  50
N/L 	2002-2232  50			PE/L 	2002-2257  50
L/N 	2002-2233  50	Through/through terminal block, with outmarking carrier, housing color blue		Ground conductor/through terminal block, without marking carrier, housing color gray	
		N/N 	2002-2204  50	PE/N 	2002-2217  50
Through/through terminal block, without marking carrier, housing color gray				PE/L 	2002-2227  50
L/L 	2002-2201  50				
N/L 	2002-2202  50				
L/N 	2002-2203  50				



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
4-conductor through terminal block, with marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		4-conductor through terminal block, with marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		4-conductor ground terminal block, with marking carrier, internal commoning Housing color green-yellow	
L 	2002-2238  50	N 	2002-2239  50	PE 	2002-2237  50
4-conductor through terminal block, without marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		4-conductor through terminal block, without marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		4-conductor ground terminal block, without marking carrier, internal commoning Housing color green-yellow	
L 	2002-2208  50	N 	2002-2209  50	PE 	2002-2207  50

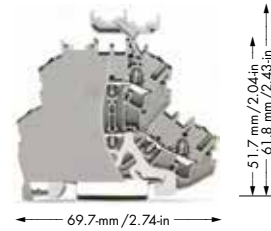
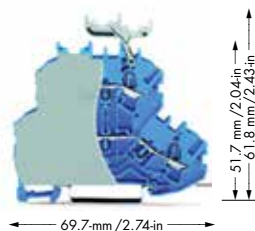
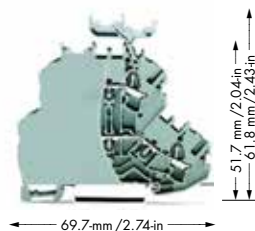
Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

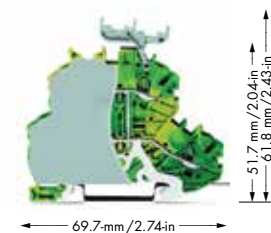
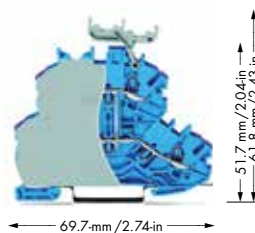
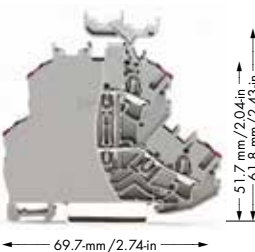
End and intermediate plate, 0.7 mm thick  orange 2002-2292 100 (4 x 25)  gray 2002-2291 100 (4 x 25)	Double-deck marker carrier,  pivotal, gray 2002-121 50 (4 x 25)	Protective warning marker, with high voltage symbol, for 5 terminal blocks  yellow 2002-115 100 (4 x 25)
Push-in type jumper bars, light gray, insulated, I_N 14 A  2-way 2002-402 200 (8 x 25) 3-way 2002-403 200 (8 x 25) 4-way 2002-404 200 (8 x 25) 5-way 2002-405 100 (4 x 25) : 10-way 2002-410 100 (4 x 25)	Push-in type jumper bars, light gray, insulated, I_N 14 A  1 - 3 2002-433 200 (8 x 25) 1 - 4 2002-434 200 (8 x 25) 1 - 5 2002-435 100 (4 x 25) : 1 - 10 2002-440 100 (4 x 25)	Marking strip, white, plain  11 mm wide 50 m roll 2009-110 1
		WMB Multi marking system,  10 strips with 10 markers per card, for 4-4.2 mm terminal block width plain 793-5501 5

Double Deck Terminal Blocks 2.5 (4) mm² with End Plate/AWG 12 2002 Series

0.25 – 2.5 (4) mm ² 800 V/8 kV/3 I _N 24 A Terminal block width 6.2 / 0.244 in 10 – 12 mm / 0.43 in	AWG 22 – 12 600 V, 20 A 600 V, 20 A	0.25 – 2.5 (4) mm ² 800 V/8 kV/3 I _N 24 A Terminal block width 6.2 / 0.244 in 10 – 12 mm / 0.43 in	AWG 22 – 12 600 V, 20 A 600 V, 20 A	0.25 – 2.5 (4) mm ² 800 V/8 kV/3 I _N 24 A Terminal block width 6.2 / 0.244 in 10 – 12 mm / 0.43 in	AWG 22 – 12
--	---	--	---	--	-------------



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Through/through terminal block, with end plate		Through/through terminal block, with end plate		Ground conductor/through terminal block, with end plate	
with marking carrier, housing color gray		with marking carrier, housing color blue		with marking carrier, housing color gray	
L/L 2002-2231/099-000	50	N/N 2002-2234/099-000	50	PE/N 2002-2247/099-000	50
N/L 2002-2232/099-000	50			PE/L 2002-2257/099-000	50
L/N 2002-2233/099-000	50	Through/through terminal block, with end plate		Ground conductor/through terminal block, with end plate	
Through/through terminal block, with end plate		without marking carrier, housing color blue		without marking carrier, housing color gray	
without marking carrier, housing color gray		N/N 2002-2204/099-000	50	PE/N 2002-2217/099-000	50
L/L 2002-2201/099-000	50			PE/L 2002-2227/099-000	50
N/L 2002-2202/099-000	50				
L/N 2002-2203/099-000	50				



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
4-conductor through terminal block, with end plate		4-conductor through terminal block, with end plate		4-conductor ground terminal block, with end plate	
with marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		with marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		with marking carrier, internal commoning	
L 2002-2238/099-000	50	N 2002-2239/099-000	50	Housing color green-yellow	
4-conductor through terminal block, with end plate		4-conductor through terminal block, with end plate		4-conductor ground terminal block, with end plate	
without marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		without marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		without marking carrier, internal commoning	
L 2002-2208/099-000	50	N 2002-2209/099-000	50	Housing color green-yellow	
				PE 2002-2207/099-000	50

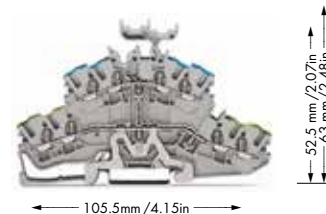
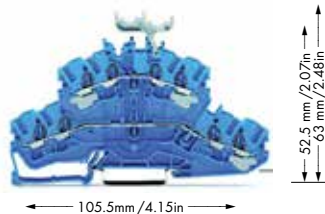
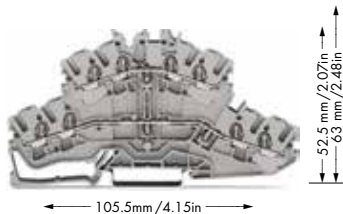
Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)

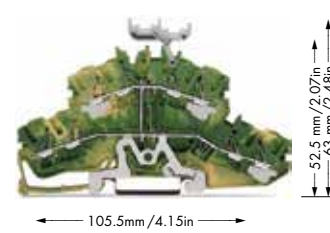
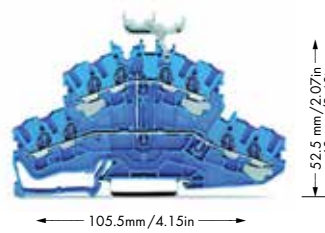
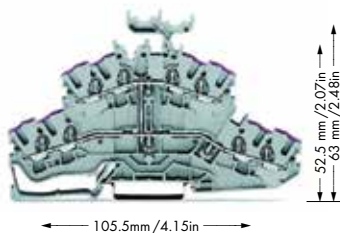
Double-deck marker carrier,		Protective warning marker, with high voltage symbol,	
pivotal, gray		for 5 terminal blocks	
2002-121 50 (4 x 25)		yellow 2000-115 100 (4 x 25)	
Push-in type jumper bars, light gray, insulated, I_N 32 A		Marking strip, white, plain	
2-way 2004-402 200 (8 x 25)		11 mm wide	
3-way 2004-403 200 (8 x 25)		50 m roll 2009-110 1	
4-way 2004-404 200 (8 x 25)		WMB Multi marking system,	
5-way 2004-405 100 (4 x 25)		10 strips with 10 markers per card,	
: : 1 - 10 2004-440 100 (4 x 25)		for 5.5.2 mm terminal block width	
10-way 2004-410 100 (4 x 25)		plain 793-5501 5	

4-Conductor, Double Deck Terminal Blocks 2.5 (4) mm²/AWG 12 2002 Series

0.25 – 2.5 (4) mm ² 800 V/8 kV/3 I _N 24 A (28 A) Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 600 V, 20 A  600 V, 20 A 	0.25 – 2.5 (4) mm ² 800 V/8 kV/3 I _N 24 A (28 A) Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 600 V, 20 A  600 V, 20 A 	0.25 – 2.5 (4) mm ² 800 V/8 kV/3 I _N 24 A (28 A) Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 600 V, 20 A  600 V, 20 A 
---	---	---	---	---	---



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Through/through terminal block, with marking carrier, housing color gray		Through/through terminal block, with marking carrier, housing color blue		Ground conductor/through terminal block, with marking carrier, housing color gray	
L/L 2002-2431 	50	N/N 2002-2434 	50	PE/N 2002-2447 	50
N/L 2002-2432 	50			PE/L 2002-2457 	50
L/N 2002-2433 	50	Through/through terminal block, without marking carrier, housing color blue		Ground conductor/through terminal block, without marking carrier, housing color gray	
		N/N 2002-2404 	50	PE/N 2002-2417 	50
Through/through terminal block, without marking carrier, housing color gray				PE/L 2002-2427 	50
L/L 2002-2401 	50				
N/L 2002-2402 	50				
L/N 2002-2403 	50				



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
8-conductor through terminal block, with marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		8-conductor through terminal block, with marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		8-conductor ground terminal block, with marking carrier, internal commoning Housing color green-yellow	
L 2002-2438 	50	N 2002-2439 	50	PE 2002-2437 	50
8-conductor through terminal block, without marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		8-conductor through terminal block, without marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		8-conductor ground terminal block, without marking carrier, internal commoning Housing color green-yellow	
L 2002-2408 	50	N 2002-2409 	50	PE 2002-2407 	50

Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

End and intermediate plate, 0.7 mm thick

	orange 2002-2492 100 (4 x 25)
	gray 2002-2491 100 (4 x 25)

Double-deck marker carrier,

	pivotable, gray 2002-121 50 (4 x 25)
---	---

Protective warning marker, with high voltage symbol,

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

Push-in type jumper bars, light gray, insulated, I_N 14 A

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

Push-in type jumper bars, light gray, insulated, I_N 14 A

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

Marking strip, white, plain

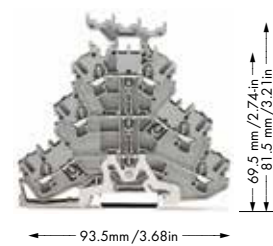
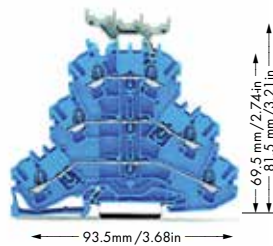
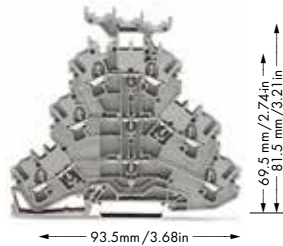
	11 mm wide 50 m roll 2009-110 1
---	--

WMB Multi marking system,

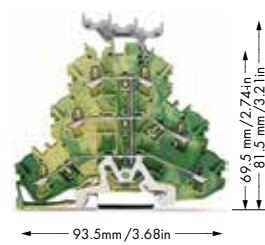
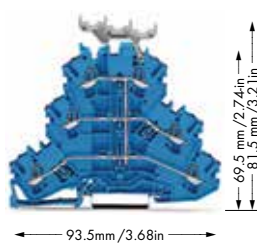
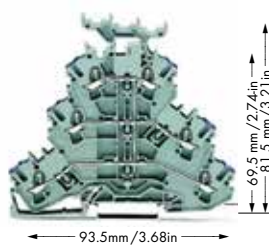
	10 strips with 10 markers per card, for 5-5.2 mm terminal block width plain 793-5501 5
---	---

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

0.25 – 2.5 (4) mm ² 500 V/6 kV/3 I _N 24 A (28 A) Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 20 A  600 V, 20 A 	0.25 – 2.5 (4) mm ² 500 V/6 kV/3 I _N 24 A (28 A) Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 20 A  600 V, 20 A 	0.25 – 2.5 (4) mm ² 500 V/6 kV/3 I _N 24 A (28 A) Terminal block width 5.2 / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12
---	---	---	---	---	-------------



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Through/through/through terminal block, with marking carrier, housing color gray		Through/through/through terminal block, with marking carrier, housing color blue		Ground conductor/through/through terminal block, with marking carrier, housing color gray	
L/L/L 	2002-3231 50	N/N/N 	2002-3234 50	PE/N/L 	2002-3247 50
L/L/N 	2002-3233 50			PE/L/L 	2002-3257 50
Through/through terminal block, without marking carrier, housing color gray		Through/through terminal block, without marking carrier, housing color blue		Ground conductor/through terminal block, without marking carrier, housing color gray	
L/L/L 	2002-3201 50	N/N/N 	2002-3204 50	PE/N/L 	2002-3217 50
L/L/N 	2002-3203 50			PE/L/L 	2002-3227 50



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
6-conductor through terminal block, with marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		6-conductor through terminal block, with marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		6-conductor ground terminal block, with marking carrier, internal commoning	
L 	2002-3238 50	N 	2002-3239 50	PE 	2002-3237 50
6-conductor through terminal block, without marking carrier, internal commoning, conductor entry position colored in violet, housing color gray		6-conductor through terminal block, without marking carrier, internal commoning, conductor entry position colored in violet, housing color blue		6-conductor ground terminal block, without marking carrier, internal commoning	
L 	2002-3208 50	N 	2002-3209 50	PE 	2002-3207 50

Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

End and intermediate plate, 0.7 mm thick		Triple-deck marker carrier,		Protective warning marker, with high voltage symbol,	
	orange 2002-3292 100 (4 x 25)		pivotable, gray 2002-131 50 (4 x 25)		for 5 terminal blocks yellow 2002-115 100 (4 x 25)
Push-in type jumper bars, light gray, insulated, I_N 14 A		Push-in type jumper bars, light gray, insulated, I_N 14 A		Marking strip, white, plain	
	2-way 2002-402 200 (8 x 25)		1 - 3 2002-433 200 (8 x 25)		11 mm wide
	3-way 2002-403 200 (8 x 25)		1 - 4 2002-434 200 (8 x 25)		50 m roll 2009-110 1
	4-way 2002-404 200 (8 x 25)		1 - 5 2002-435 100 (4 x 25)		
	5-way 2002-405 100 (4 x 25)		:		
	:		:		
	10-way 2002-410 100 (4 x 25)		1 - 10 2002-440 100 (4 x 25)		
				WMB Multi marking system,	
					10 strips with 10 markers per card, for 5-5.2 mm terminal block width plain 793-5501 5

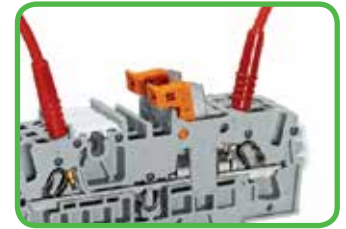
Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

For motor and sensor applications



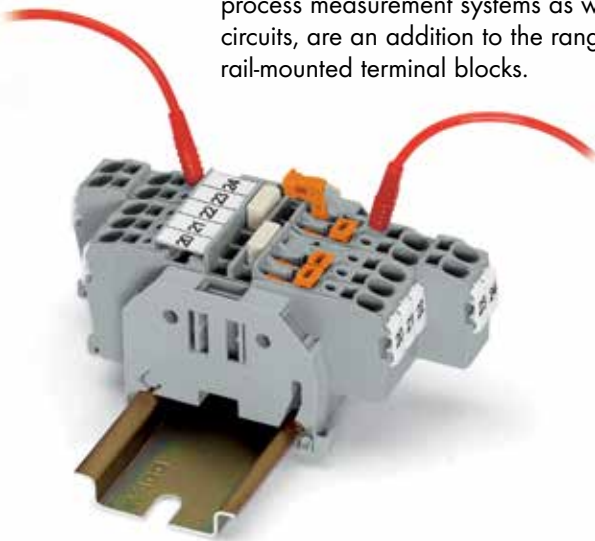


Movable knife disconnects clearly indicate the circuit state.



2- and 4-conductor disconnect terminal blocks

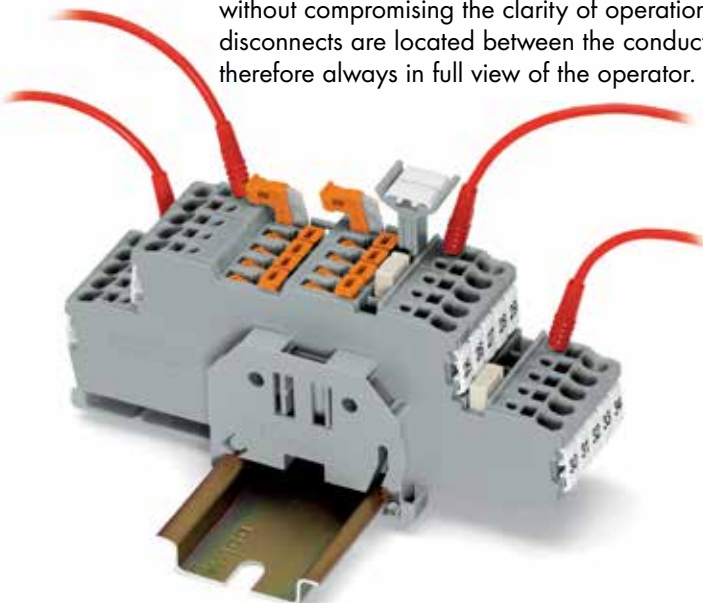
The 5.2 mm wide 2- and 4-conductor disconnect terminal blocks, that can be used in both control and process measurement systems as well as transformer circuits, are an addition to the range of TOPJOB®S rail-mounted terminal blocks.



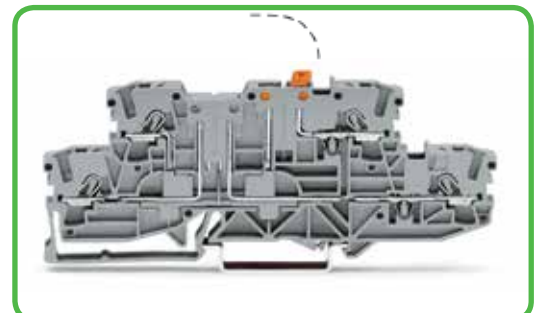
Two lateral and one center marker receptacle for WMB markers or marking strips. Dual jumper slots, in the same position as the other 2002 Series terminal blocks. Commoning options in front of or behind the knife disconnect, depending on which is the power supply side.

Double deck double disconnect terminal blocks

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

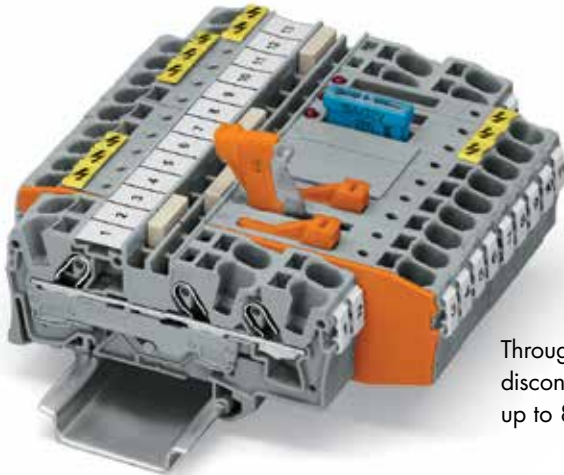


Disconnect terminal block for test and measurement, with knife disconnect, mechanical interlock and extra jumper location.

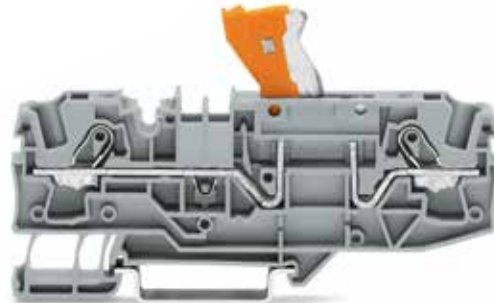


One disconnect and one through terminal block are accommodated on two levels in a terminal block that is only 5.2 mm wide.

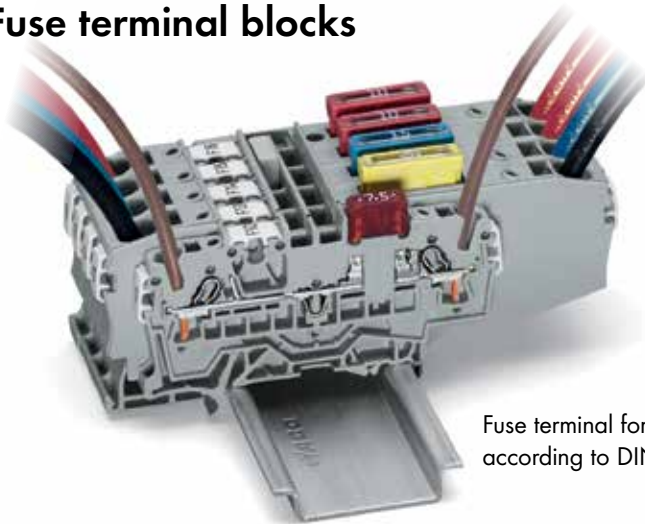
Disconnect and ground conductor disconnect terminal blocks



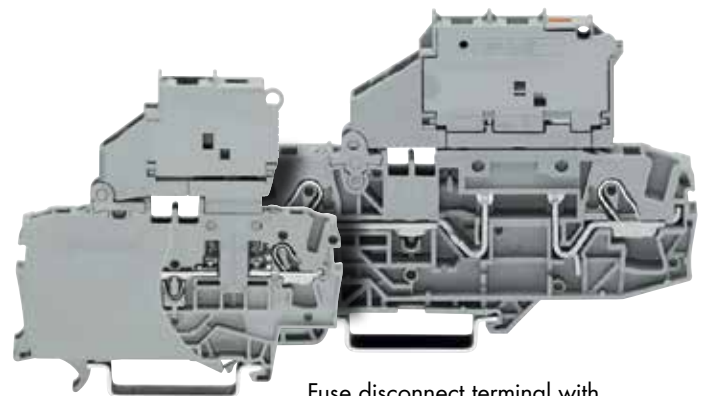
Through terminal blocks and disconnect terminal blocks up to 8 AWG (6 mm²)



Fuse terminal blocks

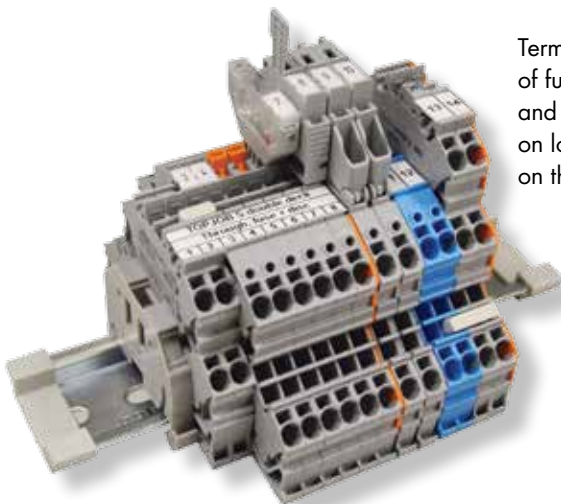


Fuse terminal for automotive fuse according to DIN 72581-3f



Fuse disconnect terminal with pivoting fuse holder for 5 x 20 mm and 1/4" x 1 1/4" fuses

Double-deck fuse and disconnect terminal blocks



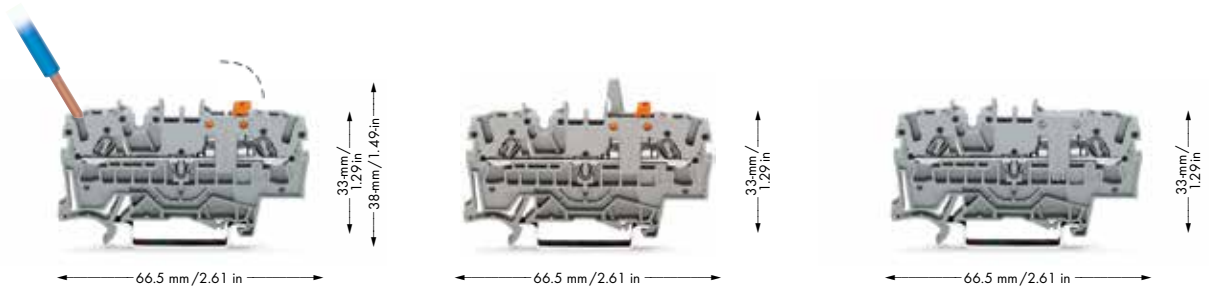
Terminal blocks combining functions of fusing or disconnect on upper level and through or ground connections on lower level save valuable space on the DIN-rail



Pivoting fuse holder to locked open position

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

0.25 – 2.5 (4) mm ² 400 V/6 kV/3 16 A	AWG 22 – 12 300 V, 15 A 600 V, 10 A	0.25 – 2.5 (4) mm ² 400 V/6 kV/3 16 A	AWG 22 – 12 300 V, 15 A 600 V, 10 A	0.25 – 2.5 (4) mm ² 400 V/6 kV/3 16 A	AWG 22 – 12 300 V, 15 A 600 V, 10 A
Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in		Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in		Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor disconnect terminal block for test and measurement		2-conductor disconnect terminal block for test and measurement with mechanical interlock, with test point,		2-conductor through terminal blocks, same profile as disconnect terminal block	
gray	2002-1671	orange disconnect link		gray	2002-1601
blue	2002-1674	gray	2002-1671/401-000	blue	2002-1604
orange	2002-1672	blue	2002-1674/401-000	orange	2002-1602
		orange	2002-1672/401-000		

Item-specific accessories

End and intermediate plate, 1 mm / 0.039 in thick		End and intermediate plate, 1 mm / 0.039 in thick		End and intermediate plate, 1 mm / 0.039 in thick	
orange	2002-1692 100 (4 x 25)	orange	2002-1692 100 (4 x 25)	orange	2002-1692 100 (4 x 25)
gray	2002-1691 100 (4 x 25)	gray	2002-1691 100 (4 x 25)	gray	2002-1691 100 (4 x 25)

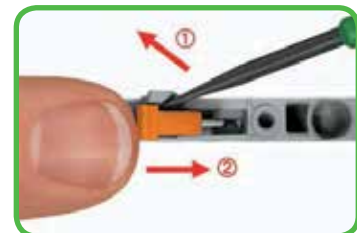
Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)

Insulation stop, 5 pcs/strip 200 strips		Protective warning marker,	
light gray	2002-171 0.250.5 mm ²	for 5 terminal blocks	
dark gray	2002-172 0.75-1 mm ²	yellow	2002-115 100 (4 x 25)
Push-in type jumper bars, light gray, insulated, I_N 25 A		Slim style jumper, light gray, insulated, I_N 25 A	
2-way	2002-402 200 (8 x 25)	2-way	2002-472 100 (4 x 25)
3-way	2002-403 200 (8 x 25)	3-way	2002-473 100 (4 x 25)
4-way	2002-404 200 (8 x 25)	4-way	2002-474 100 (4 x 25)
5-way	2002-405 100 (4 x 25)	5-way	2002-475 50 (2 x 25)
:	:	:	:
10-way	2002-410 100 (4 x 25)	12-way	2002-482 50 (2 x 25)
Push-in type jumper bars, light gray, insulated, I_N 25 A		Test plug adapter, for test plug 4 mm / 0.157 in Ø	
1 - 3	2002-433 200 (8 x 25)	2009-174	100 (4 x 25)
1 - 4	2002-434 200 (8 x 25)		
1 - 5	2002-435 100 (4 x 25)		
:	:		
1 - 10	2002-440 100 (4 x 25)		
Modular TOPJOB®S connector**, for jumper contact slot		Testing tap, for max. 2.5 mm²	
1 pole	2002-511 100 (4 x 25)	2009-182	100 (4 x 25)
Spacer, modular 2002-549 100 (4 x 25)		Two-way marking adapter, pivotable	
		2002-121	50 (4 x 25)
Test plug, with cable 500-mm / 1'7.7"			
2 mm / 0.079 in Ø			
red	210-136 50 (5 x 10)		



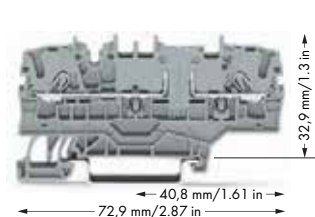
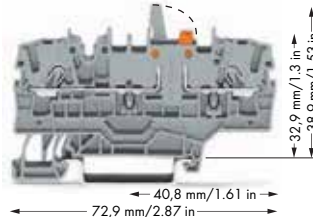
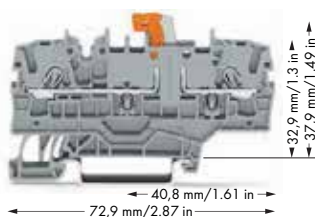
2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock (open position)



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

Disconnect Terminal Blocks with and without Mechanical Interlock with Additional Jumper Position, 2002 Series

0.25 – 2.5 (4) mm ² 400 V/6 kV/3 16 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 15 A 600 V, 10 A	0.25 – 2.5 (4) mm ² 400 V/6 kV/3 16 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 15 A 600 V, 10 A	0.25 – 2.5 (4) mm ² 400 V/6 kV/3 I _N 16 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 15 A 600 V, 10 A
--	---	--	---	---	---



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link, with additional jumper position		2-conductor disconnect terminal block for test and measurement with mechanical interlock, with test point, orange disconnect link, with additional jumper position		2-conductor through terminal block, with test point, with additional jumper position, same profile as 2-conductor disconnect terminal block	
gray 2002-1971	50	gray 2002-1971/401-000	50	gray 2002-1901	50
blue 2002-1974	50	blue 2002-1974/401-000	50	blue 2002-1904	50
orange 2002-1972	50	orange 2002-1972/401-000	50	orange 2002-1902	50
				2-conductor ground terminal block	
				green-yellow 2002-1907	50
				Other terminal blocks with the same profile:	
				Carrier 2002-1961	Page 47
				Fuse 2002-1981	Page 40

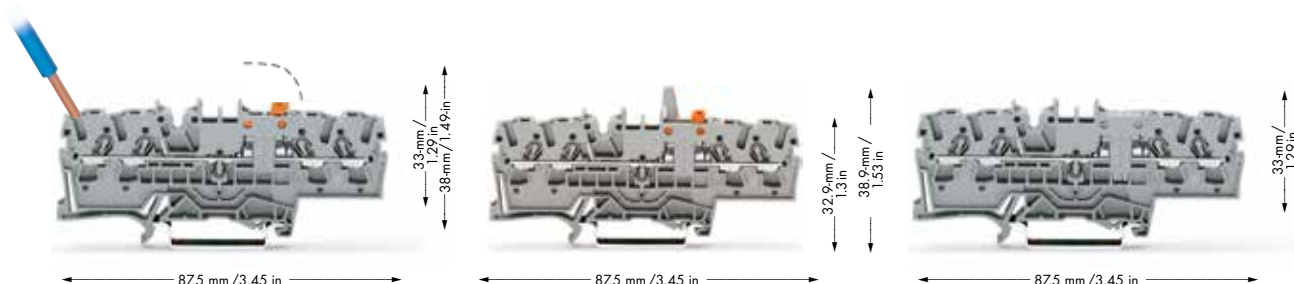
Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

End and intermediate plate, 1 mm thick orange 2002-1992 100 (4x25) gray 2002-1991 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)		Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks yellow 2002-115 100 (4x25)	
Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm ² light gray 2002-171 200 (8x25)				Test plug adapter, for test plug 4 mm Ø gray 2009-174 100 (4x25)	
Insulation stop, 5 pcs/strip, 0.75 - 1 mm ² dark gray 2002-172 200 (8x25)				Testing tap, for max. 2.5 mm ² gray 2009-182 100 (4x25)	
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)		Slim style jumper, 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)		Modular TOPJOB®S connector, can be snapped together, for jumper contact slot gray 2002-511 100 (4x25)	
Push-in type wire jumper, insulated, I _N 16 A, wire size 1.5 mm ² 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, I _N 25 A, light gray 2-way 2002-400 100 (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 test plug module, can be snapped together gray 2002-611 100 (4x25)	
				Test plug, with 500 mm cable, 2 mm Ø red 210-136 50	

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

0.25 – 2.5 (4) mm ² 400 V/6 kV/3 16 A	AWG 22 – 12 300 V, 15 A 600 V, 15 A	0.25 – 2.5 (4) mm ² 400 V/6 kV/3 16 A	AWG 22 – 12 300 V, 15 A 600 V, 15 A	0.25 – 2.5 (4) mm ² 400 V/6 kV/3 I _N 16 A	AWG 22 – 12 300 V, 15 A 600 V, 10 A
Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in		Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in		Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	



Item No.	Pack-unit pcs	Item No.	Pack-unit pcs	Item No.	Pack-unit pcs
4-conductor disconnect terminal block for test and measurement		4-conductor disconnect terminal block for test and measurement with mechanical interlock, with test point, orange disconnect link		4-conductor through terminal blocks, same profile as disconnect terminal block	
gray	2002-1871	gray	2002-1871/401-000 50	gray	2002-1801
blue	2002-1874	blue	2002-1874/401-000 50	blue	2002-1804
orange	2002-1872	orange	2002-1872/401-000 50	orange	2002-1802

Item-specific accessories

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

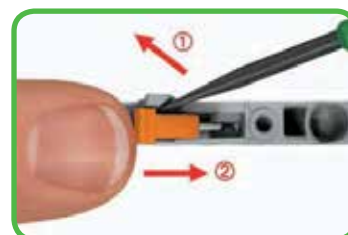
Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)

Insulation stop, 5 pcs/strip 200 strips light gray 2002-171 0.25-0.5 mm ² dark gray 2002-172 0.75-1 mm ²	Protective warning marker, for 5 terminal blocks yellow 2002-115 100 (4 x 25)
Push-in type jumper bars, light gray, insulated, I_N 25 A 2-way 2002-402 200 (8 x 25) 3-way 2002-403 200 (8 x 25) 4-way 2002-404 200 (8 x 25) 5-way 2002-405 100 (4 x 25) 10-way 2002-410 100 (4 x 25)	Slim style jumper, light gray, insulated, I_N 25 A 2-way 2002-472 100 (4 x 25) 3-way 2002-473 100 (4 x 25) 4-way 2002-474 100 (4 x 25) 5-way 2002-475 50 (2 x 25) 12-way 2002-482 50 (2 x 25)
Push-in type jumper bars, light gray, insulated, I_N 25 A 1 - 3 2002-433 200 (8 x 25) 1 - 4 2002-434 200 (8 x 25) 1 - 5 2002-435 100 (4 x 25) 1 - 10 2002-440 100 (4 x 25)	Test plug adapter, for test plug 4 mm/0.157 in Ø 2009-174 100 (4 x 25)
Modular TOPJOB®S connector**, for jumper contact slot 1 pole 2002-511 100 (4 x 25)	Testing tap, for max. 2.5 mm² 2009-182 100 (4 x 25)
Spacer, modular 2002-549 100 (4 x 25)	Two-way marking adapter, pivotable 2002-121 50 (4 x 25)
Test plug, with cable 500-mm/1'7.7" 2 mm/0.079 in Ø red 210-136 50 (5 x 10)	



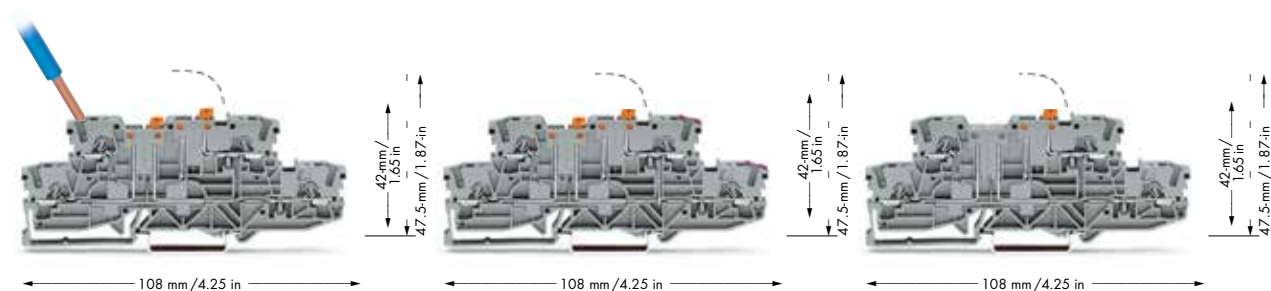
2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock (open position)



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

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

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



Item No.	Pack-unit pcs	Item No.	Pack-unit pcs	Item No.	Pack-unit pcs
4-conductor double deck double disconnect terminal blocks		4-conductor double deck double disconnect terminal blocks , lower deck and upper deck internally commoned on right side and with violet marking		4-conductor double deck disconnect terminal blocks , with disconnect on upper deck only, same profile as double deck double disconnect terminal blocks	
gray	2002-2951 	gray	2002-2958 	gray	2002-2971 
blue	2002-2954 	blue	2002-2959 	blue	2002-2974 
gray N/L	2002-2952 			gray N/L	2002-2972 
Circuit:		Circuit:		Circuit:	
					
					

Item-specific accessories

End and intermediate plate, 1 mm /0.039 in thick  orange 2002-2992 100 (4 x 25)  gray 2002-2991 100 (4 x 25)	End and intermediate plate, 1 mm /0.039 in thick  orange 2002-2992 100 (4 x 25)  gray 2002-2991 100 (4 x 25)	End and intermediate plate, 1 mm /0.039 in thick  orange 2002-2992 100 (4 x 25)  gray 2002-2991 100 (4 x 25)
--	--	--

Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

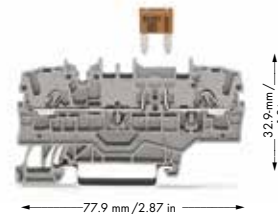
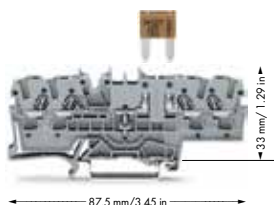
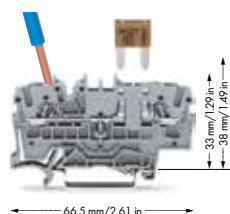
Insulation stop, 5 pcs/strip  light gray 2002-171 0.25-0.5 mm ² dark gray 2002-172 0.75-1 mm ²	Protective warning marker,  for 5 terminal blocks yellow 2002-115 100 (4 x 25)	Test plug, with cable 500-mm/1'7.7"  2 mm/0.079 in Ø red 210-136 50 (5 x 10)
Push-in type jumper bars, light gray, insulated, I_N 25 A  2-way 2002-402 200 (8 x 25) 3-way 2002-403 200 (8 x 25) 4-way 2002-404 200 (8 x 25) 5-way 2002-405 100 (4 x 25) : 10-way 2002-410 100 (4 x 25)	Push-in type jumper bars, light gray, insulated, I_N 25 A  1 - 3 2002-433 200 (8 x 25) 1 - 4 2002-434 200 (8 x 25) 1 - 5 2002-435 100 (4 x 25) : 1 - 10 2002-440 100 (4 x 25)	Slim style jumper, light gray, insulated, I_N 25 A  2-way 2002-472 100 (4 x 25) 3-way 2002-473 100 (4 x 25) 4-way 2002-474 100 (4 x 25) 5-way 2002-475 50 (2 x 25) : 12-way 2002-482 50 (2 x 25)

[illegible]

Carrier terminal block 2002-2961 with disconnect plug 2002-401 in operating position. See page 52.

Fuse Terminal Blocks for (Mini-Automotive) Blade-Type Fuses acc. to DIN 72581-3f, ISO 8820-3, 2002 Series

0.25 – 2.5 (4) mm² 400 V/6 kV/3 I _N 10 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 10 A  600 V, 6.3 A  Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm² 400 V/6 kV/3 I _N 10 A Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	AWG 22 – 12 300 V, 10 A  600 V, 6.3 A  Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in
---	---	---	---



Item no.	Pack. unit	Item no.	Pack. unit	Item no.	Pack. unit
2-conductor fuse terminal blocks		4-conductor fuse terminal blocks		2-conductor fuse terminal blocks	
gray	2002-1681	gray	2002-1881	gray	2002-1981

Article-specific accessories

End and intermediate plate, 1 mm/0.039 in thick  orange 2002-1692 100 (4 x 25)  gray 2002-1691 100 (4 x 25)	End and intermediate plate, 1 mm/0.039 in thick  orange 2002-1892 100 (4 x 25)  gray 2002-1891 100 (4 x 25)	End and intermediate plate, 1 mm/0.039 in thick  orange 2002-1992 100 (4 x 25)  gray 2002-1991 100 (4 x 25)
--	--	--

Accessories

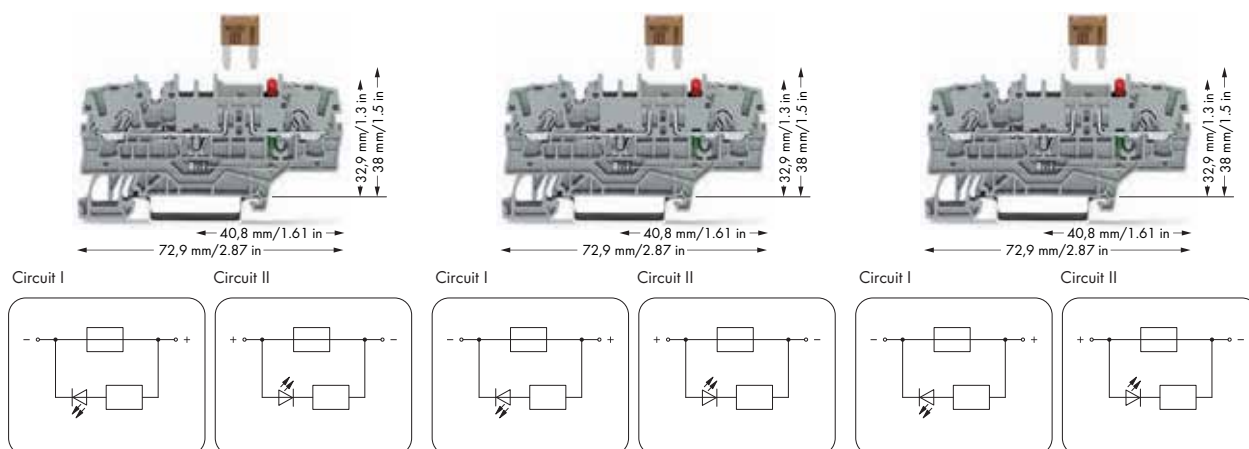
Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

Insulation stop, 5 pcs/strip 200 strips  light gray 2002-171 0.25-0.5 mm ² dark gray 2002-172 0.75-1 mm ²	Protective warning marker, with high voltage symbol, black, for 5 terminal blocks  yellow 2002-115 100 (4 x 25)	The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23°C). Selecting the correct fuse cartridge is important for product safety within applications as well as the service life/operational reliability of the fuse cartridges. Fuse cartridges can operate perfectly as protection (break-off point) if they are properly selected and are used in accordance with the manufacturers specifications. In general it is necessary to test fuse cartridges under normal conditions and operational failures within your application.
Push-in type jumper bars, light gray, insulated, I_N 25 A  2-way 2002-402 200 (8 x 25) 3-way 2002-403 200 (8 x 25) 4-way 2002-404 200 (8 x 25) 5-way 2002-405 100 (4 x 25) : : 10-way 2002-410 100 (4 x 25)	Slim style jumpers, light gray, insulated, I_N 25 A  2-way 2002-472 100 (4 x 25) 3-way 2002-473 100 (4 x 25) 4-way 2002-474 100 (4 x 25) 5-way 2002-475 50 (2 x 25) : : 12-way 2002-482 50 (2 x 25)	
Push-in type jumper bars, light gray, insulated, I_N 25 A  1 - 3 2002-433 200 (8 x 25) 1 - 4 2002-434 200 (8 x 25) 1 - 5 2002-435 100 (4 x 25) : : 1 - 10 2002-440 100 (4 x 25)	Test plug adapter, for test plug Ø 4 mm/0.157 in  2009-174 100 (4 x 25)	
Modular TOPJOB®S connector, for jumper contact slot  1 pole 2002-511 100 (4 x 25)	Two-way marking adapter, pivotal  2002-121 50 (2 x 25)	
Spacer, modular 2002-549 100 (4 x 25)	Testing tap, for max. 2.5 mm²/AWG 14  2009-182 100 (4 x 25)	
Blade-type fuses acc. to DIN 72581-3f / ISO 8820-3 (contact WAGO) 	Test plug, with cable 500mm/1'7.7", Ø 2 mm/0.079 in  red 210-136 50 (5 x 10)	

With regard to the product safety, it is in general necessary to test the fuse in the appliance under normal conditions and operational failures.

Fuse Terminal Blocks for (Mini-Automotive) Blade-Type Fuses with Indication or Additional Jumper Position, 2002 Series

0.25 – 2.5 (4) mm ² 400 V/6 kV/3 I _N 10 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	AWG 22 – 12 12 V, 10 A 600 V, 6.3 A	0.25 – 2.5 (4) mm ² 400 V/6 kV/3 I _N 10 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	AWG 22 – 12 24 V, 10 A 600 V, 6.3 A	0.25 – 2.5 (4) mm ² 400 V/6 kV/3 I _N 10 A Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	AWG 22 – 12 48 V, 10 A 600 V, 6.3 A
---	---	---	---	---	---



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		2-conductor fuse terminal block for mini-automotive blade-style fuses,		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		24 V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray		48 V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray	
Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		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 I	2002-1981/1000-413 50	Circuit I	2002-1981/1000-414 50
Circuit II	2002-1981/1000-449 50	Circuit II	2002-1981/1000-434 50	Circuit II	2002-1981/1000-435 50
Other terminal blocks with the same profile:					
Through	2002-1901 Page 37				

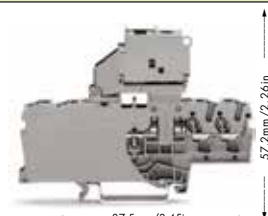
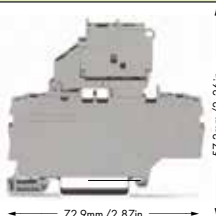
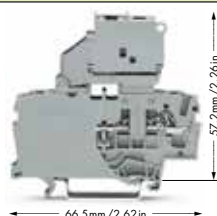
Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)

End and intermediate plate, 1 mm thick		Push-in type wire jumper,		Slim style jumpers	
orange	2002-1992 100 (4x25)	insulated,		insulated,	
gray	2002-1991 100 (4x25)	I _N 16 A,		I _N 25 A,	
Insulation stop,		wire size 1.5 mm ²		light gray	
5 pcs/strip,		L = 60 mm	2009-412 100 (10x10)	2-way	2002-472 100 (4x25)
0.25 - 0.5 mm ²		L = 110 mm	2009-414 100 (10x10)	3-way	2002-473 100 (4x25)
light gray	2002-171 200 (8x25)	L = 250 mm	2009-416 100 (10x10)	4-way	2002-474 100 (4x25)
Insulation stop,		Adjacent jumper for continuous commoning,		5-way	2002-475 50 (2x25)
5 pcs/strip,		insulated, I _N 25 A,		6-way	2002-476 50 (2x25)
0.75 - 1 mm ²		light gray		7-way	2002-477 50 (2x25)
dark gray	2002-172 200 (8x25)	2-way	2002-400 100 (4x25)	8-way	2002-478 50 (2x25)
Push-in type jumper bar, insulated,		Push-in type jumper bar, insulated,		9-way	2002-479 50 (2x25)
I _N 25 A,		I _N 25 A,		10-way	2002-480 50 (2x25)
light gray		light gray		11-way	2002-481 50 (2x25)
2-way	2002-402 200 (8x25)	from 1 to 3	2002-433 200 (8x25)	12-way	2002-482 50 (2x25)
3-way	2002-403 200 (8x25)	from 1 to 4	2002-434 200 (8x25)	Protective warning marker,	
4-way	2002-404 200 (8x25)	from 1 to 5	2002-435 100 (4x25)	with high-voltage symbol, black,	
5-way	2002-405 100 (4x25)	from 1 to 6	2002-436 100 (4x25)	for 5 terminal blocks	
6-way	2002-406 100 (4x25)	from 1 to 7	2002-437 100 (4x25)	yellow	2002-115 100 (4x25)
7-way	2002-407 100 (4x25)	from 1 to 8	2002-438 100 (4x25)		
8-way	2002-408 100 (4x25)	from 1 to 9	2002-439 100 (4x25)		
9-way	2002-409 100 (4x25)	from 1 to 10	2002-440 100 (4x25)		
10-way	2002-410 100 (4x25)				

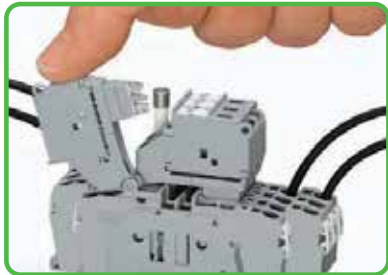
Fuse Disconnect Terminal Blocks with Pivotal Fuse Holder for Miniature Metric Fuses 5 x 20 mm, 2002 Series

0.25 – 2.5 (4) mm² 250 V/6 kV/3 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	0.25 – 2.5 (4) mm² 250 V/6 kV/3 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	0.25 – 2.5 (4) mm² 250 V/6 kV/3 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
--	--	--

[illegible]



Fuse terminal blocks with a width of 6.2 mm/0.244 in can be assembled adjacently. If there is **no** adjacent fuse terminal block at the end of the assembly, an end plate must be used.



Pivoting the fuse holder in the locked open position.

When selecting miniature metric fuses, the maximum power loss listed below should not be exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient temperatures 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 metric fuses 5 x 20

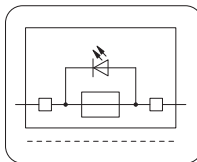
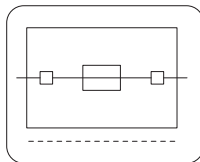
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual arrangement	Group arrangement	Individual arrangement	Group arrangement
Fuse terminal blocks				
2002-1611	1.6 W	1.6 W	2.5 W	2.5 W
2002-1811				
2002-1911				
2002-1811/.....	1.6 W	1.6 W	2.5 W	2.5 W
2002-1611/.....				
2002-1911/.....				

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

Series 2004 Fuse Plugs on 2002 Series Carrier Terminal Blocks

Fuse plug with pull-tab
for miniature metric 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 metric fuses 5 x 20 mm
250 V / I_N 6.3 A
Plug width 6.1 mm / 0.24 in



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

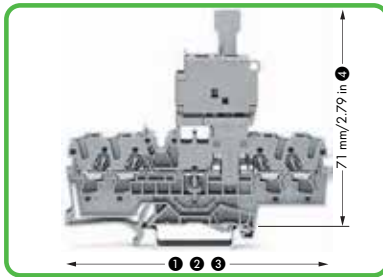
Item No.	Pack. Unit	Item No.	Pack. Unit
Fuse plug with pull-tab, for miniature metric fuses 5 x 20 mm Nominal voltage and current are given by the fuse.		Fuse plug with pull-tab, for miniature metric fuses 5 x 20 mm, with indicator lamp, gray Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA	
gray	2004-911 50	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 (see pages 96 - 101)

2-conductor carrier terminal block, ① 0.25 - 2.5 (4) mm ² / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in gray 2002-1661 50		Double-deck carrier terminal block, 0.25 - 2.5 (4) mm ² / 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) mm ² / AWG 22-12 L/L 2002-2661 N/L 2002-2662 PE/L 2002-2667	
End and intermediate plate, 1 mm thick orange 2002-1692 100 (4x25) gray 2002-1691 100 (4x25)		Double-deck carrier terminal block, 0.25 - 2.5 (4) mm ² / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in L/N 2002-2963 50		End and Intermediate Plate, 1mm thick orange 2002-2692 gray 2001-2691	
4-conductor carrier terminal block, ② 0.25 - 2.5 (4) mm ² / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in gray 2002-1861 50		End and intermediate plate, 1 mm thick orange 2002-2992 100 (4x25) gray 2002-2991 100 (4x25)			
End and intermediate plate, 1 mm thick orange 2002-1892 100 (4x25) gray 2002-1891 100 (4x25)		End plate for fuse terminal blocks, 2 mm thick orange 2002-992 100 (4x25) gray 2002-991 100 (4x25)			
2-conductor carrier terminal block, ③ 0.25 - 2.5 (4) mm ² / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in gray 2002-1961 50		Shorting link, 5 x 20 mm, if the fuse plug is used as disconnect plug I _N 6.3 A 281-503 250 (10x25)			
End and intermediate plate, 1 mm thick orange 2002-1992 100 (4x25) gray 2002-1991 100 (4x25)		Disconnect Plug, orange 2002-401 100 (4x25)			
		Component Plug gray 2002-8xx See pages 67 - 69			

Technical Information



Fuse plug dimensions:

- ① 66.5 mm/2.62 in for 2002-1661
- ② 87.5 mm/3.45 in for 2002-1861
- ③ 72.9 mm/2.87 in for 2002-1961
- ④ 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:

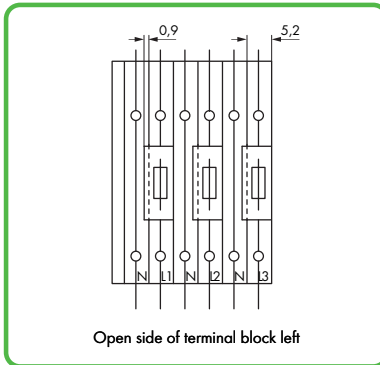
- No additional cost for assembly and wiring
- No risk of accidental contact with live parts during disconnection of fuse plug
- If exchanging a defective fuse, the fuse plug is completely separated from the carrier terminal block. This provides safe fuse changeout away from current carrying parts.
- 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/0.24 in width of terminal block/fuse plug
- Instead of a fuse, a shorting link may be used as a disconnect plug.

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				
2004-911				
2004-911/.....	1.6 W	1.6 W	2.5 W	2.5 W



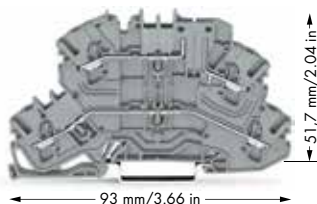
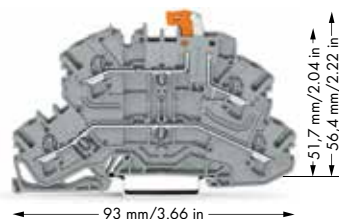
Please note:

The extra width of the plug (6.1 mm/0.24 in compared to 5.2 mm/0.2 in for carrier terminal blocks) must be compensated for by intermediate plates (1 mm/0.039 in) when building an assembly of carrier terminal blocks equipped with fuse plugs.

Double-Deck Disconnect Terminal Blocks and Carrier Terminal Blocks

2.5 (4) mm²/AWG 12, 2002 Series

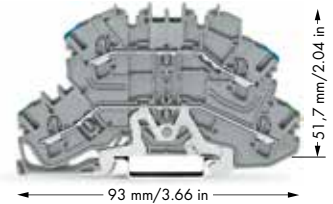
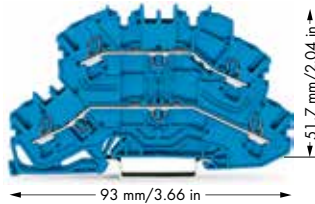
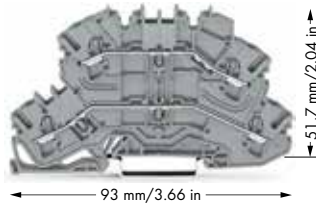
0.25 - 2.5 (4) mm ² 400 V/6 kV/3 I _N 16 A Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in	AWG 22 - 12	0.25 - 2.5 (4) mm ² 400 V/6 kV/3 I _N 16 A Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in	AWG 22 - 12
---	-------------	---	-------------



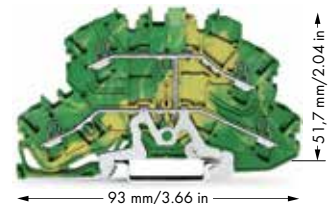
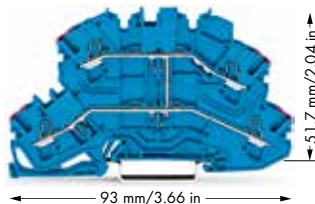
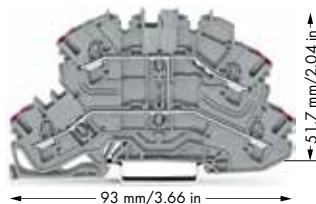
Item No.	Pack. Unit	Item No.	Pack. Unit	2002 Series Accessories	
Double-deck disconnect terminal block, with movable knife disconnect, gray housing		Double-deck carrier terminal block, upper deck carrier, gray housing		Appropriate marking systems: WMB/Marking strips/WMB Inline (See pages 96 - 101)	
L/L	2002-2671 50	L/L	2002-2661 50	End and intermediate plate, 1 mm thick	
N/L	2002-2672 50	N/L	2002-2662 50	 orange	2002-2692 1
				gray	2002-2691 1
				Double-deck marker carrier, pivoting	
				 gray	2002-121 50 (2x25)
				Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm ²	
				 light gray	2002-171 200 (8x25)
				Insulation stop, 5 pcs/strip, 0.75 - 1 mm ²	
				 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)
				Double-deck vertical jumper, insulated, I _N 24 A, light gray	
					2002-492 100 (4x25)

Double-Deck Terminal Blocks 2.5 (4) mm²/AWG 12 2002 Series

0.25 - 2.5 (4) mm ² 500 V/6 kV/3 I _N 24 A (28 A)	AWG 22 - 12	0.25 - 2.5 (4) mm ² 500 V/6 kV/3 I _N 24 A (28 A)	AWG 22 - 12	0.25 - 2.5 (4) mm ² 500 V/6 kV/3 I _N 24 A (28 A)	AWG 22 - 12
Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in		Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in		Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in	



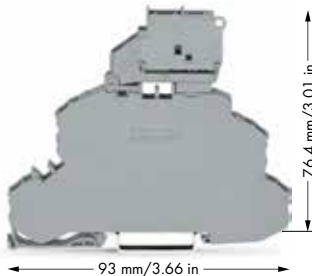
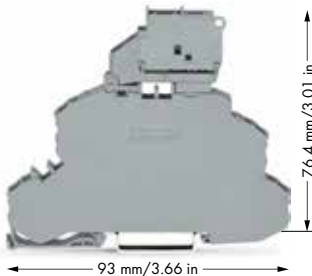
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Through/through terminal block, same profile as double-deck disconnect terminal block without marker carrier, gray housing		Through/through terminal block, same profile as double-deck disconnect terminal block without marker carrier, blue housing		Ground conductor/through terminal block, same profile as double-deck disconnect terminal block without marker carrier, gray housing	
L/L	2002-2601	N/N	2002-2604	PE/N	2002-2647
N/L	2002-2602			PE/L	2002-2657
L/N	2002-2603				
Other terminal blocks with the same profile:					
Carrier	2002-2661				
Disconnect	2002-2671				



Item No.	Pack. Unit	Item No.	Pack. Unit	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		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		Through/through terminal block, same profile as double-deck disconnect terminal block without marker carrier, internal commoning, green-yellow housing	
L	2002-2608	N	2002-2609	PE	2002-2607
Accessories		Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)			
End and intermediate plate 1 mm thick orange 2002-2692 1 gray 2002-2691 1		Push-in type jumper bars, light gray, insulated, I_N 25 A 2-way 2002-402 200 (8 x 25) 3-way 2002-403 200 (8 x 25) 4-way 2002-404 200 (8 x 25) 5-way 2002-405 100 (4 x 25) : : 10-way 2002-410 100 (4 x 25)		Push-in type jumper bars, light gray, insulated, I_N 25 A 1 - 3 2002-433 200 (8 x 25) 1 - 4 2002-434 200 (8 x 25) 1 - 5 2002-435 100 (4 x 25) : : 1 - 10 2002-440 100 (4 x 25)	
Double-deck marker carrier pivoting gray 2002-121 50 (2 x 25)				Double-deck vertical jumper, insulated, I _N 24 A light gray 2002-492 100 (4 x 25)	

Double-Deck Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder 2.5 (4) mm²/AWG 12, 2002 Series

0.25 - 2.5 (4) mm² 400 V/6 kV/3 I _N 16 A Terminal block width 6.2 mm / 0.244 in 10 - 12 mm / 0.43 in	AWG 22 - 12	0.25 - 2.5 (4) mm² 400 V/6 kV/3 I _N 16 A Terminal block width 6.2 mm / 0.244 in 10 - 12 mm / 0.43 in	AWG 22 - 12
---	-------------	---	-------------



Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck fuse disconnect terminal block with pivoting fuse holder, Through/fuse terminal block,		Double-deck fuse disconnect terminal block with pivoting fuse holder, Through/fuse terminal block,	
for miniature metric fuses 5 x 20 mm, without blown fuse indication		for miniature metric fuses 5 x 20 mm, with blown fuse indication by LED, gray	
Nominal voltage and current are given by the fuse.		Nominal voltage and current are given by the LED or fuse.	
Leakage current in case of blown fuse: LED 2mA			
L/L	2002-2611	12 - 30 V	2002-2611/1000-541
N/L	2002-2612	30 - 65 V	2002-2611/1000-542
		230 V	2002-2611/1000-836

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

Accessories Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

End and intermediate plate, 1 mm thick Included with above blocks	End plate for fuse terminal blocks, 2 mm thick orange 2002-1092 100 (4x25) gray 2002-1091 100 (4x25)
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, 0.25 - 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, 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)	Marking strip, plain, 11 mm wide, 50 m roll white 2009-110 1 Double-deck vertical jumper, insulated, I _N 24 A light gray 2002-492 100 (4x25)



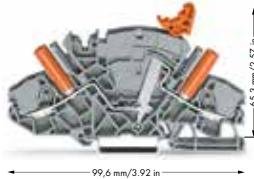
Pivoting the fuse holder in the locked open position.



Fuse replacement

Disconnect Terminal Blocks for Test and Measurement, 6 mm²/AWG 8, for Current and Voltage Transformer Circuits, 2007 Series

0.5 - 6 (10) mm ² 500 V/6 kV/3 I _N 30 A Terminal block width 8 mm / 0.315 in 13 - 15 mm / 0.55 in	AWG 20 - 8	0.5 - 6 (10) mm ² 500 V/6 kV/3 I _N 30 A Terminal block width 8 mm / 0.315 in 13 - 15 mm / 0.55 in	AWG 20 - 8	0.5 - 6 (10) mm ² 500 V/6 kV/3 I _N 30 A Terminal block width 8 mm / 0.315 in 13 - 15 mm / 0.55 in	AWG 20 - 8
---	------------	---	------------	---	------------



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor disconnect terminal block for test and measurement, e.g., current and voltage transformer circuits, with touch-proof test sockets, for 4 mm Ø test plug		2-conductor disconnect terminal block, with touch-proof test sockets, for 4 mm Ø test plug		2-conductor through terminal block, with touch-proof test socket, for 4 mm Ø test plug	
gray	2007-8821	gray	2007-8811	gray	2007-8801
	20		20		20
Accessories		Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)		2-conductor ground terminal block, with touch-proof test socket, for 4 mm Ø test plug	
				green yellow	2007-8807
					20

End and separator plate, 1.5 mm thick, without use of lock-out seal		Adjacent jumper for switch lever, insulated, orange, I_N 30 A	
orange	2007-8892	2-way	2007-8442
gray	2007-8891	3-way	2007-8443
End and separator plate, 1.5 mm thick, for use of lock-out seal		4-way	2007-8444
orange	2007-8894	5-way	2007-8445
gray	2007-8893	6-way	2007-8446
Lock-out, for disconnect link		7-way	2007-8447
yellow	2007-8899	8-way	2007-8448
Locking cover, transparent, mechanically locks multiple links		Jumper, insulated, I_N 30 A, orange	
1-pole	282-881	2-way	282-432
2-pole	282-882	3-way	282-433
3-pole	282-883	4-way	282-434
4-pole	282-884	5-way	282-435
5-pole	282-885	6-way	282-436
6-pole	282-886	7-way	282-437
7-pole	282-887	8-way	282-438
8-pole	282-888	9-way	282-439
		10-way	282-440
Interlocking link, mechanically locks multiple links, 1 m/3'3" long, transparent		Jumper with safety lid, insulated, I_N 30 A, orange	
	210-254	2-way	282-432/100-000
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks		3-way	282-433/100-000
yellow	2006-115	4-way	282-434/100-000
	100 (4x25)		50 (5x10)
WMB Multi marking system		Jumper, special design, I_N 30 A, orange	
10 strips with 10 markers per card, for terminal widths 5 - 17.5 mm		1-3-5	282-435/011-000
plain	793-501		282-437/011-000
	5		50 (5x10)
Marking strip, plain, 11 mm wide, 50 m roll			
white	2009-110		
	1		



Integrated test sockets for touchproof 4 mm Ø test plugs.



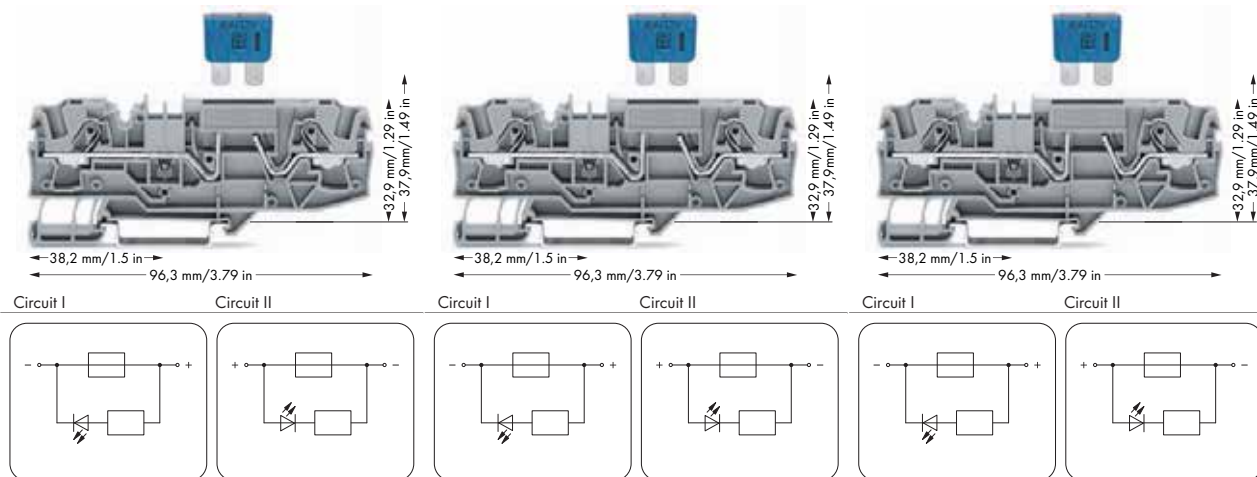
Lock-out prevents accidental operation of disconnect link.

Fault condition – grounding
slide link open, auxiliary circuit not grounded,
red lamp illuminates.

59

Fuse Terminal Blocks for Automotive Blade-Type Fuses 6 (10) mm²/AWG 8 2006 Series

0.5 – 6 (10) mm² 500 V/8 kV/3 I_N 25 A (30 A) Terminal block width 7.5 mm / 0.295 in  13 – 15 mm / 0.55 in	AWG 20 – 8 12 V, 30 A,  600 V, 30 A 	0.5 – 6 (10) mm² 500 V/8 kV/3 I_N 25 A (30 A) Terminal block width 7.5 mm / 0.295 in  13 – 15 mm / 0.55 in	AWG 20 – 8 24 V, 30 A,  600 V, 30 A 	0.5 – 6 (10) mm² 500 V/8 kV/3 I_N 25 A (30 A) Terminal block width 7.5 mm / 0.295 in  13 – 15 mm / 0.55 in	AWG 20 – 8 48 V, 30 A,  600 V, 30 A 
---	---	---	---	---	---



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fuse terminal block for automotive blade-style fuses,		2-conductor fuse terminal block for automotive blade-style fuses,		2-conductor fuse terminal block for automotive blade-style fuses,	
12V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray		24V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray		48V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray	
Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		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 I	2006-1681/1000-413	25
Circuit II	2006-1681/1000-449	25	Circuit II	2006-1681/1000-434	25
Other terminal blocks with the same profile:					
Through	2006-1601	Page 50			

Accessories

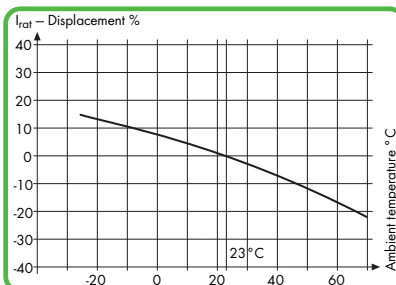
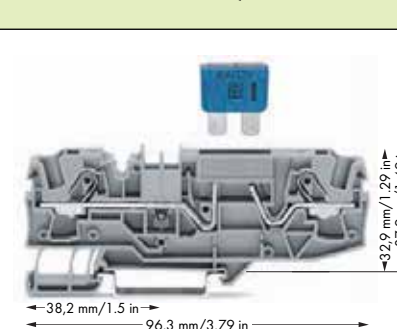
Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

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) 	End and Intermediate Plate, 2.9 mm thick orange 2006-1696 100 (4 x 25) gray 2006-1695 100 (4 x 25) 
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) 	WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain 793-5501 5 	Note: Use thicker end plate when using ETA breakers rather than fuses
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) 	Marking strip, plain, 11 mm wide, 50 m roll white 2009-110 1 	
	Double-deck marker carrier, pivoting gray 2002-121 50 (2x25) 	

TOPJOB® Current-Carrying Capacity Curves

0.5 – 6 (10) mm² | AWG 20 – 8
500 V/8 kV/3 | 600 V, 30 A, 
I_N 25 A (30 A) | 600 V, 30 A 

Terminal block width 7.5 mm / 0.295 in
 13 – 15 mm / 0.55 in



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

Blade-type fuse cartridges,

acc. to DIN 72581-3c/ISO 8820

(contact WAGO)

Over-current circuit-breaker,

thermal,

(contact WAGO)

Requires the use of an end plate

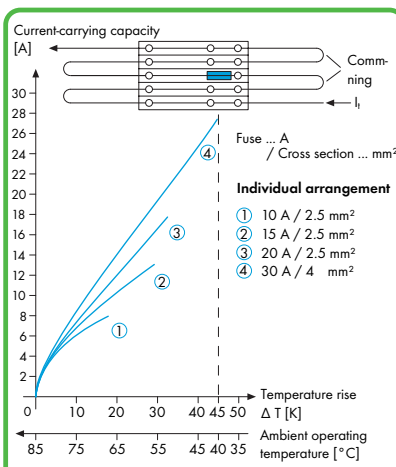


Diagram: Individual arrangement

The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23 °C).

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

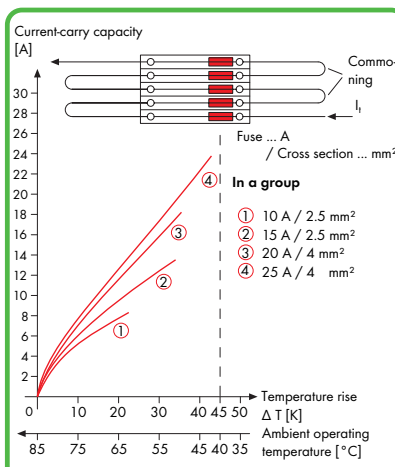


Diagram: Block arrangement

Information from the mini-automotive blade-type fuse manufacturers

Derating $T_{amb}/^{\circ}\text{C}$	%	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 generally necessary to test fuse cartridges under normal conditions and operational failures within your application.

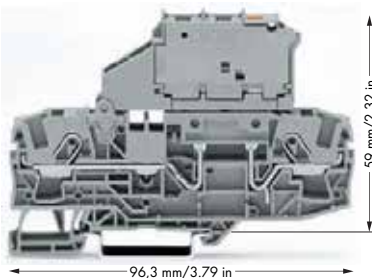
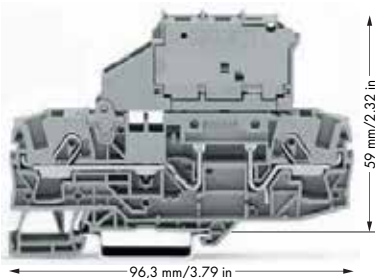
Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder, for Miniature Metric Fuses 5 x 20 mm, 5 x 30 mm, 1/4" x 1 1/4", 2006 Series

0.5 – 6 (10) mm² | AWG 20 – 8
800 V/8 kV/3 | 600 V, 15 A 
I_N 10 A

Terminal block width 7.5 mm / 0.295 in
13 – 15 mm / 0.55 in

0.5 – 6 (10) mm² | AWG 20 – 8
800 V/8 kV/3 | 600 V, 15 A 
I_N 10 A

Terminal block width 7.5 mm / 0.295 in
13 – 15 mm / 0.55 in



Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fuse disconnect terminal block with pivoting fuse holder, without blown fuse indication		2-conductor fuse disconnect terminal block with pivoting fuse holder, gray, with blown fuse indication by LED	
Nominal voltage and current are given by the fuse.		Nominal voltage and current are given by the LED or fuse.	
for miniature metric fuses 5 x 20 mm		Leakage current in case of blown fuse: LED 2 mA, for miniature metric fuses 5 x 20 mm	
gray	2006-1611 25	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
		380 - 500 V	2006-1611/1000-859 25
for miniature metric fuses 5 x 30 mm		for miniature metric fuses 5 x 30 mm	
gray	2006-1621 25	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 metric fuses 1/4" x 1 1/4"		for miniature metric fuses 1/4" x 1 1/4"	
gray	2006-1631 25	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.

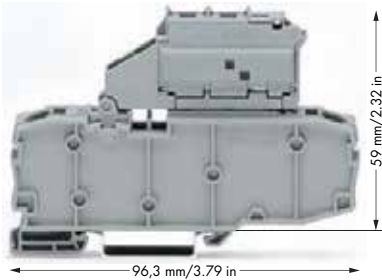
Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)

End and intermediate plate, 1 mm thick		Push-in type jumper bar, insulated,	
orange	2006-1692 100 (4x25)	I _N 41 A,	
gray	2006-1691 100 (4x25)	light gray	
End plate for fuse terminal blocks,		from 1 to 3	2006-433 50 (2x25)
2 mm thick		from 1 to 4	2006-434 50 (2x25)
orange	2006-992 100 (4x25)	from 1 to 5	2006-435 50 (2x25)
gray	2006-991 100 (4x25)		
Push-in type jumper bar, insulated,		Protective warning marker,	
I _N 41 A,		with high-voltage symbol, black,	
light gray		for 5 terminal blocks	
2-way	2006-402 50 (2x25)	yellow	2006-115 100 (4x25)
3-way	2006-403 50 (2x25)	Test plug,	
4-way	2006-404 50 (2x25)	with 500 mm cable,	
5-way	2006-405 50 (2x25)	2 mm Ø	
		red	210-136 50
Star point jumper, insulated,		WMB Multi marking system,	
I _N = I _N terminal block, light gray		10 strips with 10 markers per card,	
1-3-5	2006-405/011-000 50 (2x25)	stretchable 5 - 5.2 mm	
		plain	793-5501 5

Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder, for Miniature Metric Fuses 1/4" x 1 1/4", 2006 Series

0.5 – 6 (10) mm² 800 V/8 kV/3 I_N 10 A Terminal block width 10.4 mm / 0.409 in  13 – 15 mm / 0.55 in	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	0.5 – 6 (10) mm² 800 V/8 kV/3 I_N 10 A Terminal block width 10.4 mm / 0.409 in  13 – 15 mm / 0.55 in	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
---	--	---	---



Item No.	Pack. Unit	Item No.	Pack. Unit
Fuse disconnect terminal block with pivoting fuse holder and end plate, without blown fuse indication		Fuse disconnect terminal block with pivoting fuse holder and end plate, gray, with blown fuse indication by LED	
Nominal voltage and current are given by the fuse.		Nominal voltage and current are given by the LED or fuse.	
for miniature metric fuses 1/4" x 1 1/4"		Leakage current in case of blown fuse: LED 2 mA, for miniature metric fuses 1/4" x 1 1/4"	
gray	2006-1631/099-000 25	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

Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)

End plate for fuse terminal blocks,	Screwless end stop,
2 mm thick	for DIN 35 rail,
orange 2006-992 100 (4x25)	6 mm wide
gray 2006-991 100 (4x25)	gray 249-116 100 (4x25)
Push-in type jumper bar, insulated,	Screwless end stop,
I _N 25 A,	for DIN 35 rail,
light gray	10 mm wide
from 1 to 3 2002-433 200 (8x25)	gray 249-117 50 (2x25)
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,	
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	



Pivoting fuse holder with spare fuse holders

Protective warning markers must be applied individually. Due to the 10.4 mm/0.409 in width of the fuse terminal blocks with pivoting fuse holder, 2002 Series jumpers must be used.

Miniature metric fuses

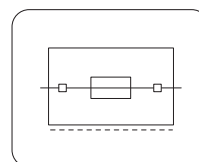
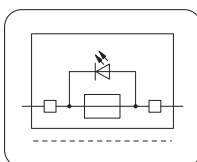
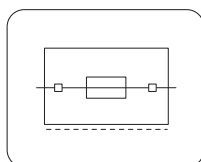
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fused disconnect terminal blocks				
2006-1611 7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1621 7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1631 7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1631 /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 metric fuses, the maximum power loss listed below should not be exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23 °C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature metric fuses. Therefore, in such applications the rated current must be reduced if necessary. More details are available from the fuse manufacturer.

Fuse Plugs and Carrier Terminal Blocks

2006 Series

Fuse plug with pull-tab 800 V / I _N 10 A Plug width 7.4 mm / 0.291 in	Fuse plug with pull-tab 800 V / I _N 10 A Plug width 7.4 mm / 0.291 in	Fuse plug with pull-tab 800 V / I _N 10 A Plug width 10.4 mm / 0.409 in
---	---	--



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Fuse plug with pull-tab		Fuse plug with pull-tab, gray, with indicator lamp		Fuse plug with pull-tab	
Nominal voltage and current are given by the fuse.		Nominal voltage and current are given by the LED or fuse.		Nominal voltage and current are given by the fuse.	
for miniature metric fuses 5 x 20 mm		Leakage current in case of blown fuse: LED 2 mA, for miniature metric fuses 5 x 20 mm		for miniature metric fuses 1/4" x 11/4"	
gray	2006-911 25	12 - 30 V	2006-911/1000-541 25	gray	2006-931/099-000 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 metric fuses 5 x 30 mm		for miniature metric fuses 5 x 30 mm			
gray	2006-921 25	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 metric fuses 1/4" x 11/4"		for miniature metric fuses 1/4" x 11/4"			
gray	2006-931 25	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-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
End and intermediate plate, 1 mm thick		End and intermediate plate, 1 mm thick		Intermediate plate, 2.9 mm thick	
orange	2006-1692 100 (4x25)	orange	2006-1692 100 (4x25)	orange	2006-1696 100 (4x25)
gray	2006-1691 100 (4x25)	gray	2006-1691 100 (4x25)	gray	2006-1695 100 (4x25)
Accessories		Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)			
End plate for fuse terminal blocks,		Shorting link, 5 x 20 mm,		Screwless end stop,	
2 mm thick		if the fuse plug is used as disconnect plug		for DIN 35 rail,	
orange	2006-992 100 (4x25)	I _N 6.3 A	281-503 250 (10x25)	6 mm wide	249-116 100 (4x25)
gray	2006-991 100 (4x25)			10 mm wide	249-117 100 (4x25)
2-conductor carrier terminal block,		Disconnect Plug		WMB Multi marking system,	
0.5 - 6 (10) mm ² / AWG 20 - 8		orange	2006-401 100 (4x25)	10 strips with 10 markers per card,	
Terminal block width 7.5 mm / 0.295 in				stretchable 5 - 5.2 mm	
gray	2006-1661 25			plain	793-5501 5

TOPJOB®

Fuse Plugs and Carrier Terminal Blocks, 2006 Series

Fuse plug with pull-tab

800 V / I_N 10 A
Plug width 10.4 mm / 0.409 in

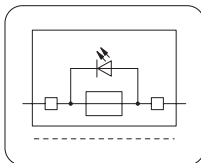


Using pluggable fuse holders with rail-mounted terminal blocks for control circuit protection is highly advantageous for the user, as the function and the wiring are accomplished by two separate parts:

- 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/0.295 in 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



Item No.	Pack. Unit
Fuse plug with pull-tab, gray, with indicator lamp	
Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA, for miniature metric fuses 1/4" x 11/4"	
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

Item-Specific Accessories

Intermediate plate, 2.9 mm thick

orange	2006-1696	100 (4x25)
gray	2006-1695	100 (4x25)



2-conductor carrier terminal block,

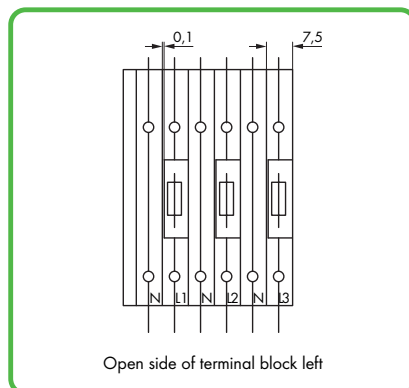
0.5 - 6 (10) mm ² / AWG 20 - 8		
Terminal block width 7.5 mm / 0.295 in		
gray	2006-1661	25



Fuse plug dimensions

Miniature metric fuse

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



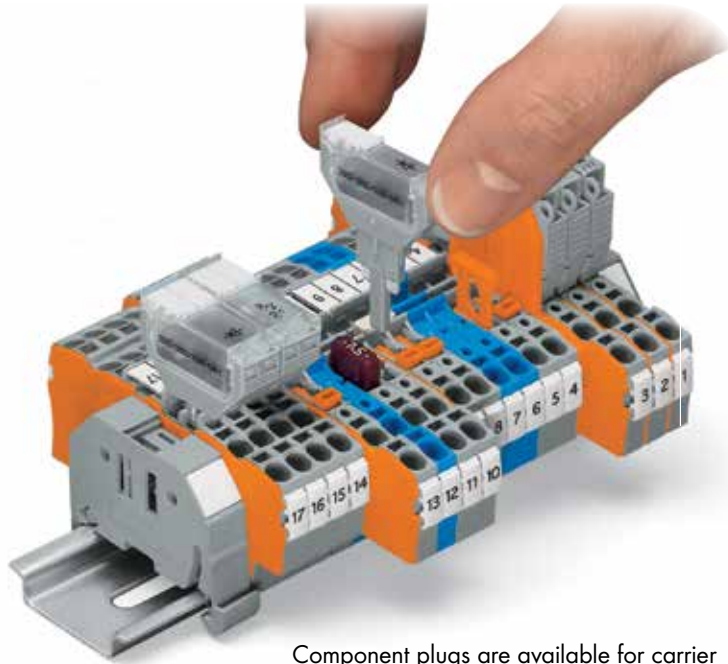
Open side of terminal block left

When using the 10.4 mm/0.409 in wide plug,

please note:

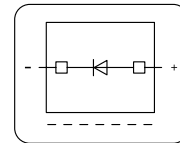
The extra width of the plug (10.4 mm/0.409 in compared to 7.5 mm/0.295 in for carrier terminal blocks) must be compensated for by intermediate plates (2.9 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.

Component Plugs, Diode and LED Modules

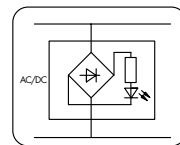


Component plugs are available for carrier terminal blocks and for insertion into adjacent jumper slots. Empty component plugs can be custom configured with component or small PCB. In addition, pre-configured diode or LED modules are available. Custom configurations are available on request.

Carrier Version



Jumper Version



Marking with WMB markers or with continuous marking strip



Testing can be performed with 2-pole test plugs

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

Diode Module; Diode 1N 4007 U_N 250 V; U_{RM} 1000 V; 1 A max. LED I_F 25 mA Width 5.2 mm / 0.205 in		LED Module: $I_N \leq 5,6$ mA; $I_F \leq 25$ mA Width 5.2 mm / 0.205 in
--	--	--



Item No.	Pack Unit		Item No.	Pack Unit
Empty Module, 5.2 mm wide,			LED Module, 5.2 mm wide, with red LED	
2002-800	100		AC/DC 12 - 30 V 	2002-800/1000-541 100
Diode Module, 5.2 mm wide,			LED Module, 5.2 mm wide, with red LED	
 Diode 1N 4007	2002-800/1000-411 100		AC/DC 30 - 65 V 	2002-800/1000-542 100
			LED Module, 5.2 mm wide, with red LED	
			AC/DC 110 - 250 V 	2002-800/1000-836 100
Accessories				
Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)				
2-Conductor Terminal Block, ①		Push-In Type Jumper, light gray, insulated, I_N 25 A	2-Conductor Carrier Terminal Block, ①	
 0.25 - 2.5 (4) mm ² /AWG 22 - 12 width 522 mm / 0.205 in gray 2002-1661 50		 2-way 2002-402 200 (8 x 25) 3-way 2002-403 200 (8 x 25) 4-way 2002-404 200 (8 x 25) 5-way 2002-405 100 (4 x 25) 6-way 2002-406 100 (4 x 25) 7-way 2002-407 100 (4 x 25) 8-way 2002-408 100 (4 x 25) 9-way 2002-409 100 (4 x 25) 10-way 2002-410 100 (4 x 25)	 0.25 - 2.5 (4) mm ² /AWG 22 - 12 width 5.2 mm / 0.205 in gray 2002-1661 50	
End and Intermediate Plate, 1 mm thick			End and Intermediate Plate, 1 mm thick	
 orange 2002-1692 100 (4 x 25) gray 2002-1691 100 (4 x 25)			 orange 2002-1692 100 (4 x 25) gray 2002-1691 100 (4 x 25)	
4-Conductor Carrier Terminal Block, ②			4-Conductor Carrier Terminal Block, ②	
 0.25 - 2.5 (4) mm ² /AWG 22 - 12 width 5.2 mm / 0.205 in gray 2002-1861 50			 0.25 - 2.5 (4) mm ² /AWG 22 - 12 width 5.2 mm / 0.205 in gray 2002-1861 50	
End and Intermediate Plate, 1 mm thick		Push-In Type Jumper, light gray, insulated, I_N 25 A	End and Intermediate Plate, 1 mm thick	
 orange 2002-1892 100 (4 x 25) gray 2002-1891 100 (4 x 25)		 1 - 3 2002-433 200 (8 x 25) 1 - 4 2002-434 200 (8 x 25) 1 - 5 2002-435 100 (4 x 25) 1 - 6 2002-436 100 (4 x 25) 1 - 7 2002-437 100 (4 x 25) 1 - 8 2002-438 100 (4 x 25) 1 - 9 2002-439 100 (4 x 25) 1 - 10 2002-440 100 (4 x 25)	 orange 2002-1892 100 (4 x 25) gray 2002-1891 100 (4 x 25)	
Insulation Stop, 5 pcs/strip 200 Strips			Insulation Stop, 5 pcs/strip 200 Strips	
 light gray 2002-171 0.25-0.5 mm ² dark gray 2002-172 0.75-1 mm ²			 light gray 2002-171 0.25-0.5 mm ² dark gray 2002-172 0.75-1 mm ²	
Test Plug, for test plug 4 mm Ø,			Test Plug Adapter, for test plug 4 mm Ø,	
 2009-174 100 (4 x 25)			 2009-174 100 (4 x 25)	
Testing Tap, for max. 2.5 mm²		Slim Style Jumpers, light gray, insulated, I_N 25 A	Testing Tap, for max. 2.5 mm²	
 2009-182 100 (4 x 25)		 2-way 2002-472 100 (4 x 25) 3-way 2002-473 100 (4 x 25) 4-way 2002-474 100 (4 x 25) 5-way 2002-475 50 (2 x 25) 5-way 2002-476 50 (2 x 25) 5-way 2002-477 50 (2 x 25) 5-way 2002-478 50 (2 x 25) 5-way 2002-479 50 (2 x 25) 5-way 2002-480 50 (2 x 25) 5-way 2002-481 50 (2 x 25) 12-way 2002-482 50 (2 x 25)	 2009-182 100 (4 x 25)	
Protective Warning Marker, high voltages symbol, for 5 terminal blocks			Protective Warning Marker, high voltages symbol, for 5 terminal blocks	
 yellow 2002-115 100 (4 x 25)			 yellow 2002-115 100 (4 x 25)	
① 66.5 mm / 2.62 in (2-Conductor) ② 87.5 mm / 3.45 in (4-Conductor)			① 66.5 mm / 2.62 in (2-Conductor) ② 87.5 mm / 3.45 in (4-Conductor)	

68

Empty Component Plug Housings on Carrier Terminal Blocks 2.5 (4) mm² 2002 Series

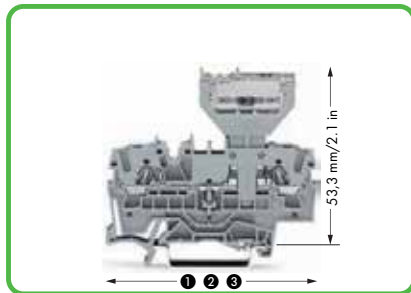
Empty component plug housing	Empty component plug housing
Plug width 5.2 mm / 0.205 in (1 Watt Max.)	Plug width 10.4 mm / 0.409 in (2 Watt Max.)



- ① Length of 2002-1661: 66.5 mm / 2.62 in
2-conductor carrier terminal block
- ② Length of 2002-1861: 87.5 mm / 3.45 in
4-conductor carrier terminal block
- ③ Length of 2002-1961: 72.9 mm / 2.87 in
2-conductor carrier terminal block with additional jumper position

Item No. Pack. Unit		Item No. Pack. Unit		Accessories	
Empty component plug housing type 1, 2-pole, 5.2 mm wide  gray 2002-800 100		Empty component plug housing type 2, 2-pole, 10.4 mm wide  gray 2002-810 50		Slim style jumper  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)	
		Empty component plug housing type 3, 4-pole, 10.4 mm wide  gray 2002-820 50			
Accessories					
Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)					
2-conductor carrier terminal block,  0.25 - 2.5 (4) mm ² / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in gray 2002-1661 50		Push-in type wire jumper,  insulated, I _N 16 A, wire size 1.5 mm ² 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	
End and intermediate plate, 1 mm thick  orange 2002-1692 100 (4x25) gray 2002-1691 100 (4x25)					
4-conductor carrier terminal block,  0.25 - 2.5 (4) mm ² / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in gray 2002-1861 50		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)			
End and intermediate plate, 1 mm thick  orange 2002-1892 100 (4x25) gray 2002-1891 100 (4x25)					
2-conductor carrier terminal block,  0.25 - 2.5 (4) mm ² / 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)		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)		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	
Insulation stop,  5 pcs/strip, 0.25 - 0.5 mm ² light gray 2002-171 200 (8x25)					
Insulation stop,  5 pcs/strip, 0.75 - 1 mm ² dark gray 2002-172 200 (8x25)					
Protective warning marker,  with high-voltage symbol, black, for 5 terminal blocks yellow 2002-115 100 (4x25)		Multi-purpose operating tool,  for component plugs 2002-116 5			

Technical Information



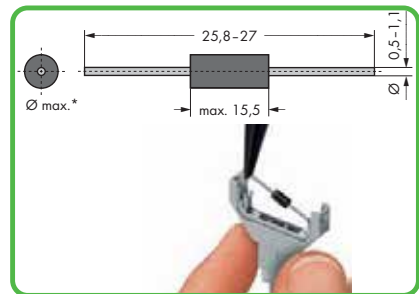
Application example showing a pluggable diode module.



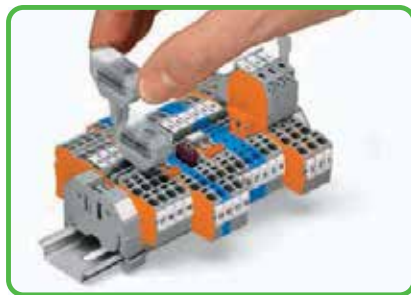
Opening the cover via multi-purpose operating tool for component plugs.



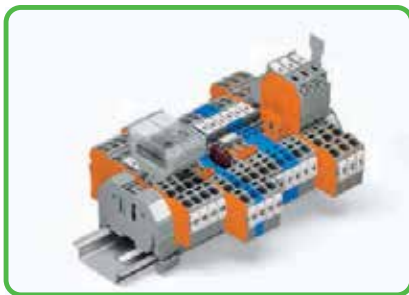
When closing the cover, please insert cover as shown in the illustration.



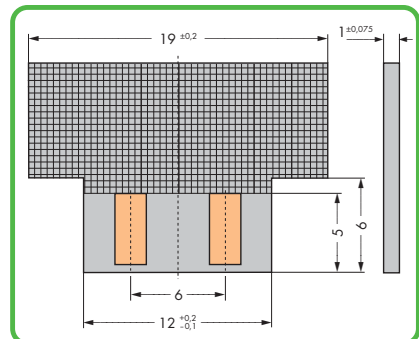
* Ø max. 3.4 mm at 5.2 mm module width and
* Ø max. 5.4 mm at 10.4 mm/0.409 in module width
Notice: Reconnection only possible with similar or larger wire diameter. Smaller wire diameters must be soldered. Component plugs for building custom circuits. Solder-free assembly of diodes, resistors, etc. Picture 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.



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

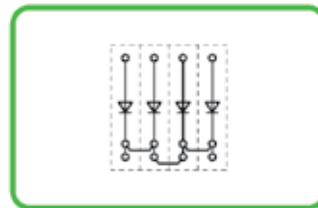
Using LED terminal blocks, monitoring units can be designed for control and operating circuits.

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

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

Custom configurations with diodes, resistor or LEDs available on request.

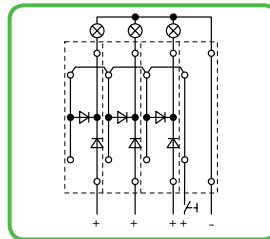
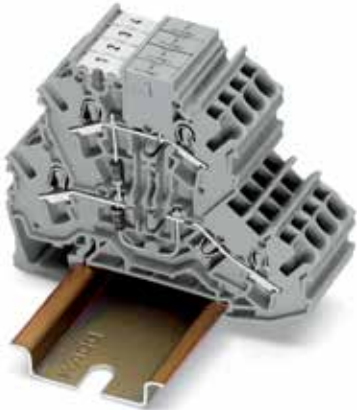
Diode terminal blocks



Polarized diode gate,
common cathode



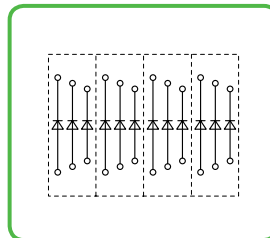
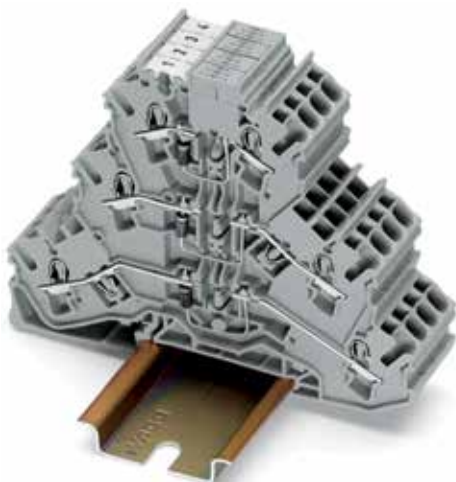
Double deck diode terminal blocks



Lamp test circuit



Triple deck diode terminal blocks



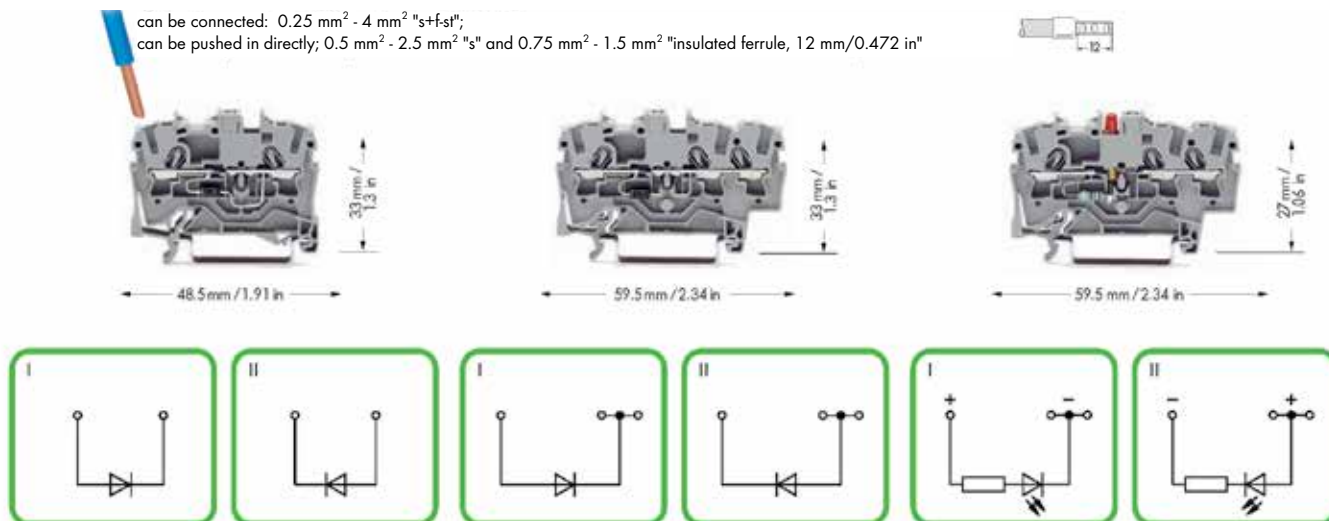
Open diode gate, can be connected individually. Using push-in type jumper bars, individual levels can be turned into polarized diode gates.



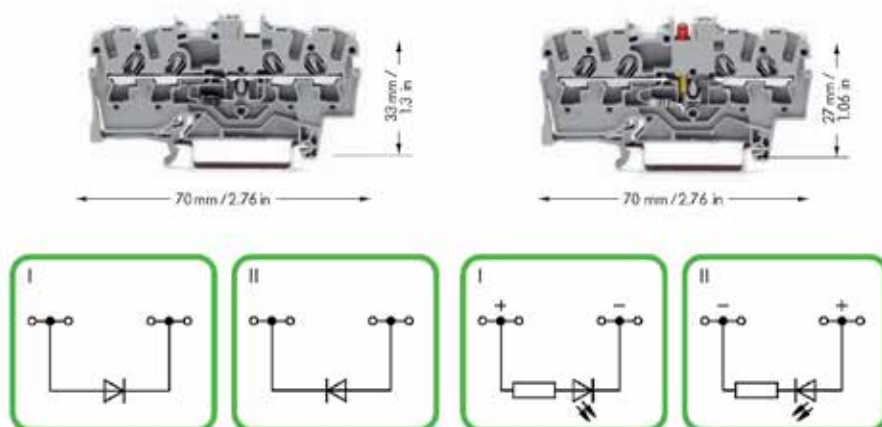
Diode Terminal Blocks 1.5 (2.5) mm² / AWG 14 and LED Terminal Blocks 1.5 (2.5) mm² / AWG 14; 2001 Series

0.25 – 1.5 (2.5) mm ² AWG 22 – 14 U _N 250 V; U _{RM} 1000 V 1 N 4007 - 0.5 A continuous current Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in	0.25 – 1.5 (2.5) mm ² AWG 22 – 14 U _N 250 V; U _{RM} 1000 V 1 N 4007 - 0.5 A continuous current Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in	0.25 – 1.5 (2.5) mm ² AWG 22 – 14 DC 24 V I _F 0.025 A max. Terminal block width 4.2 mm / 0.165 in 9 – 11 mm / 0.39 in
--	--	---

can be connected: 0.25 mm² - 4 mm² "s+f-st";
can be pushed in directly; 0.5 mm² - 2.5 mm² "s" and 0.75 mm² - 1.5 mm² "insulated ferrule, 12 mm/0.472 in"



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-cond. diode term. blocks with diode 1 N 4007		3-cond. diode term. blocks with diode 1 N 4007		3-cond. LED term. blocks with red LED, 24 V DC	
Circuit I, gray	2001-1211/1000-410 100	Circuit I, gray	2001-1311/1000-410 100	Circuit I, gray	2001-1321/1000-434 100
Circuit II, gray	2001-1211/1000-411 100	Circuit II, gray	2001-1311/1000-411 100	Circuit II, gray	2001-1321/1000-413 100
Through terminal block with the same shape		Through terminal block with the same shape		Through terminal block with the same shape	
gray	2001-1201	gray	2001-1301	gray	2001-1301
End and intermediate plate, 0.8 mm/0.032 in thick		End and intermediate plate, 0.8 mm/0.032 in thick		End and intermediate plate, 0.8 mm/0.032 in thick	
orange	2002-1292 100 (4x25)	orange	2002-1392 100 (4x25)	orange	2002-1392 100 (4x25)
gray	2002-1291 100 (4x25)	gray	2002-1391 100 (4x25)	gray	2002-1391 100 (4x25)

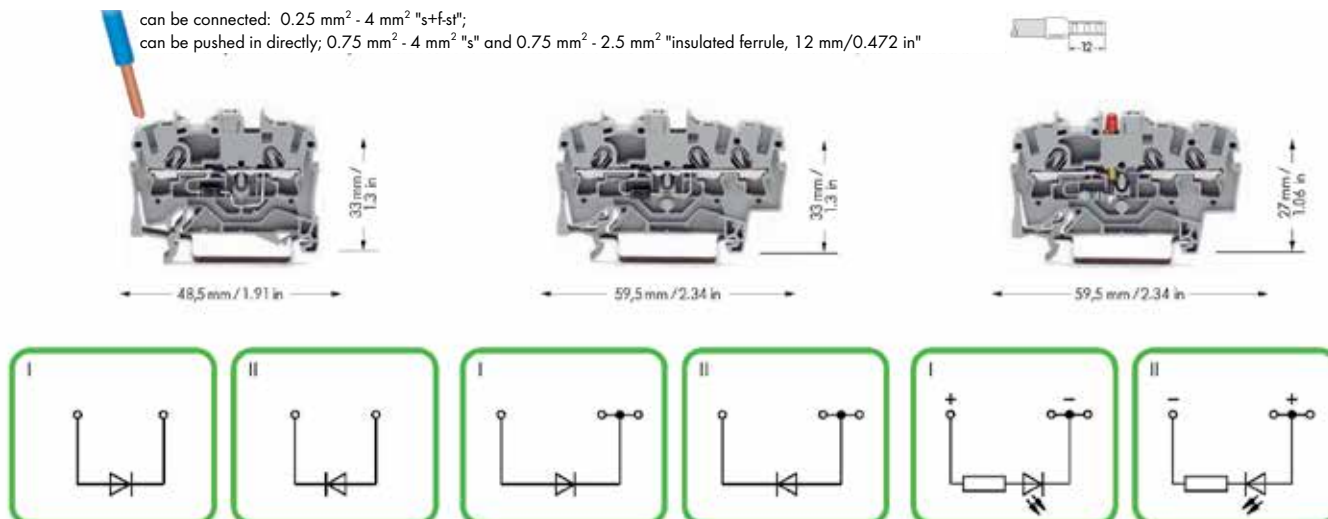


Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
4-cond. diode term. blocks with diode 1 N 4007		4-cond. LED term. blocks with red LED, 24 V DC	
Circuit I, gray	2001-1411/1000-410 100	Circuit I, gray	2001-1421/1000-434 100
Circuit II, gray	2001-1411/1000-411 100	Circuit II, gray	2001-1421/1000-413 100
Through terminal block with the same shape		Through terminal block with the same shape	
gray	2001-1401	gray	2001-1401
End and intermediate plate, 0.8 mm/0.032 in thick		End and intermediate plate, 0.8 mm/0.032 in thick	
orange	2002-1492 100 (4x25)	orange	2002-1492 100 (4x25)
gray	2002-1491 100 (4x25)	gray	2002-1491 100 (4x25)

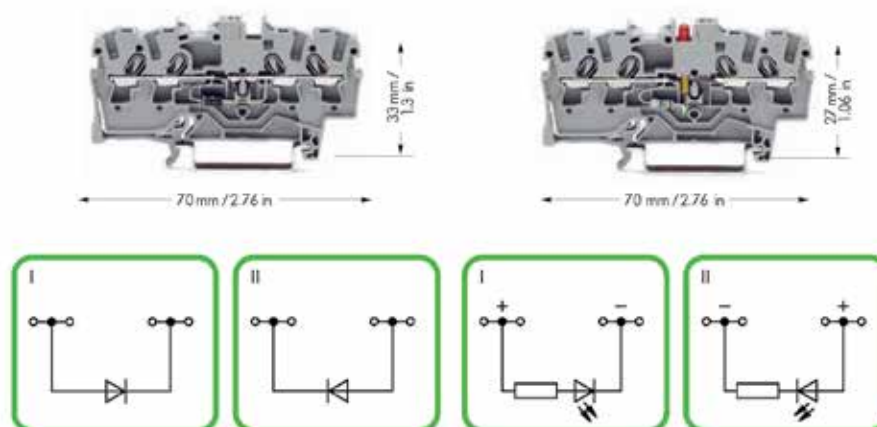
Diode Terminal Blocks 2.5 mm² (4) mm² / AWG 12 and LED Terminal Blocks 2.5 (4) mm² / AWG 12; 2002 Series

0.25 – 2.5 (4) mm ² AWG 22 – 12 U _N 250 V; U _{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm ² AWG 22 – 12 U _N 250 V; U _{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm ² AWG 22 – 12 DC 24 V I _f 0.025 A max. Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in
---	---	--

can be connected: 0.25 mm² - 4 mm² "s+f-st";
can be pushed in directly; 0.75 mm² - 4 mm² "s" and 0.75 mm² - 2.5 mm² "insulated ferrule, 12 mm/0.472 in"



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-cond. diode term. blocks with diode 1 N 4007		3-cond. diode term. blocks with diode 1 N 4007		3-cond. LED term. blocks with red LED, 24 V DC	
Circuit I, gray	2002-1211/1000-410 100	Circuit I, gray	2002-1311/1000-410 100	Circuit I, gray	2002-1321/1000-434 100
Circuit II, gray	2002-1211/1000-411 100	Circuit II, gray	2002-1311/1000-411 100	Circuit II, gray	2002-1321/1000-413 100
Through terminal block with the same shape		Through terminal block with the same shape		Through terminal block with the same shape	
gray	2002-1201	gray	2002-1301	gray	2002-1301
End and intermediate plate, 0.8 mm/0.032 in thick		End and intermediate plate, 0.8 mm/0.032 in thick		End and intermediate plate, 0.8 mm/0.032 in thick	
orange	2002-1292 100 (4x25)	orange	2002-1392 100 (4x25)	orange	2002-1392 100 (4x25)
gray	2002-1291 100 (4x25)	gray	2002-1391 100 (4x25)	gray	2002-1391 100 (4x25)



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
4-cond. diode term. blocks with diode 1 N 4007		4-cond. LED term. blocks with red LED, 24 V DC	
Circuit I, gray	2002-1411/1000-410 100	Circuit I, gray	2002-1421/1000-434 100
Circuit II, gray	2002-1411/1000-411 100	Circuit II, gray	2002-1421/1000-413 100
Through terminal block with the same shape		Through terminal block with the same shape	
gray	2002-1401	gray	2002-1301
End and intermediate plate, 0.8 mm/0.032 in thick		End and intermediate plate, 0.8 mm/0.032 in thick	
orange	2002-1492 100 (4x25)	orange	2002-1492 100 (4x25)
gray	2002-1491 100 (4x25)	gray	2002-1491 100 (4x25)

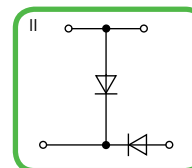
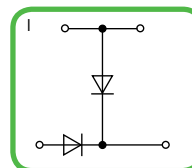
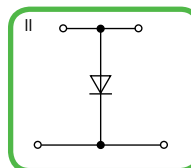
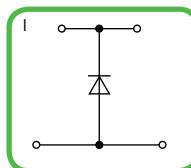
Double Deck Diode Terminal Blocks / Double Deck LED Terminal Blocks 2.5 mm²/4 mm² / AWG 12, 2002 Series

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

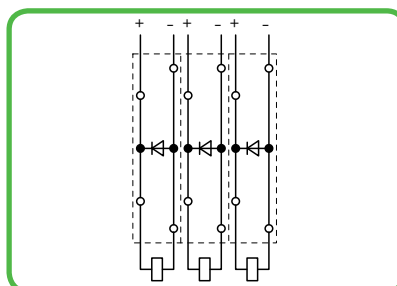


Through terminal blocks with the same shape see page 37

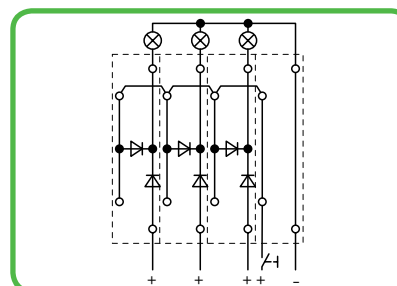
can be connected: 0.25 mm² – 4 mm² "s + f-st";
can be pushed in directly: 0.75 mm² – 4 mm² "s", and
0.75 mm² – 2.5 mm² "insulated ferrule, 12 mm"



Description		Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	
Double deck diode terminal block		Double deck diode terminal blocks		Double deck diode terminal blocks		
and		with diode 1 N 4007		with 2 diodes 1 N 4007		
double deck LED terminal block, for DIN 35 rail		Circuit -I, gray	2002-2211/1000-0410 50	Circuit -I, gray	2002-2214/1000-0492 50	
		Circuit II, gray	2002-2211/1000-0411 50	Circuit II, gray	2002-2214/1000-0491 50	
Accessories						
Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)						
	End and	0.8 mm /0.031 in thick		0.8 mm /0.031 in thick		
	intermediate plate	orange	2002-2292 100 (4 x 25)	orange	2002-2292 100 (4 x 25)	
		gray	2002-2291 100 (4 x 25)	gray	2002-2291 100 (4 x 25)	
	Push-in type jumper bars, light gray, insulated, I _N 25 A	2-way	2002-402 200 (8 x 25)	2-way	2002-402 200 (8 x 25)	
		3-way	2002-403 200 (8 x 25)	3-way	2002-403 200 (8 x 25)	
		4-way	2002-404 200 (8 x 25)	4-way	2002-404 200 (8 x 25)	
		5-way	2002-405 100 (4 x 25)	5-way	2002-405 100 (4 x 25)	
		:	:	:	:	
			10-way	2002-410 100 (4 x 25)	10-way	2002-410 100 (4 x 25)
	Push-in type jumper bars, light gray, insulated, I _N 25 A	1 - 3	2002-433 200 (8 x 25)	1 - 3	2002-433 200 (8 x 25)	
		1 - 4	2002-434 200 (8 x 25)	1 - 4	2002-434 200 (8 x 25)	
		1 - 5	2002-435 100 (4 x 25)	1 - 5	2002-435 100 (4 x 25)	
		:	:	:	:	
			1 - 10	2002-440 100 (4 x 25)	1 - 10	2002-440 100 (4 x 25)
	Two-way marking adapter, pivotable		2002-121 50 (2 x 25)		2002-121 50 (2 x 25)	
Examples of circuit configuration						



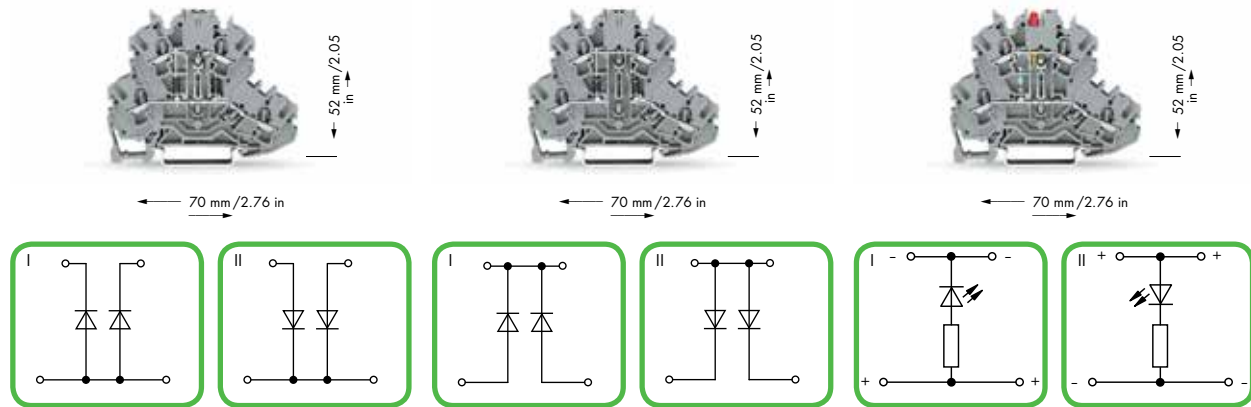
Used as recovery diodes



Used in lamp test circuit

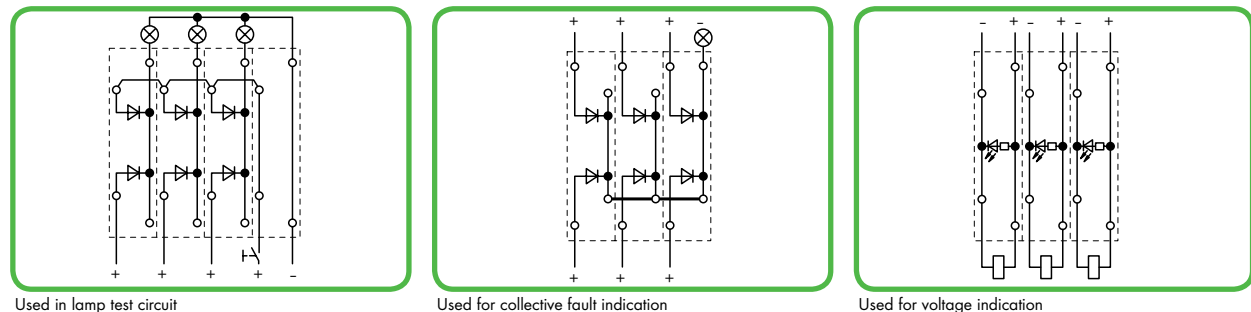
Double Deck Diode Terminal Blocks / Double Deck LED Terminal Blocks 2.5 mm²/4 mm² / AWG 12, 2002 Series

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



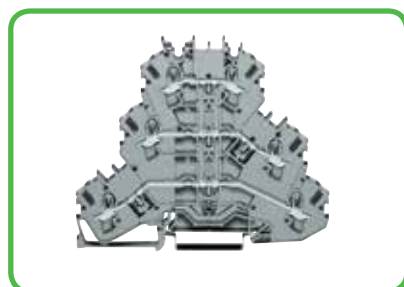
Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
Double deck diode terminal blocks with 2 diodes 1 N 4007		Double deck diode terminal blocks with 2 diodes 1 N 4007		Double deck LED terminal blocks with red LED, DC 24 V	
Circuit -I, gray	2002-2213/1000-0487 50	Circuit -I, gray	2002-2214/1000-0489 50	Circuit -I, gray	2002-2221/1000-0434 50
Circuit II, gray	2002-2213/1000-0488 50	Circuit II, gray	2002-2214/1000-0490 50	Circuit II, gray	2002-2221/1000-0413 50

Accessories			Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)		
0.8 mm/0.031 in thick			0.8 mm/0.031 in thick		
orange	2002-2292	100 (4 x 25)	orange	2002-2292	100 (4 x 25)
gray	2002-2291	100 (4 x 25)	gray	2002-2291	100 (4 x 25)
2-way	2002-402	200 (8 x 25)	2-way	2002-402	200 (8 x 25)
3-way	2002-403	200 (8 x 25)	3-way	2002-403	200 (8 x 25)
4-way	2002-404	200 (8 x 25)	4-way	2002-404	200 (8 x 25)
5-way	2002-405	100 (4 x 25)	5-way	2002-405	100 (4 x 25)
:	:	:	:	:	:
10-way	2002-410	100 (4 x 25)	10-way	2002-410	100 (4 x 25)
1 - 3	2002-433	200 (8 x 25)	1 - 3	2002-433	200 (8 x 25)
1 - 4	2002-434	200 (8 x 25)	1 - 4	2002-434	200 (8 x 25)
1 - 5	2002-435	100 (4 x 25)	1 - 5	2002-435	100 (4 x 25)
:	:	:	:	:	:
1 - 10	2002-440	100 (4 x 25)	1 - 10	2002-440	100 (4 x 25)
2002-121	50 (2 x 25)		2002-121	50 (2 x 25)	

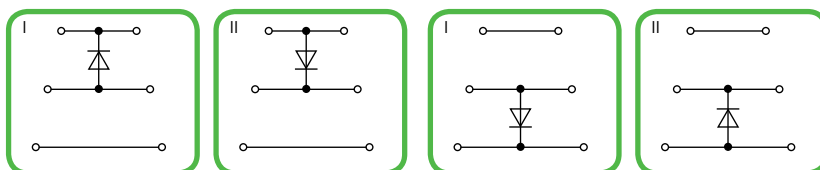
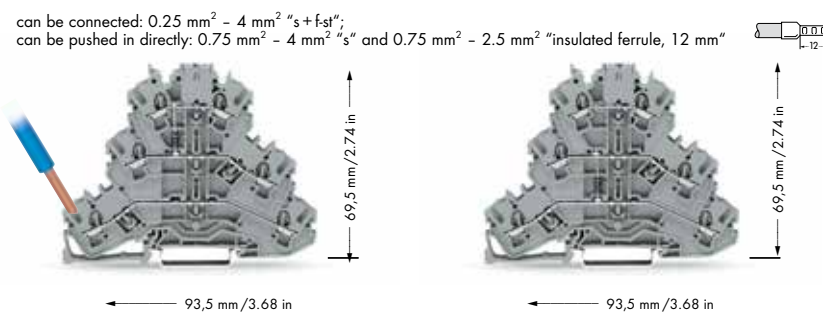


Triple Deck Diode Terminal Blocks / Triple Deck LED Terminal Blocks 2.5 mm²/4 mm² / AWG 12, 2002 Series

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



Through terminal blocks with the same shape
see page 40



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

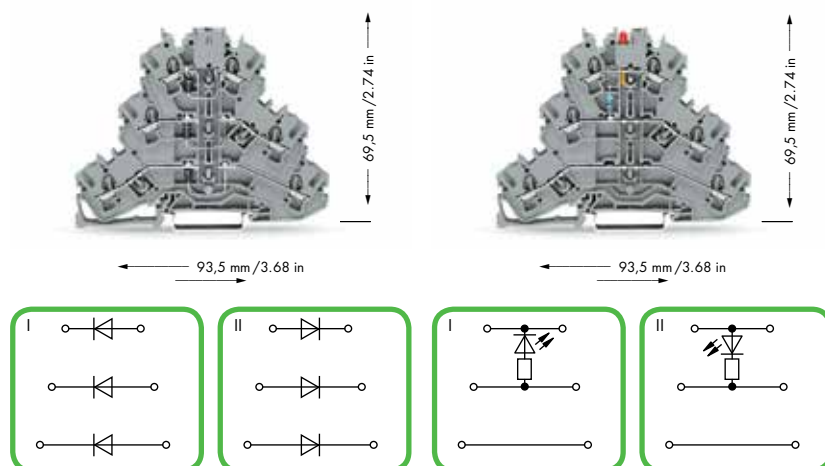
Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

[illegible]

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

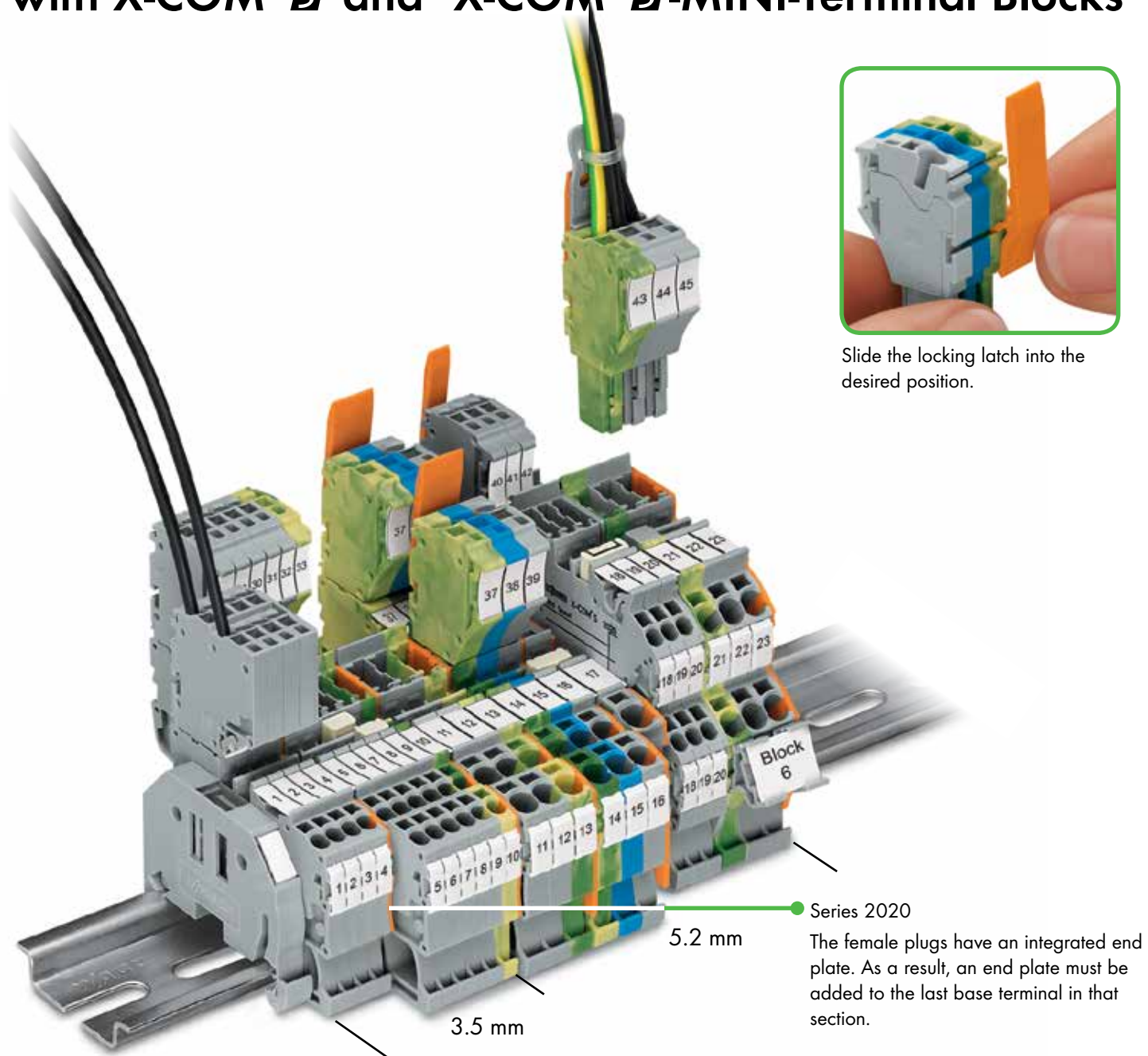
0.25–2.5 (4) mm² AWG 22 – 12 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	0.25–2.5 (4) mm² AWG 22 – 12 DC 24 V I_F 25 mA max. Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in
---	---



Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
Triple deck diode terminal blocks with 3 diodes 1 N 4007		Triple deck LED terminal blocks with red LED, DC 24 V	
Circuit -I, gray	2002-3212/1000-0673 50	Circuit -I, gray	2002-3221/1000-0434 50
Circuit II, gray	2002-3212/1000-0674 50	Circuit II, gray	2002-3221/1000-0413 50

[illegible]

TOPJOB® S is pluggable: with X-COM® S and X-COM® S-MINI-Terminal Blocks



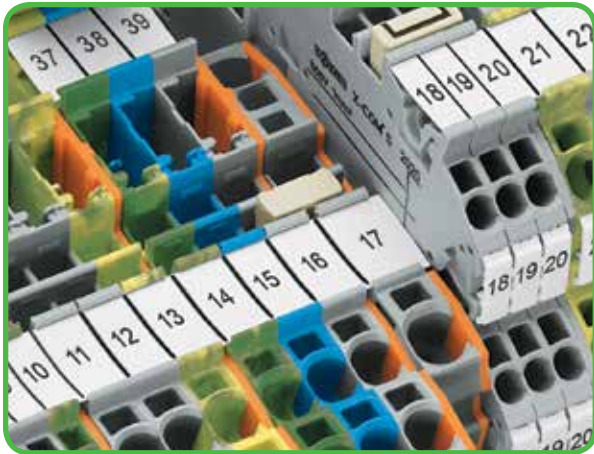
Plugs can be locked individually.



Coding pins can be used to protect against mis-mating.



To code the female plug, first remove the desired coding finger.

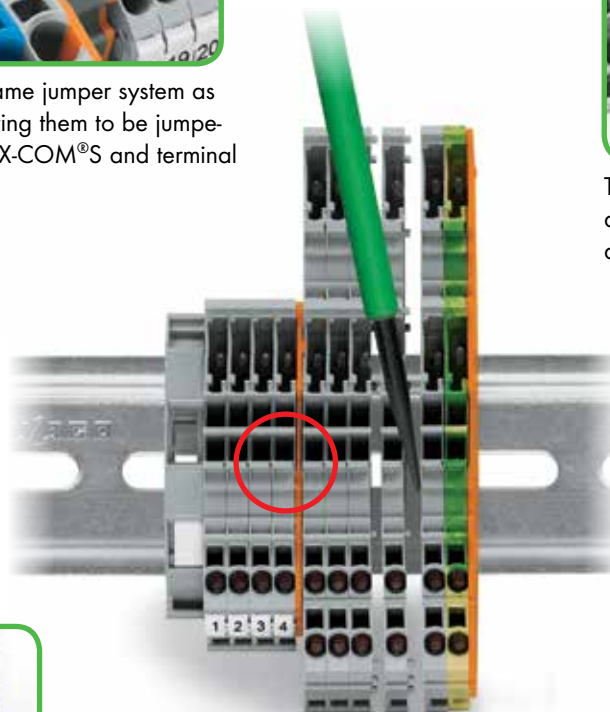


X-COM®S terminal blocks use the same jumper system as the TOPJOB®S terminal blocks allowing them to be jumpered together (e.g. see terminal #16 X-COM®S and terminal #17 TOPJOB®S).



TOPJOB®S test plug adapters can also be used with series 2020 and 2022.

X-COM®S terminal blocks can be snapped together to form groups. Individual terminal blocks can also be removed via the actuation tool.



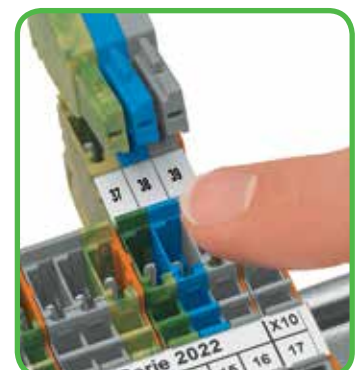
The notches shown above allow the terminal blocks to be easily separated.



Terminal blocks in both the series 2020 and 2022 can be jumpered together as the jumper locations align.



Additional marking available with adapter.

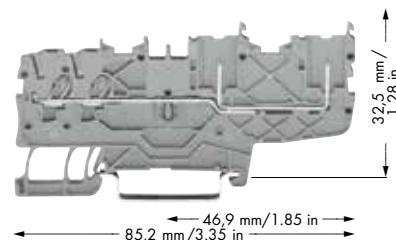
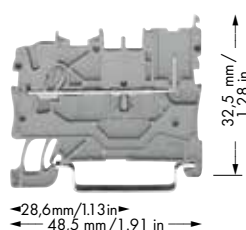


Both base terminal blocks and female plugs are touch safe.

X-COM® -SYSTEM MINI

1-Conductor/1-Pin Receptacle Terminal Blocks; 2-Conductor/2-Pin Receptacle Terminal Blocks, 1.0 (1.5)mm²/AWG 16, 2020 Series

	0.14 – 1 (1.5) mm² 500 V/6 kV/3 I_N 13.5 A*	AWG 24 – 16 300 V, 10 A  300 V, 10 A 	0.14 – 1 (1.5) mm² 500 V/6 kV/3 I_N 13.5 A*	AWG 24 – 16 300 V, 10 A  300 V, 10 A 
	Terminal block width 3.5 mm / 0.137 in  9 – 11 mm / 0.39 in		Terminal block width 3.5 mm / 0.137 in  9 – 11 mm / 0.39 in	



Description		Item no.		Pack. unit	Item no.		Pack. unit
	1-conductor/1-pin receptacle terminal block, suitable for DIN 35 rail acc. to EN 60715	1-conductor/1-pin receptacle terminal block			2-conductor/2-pin receptacle terminal block		
		gray	2020-1201	 100	gray	2020-1401	 100
		blue	2020-1204	 100	blue	2020-1404	 100
	2-conductor/2-pin receptacle terminal block, suitable for DIN 35 rail acc. to EN 60715	1-conductor/1-pin ground receptacle terminal block			2-conductor/2-pin ground receptacle terminal block		
		green-yellow	2020-1207	 100	green-yellow	2020-1407	 100
Accessories		Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)					
	End and intermediate plate	1 mm/0.039 in thick			1 mm/0.039 in thick		
		gray	2020-1291	100 (4 x 25)	gray	2020-1491	100 (4 x 25)
		orange	2020-1292	100 (4 x 25)	orange	2020-1492	100 (4 x 25)
	Push-in type jumper bars, light gray, insulated, I _N 14 A	2-way	2000-402	200 (8 x 25)	2-way	2000-402	200 (8 x 25)
		3-way	2000-403	200 (8 x 25)	3-way	2000-403	200 (8 x 25)
		4-way	2000-404	200 (8 x 25)	4-way	2000-404	200 (8 x 25)
		5-way	2000-405	100 (4 x 25)	5-way	2000-405	100 (4 x 25)
		:	:	:	:	:	:
		10-way	2000-410	100 (4 x 25)	10-way	2000-410	100 (4 x 25)
	Push-in type jumper bars, light gray, insulated, I _N 14 A	from 1 to 3	2000-433	200 (8 x 25)	from 1 to 3	2000-433	200 (8 x 25)
		from 1 to 4	2000-434	200 (8 x 25)	from 1 to 4	2000-434	200 (8 x 25)
		from 1 to 5	2000-435	100 (4 x 25)	from 1 to 5	2000-435	100 (4 x 25)
		:	:	:	:	:	:
		from 1 to 10	2000-440	100 (4 x 25)	from 1 to 10	2000-440	100 (4 x 25)
	Carrier with 6 coding pins, for coding of female plugs	orange	2020-100	100 (4 x 25)	orange	2020-100	100 (4 x 25)
	Protective warning marker, with high-voltage symbol, for 5 terminal blocks	yellow	2000-115	100 (4 x 25)	yellow	2000-115	100 (4 x 25)
	Test pin, Ø 1 mm/0.039 in		859-500			859-500	
	WMB Multi marking card, Pin spacing: 3.5 mm/0.138 in, 10 strips with 10 markers per card, white	plain	793-3501	5	plain	793-3501	5
	Marker strips, on roll, 50 m, 11 mm/0.039 in wide, white	plain	2009-110	1	plain	2009-110	1

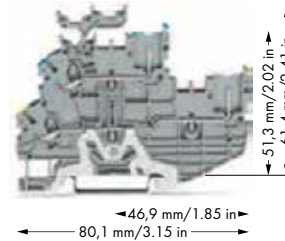
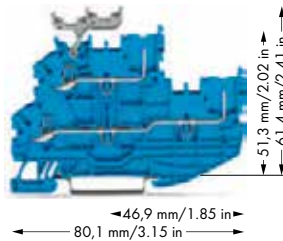
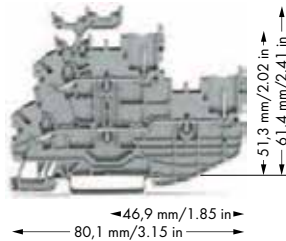
*Current-carrying capacity curves on request

X-COM® -SYSTEM MINI

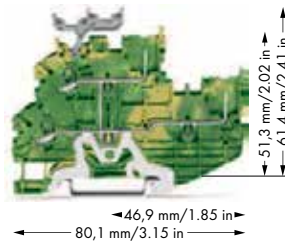
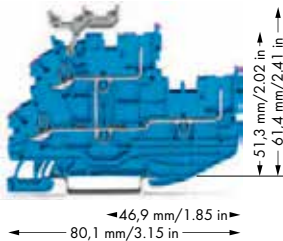
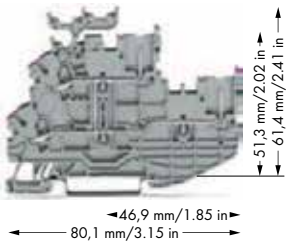
1-Conductor/1-Pin Double-Deck Carrier Terminal Blocks

1.0 (1.5)mm²/AWG 16, 2020 Series

0.14 – 1 (1.5) mm ² 500 V/6 kV/3 I _N 13.5 A	AWG 24 – 16 300 V, 10 A  300 V, 10 A 	0.14 – 1 (1.5) mm ² 500 V/6 kV/3 I _N 13.5 A*	AWG 24 – 16 300 V, 10 A  300 V, 10 A 	0.14 – 1 (1.5) mm ² 500 V/6 kV/3 I _N 13.5 A*	AWG 24 – 16 300 V, 10 A  300 V, 10 A 
Terminal block width 3.5 mm / 0.137 in  9 – 11 mm / 0.39 in		Terminal block width 3.5 mm / 0.137 in  9 – 11 mm / 0.39 in		Terminal block width 3.5 mm / 0.137 in  9 – 11 mm / 0.39 in	



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
1-conductor/1-pin double deck carrier terminal block, through/through terminal block, with marker carrier, housing color gray		1-conductor/1-pin double deck carrier terminal block, through/through terminal block, with marker carrier, housing color blue		1-conductor/1-pin double deck carrier terminal block, ground conductor/through terminal block, with marker carrier, housing color gray	
L/L	2020-2231 50	N	2020-2234 50	PE/N	2020-2247 50
N/L	2020-2232 50			PE/L	2020-2257 50
L/N	2020-2233 50				
without marker carrier, housing color gray		without marker carrier, housing color blue		without marker carrier, housing color gray	
L/L	2020-2201 50	N	2020-2204 50	PE/N	2020-2217 50
N/L	2020-2202 50			PE/L	2020-2227 50
L/N	2020-2203 50				



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Bestellnr.	Pack.-unit pcs
2-conductor/2-pin double deck carrier terminal block, 2-conductor/2-pin through terminal block, with marking carrier, internal commoning, connector entry colored violet, housing color gray		2-conductor/2-pin double deck carrier terminal block, 2-conductor/2-pin through terminal block, with marking carrier, internal commoning, connector entry colored violet, housing color blue		2-conductor/2-pin double deck carrier terminal block, 2-conductor/2-pin ground conductor terminal block, with marking carrier, internal commoning, housing color green-yellow	
L	2020-2238  50	N	2020-2239  50	PE	2020-2237  50
without marking carrier, internal commoning, conductor entry colored violet, housing color gray		without marking carrier, internal commoning, conductor entry colored violet, housing color gray		without marking carrier, internal commoning, housing color green-yellow	
L	2020-2208  50	N	2020-2209  50	PE	2020-2207  50

Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

End and intermediate plate, 1 mm thick orange 2020-2292 100 (4 x 25) gray 2020-2291 100 (4 x 25) 	Double-deck marker carrier, pivotal, gray 2000-121 50 (4 x 25) 	Marking strip, white, plain 11 mm wide 50 m roll 2009-110 1 
Push-in type jumper bars, light gray, insulated, I_N 25 A 2-way 2000-402 200 (8 x 25) 3-way 2000-403 200 (8 x 25) 4-way 2000-404 200 (8 x 25) 5-way 2000-405 100 (4 x 25) : 10-way 2000-410 100 (4 x 25) 	Push-in type jumper bars, light gray, insulated, I_N 25 A 1 - 3 2000-433 200 (8 x 25) 1 - 4 2000-434 200 (8 x 25) 1 - 5 2000-435 100 (4 x 25) : 1 - 10 2000-440 100 (4 x 25) 	WMB Multi marking system, 10 strips with 10 markers per card, for 3.5 mm terminal block width plain 793-3501 5 

X-COM® -SYSTEM MINI

1-Conductor Female Plugs; 2-Conductor Female Plugs 2020 Series

	0.14 – 1 (1.5) mm² 500 V/6 kV/3 I_N 13.5 A* Module width 3.5 mm / 0.138 in  9 – 11 mm / 0.39 in	AWG 24 – 16 300 V, 10 A  300 V, 10 A 	0.14 – 1 (1.5) mm² 500 V/6 kV/3 I_N 13.5 A* Module width 3.5 mm / 0.138 in  9 – 11 mm / 0.39 in	AWG 24 – 16 300 V, 10 A  300 V, 10 A 
--	--	--	--	--

- ① 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree

- ② The female plugs come equipped with an end plate, 0.7 mm/0.027 in thick. The receptacle terminal blocks must also be fitted with end plates.



Description	No. of poles	Item no.	Pack. unit	No. of poles	Item no.	Pack. unit
1-conductor female plug with CAGE CLAMP®S, to be inserted into receptacle terminal blocks	1-conductor female plug, with coding fingers, gray, 2 poles 3 poles	2020-102 2020-103	100 50	2-conductor female plug, with coding fingers, gray, 2 poles 3 poles	2020-202 2020-203	100 50
2-conductor female plug with CAGE CLAMP®S, to be inserted into receptacle terminal blocks	: 14 poles 15 poles	: 2020-114 2020-115	10 10	: 14 poles 15 poles	: 2020-214 2020-215	10 10
Additional poles and/or mixed (gray/blue/green-yellow) female plugs on request						
Accessories						
Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)						
	Locking levers can be snapped on female plugs	Female plugs with 2 poles 3 poles and more gray 2022-141 2022-151 100 (4 x 25) orange 2022-142 2022-152 100 (4 x 25)		Female plugs with 2 poles 3 poles and more gray 2022-141 2022-151 100 (4 x 25) orange 2022-142 2022-152 100 (4 x 25)		
	Protective warning marker, with high-voltage symbol, for 5 terminal blocks	yellow 2000-115 100 (4 x 25)		yellow 2000-115 100 (4 x 25)		
	Strain relief plate, gray, snap-on type, for 1- and 2-conductor female plugs	2 to 3 poles 734-327 100 (4 x 25) 4 to 6 poles 734-328 100 (4 x 25) 7 to 9 poles 734-329 100 (4 x 25) 10 to 15 poles 734-326 100 (4 x 25)		2 to 3 poles 734-327 100 (4 x 25) 4 to 6 poles 734-328 100 (4 x 25) 7 to 9 poles 734-329 100 (4 x 25) 10 to 15 poles 734-326 100 (4 x 25)		
	WMB Multi marking card Pin spacing: 3.5 mm/0.138 in, 10 strips with 10 markers per card, white	plain 793-3501 5		plain 793-3501 5		
	Marker strips, on roll, 50 m, 11 mm/0.039 in wide, white	plain 2009-110 1		plain 2009-110 1		
	Test pin, Ø 1 mm/0.039 in	859-500		859-500		



X-COM® S-SYSTEM MINI

Female Plugs for Self-Assembly

2020 Series

0.14 – 1 (1.5) mm ² 500 V/6 kV/3 I _N 13.5 A	AWG 24 – 16 300 V, 10 A  300 V, 10 A 	0.14 – 1 (1.5) mm ² 500 V/6 kV/3 I _N 13.5 A	AWG 24 – 16 300 V, 10 A  300 V, 10 A 
Module width 3.5 mm / 0.138 in		Module width 3.5 mm / 0.138 in	
 9 – 11 mm / 0.39 in		 9 – 11 mm / 0.39 in	



Item No.	Pack. Unit	Item No.	Pack. Unit
1-conductor end module, with coding fingers		2-conductor end module, with coding fingers	
 gray	2020-181 250	 gray	2020-281 250
 blue	2020-184 250	 blue	2020-284 250
 green-yellow	2020-187 250	 green-yellow	2020-287 250
1-conductor base module with end plate, with coding fingers		2-conductor base module with end plate, with coding fingers	
 gray	2020-161 250	 gray	2020-261 250
 blue	2020-164 250	 blue	2020-264 250
 green-yellow	2020-167 250	 green-yellow	2020-267 250

Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

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

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.

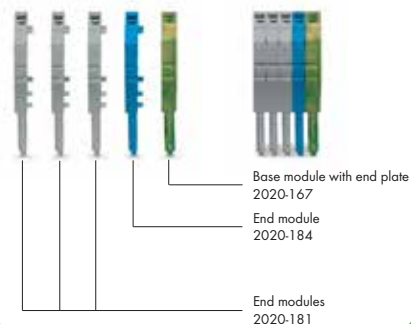


End Module



Base Module

Example: 5-Pole, 1-Conductor Female Plug

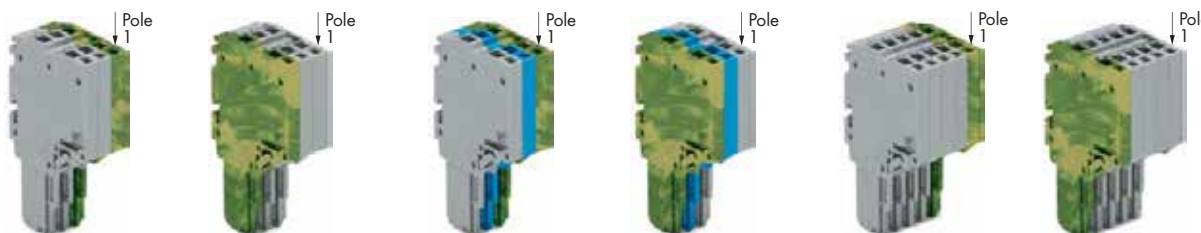


X-COM® -SYSTEM

Pre-Assembled Female Plugs

2020 Series

0.14 – 1 (1.5) mm² AWG 24 – 16 500 V/6 kV/3 300 V, 10 A  I_N 13.5 A Module width 3.5 mm / 0.138 in  9 – 11 mm / 0.39 in	0.14 – 1 (1.5) mm² AWG 24 – 16 500 V/6 kV/3 300 V, 10 A  I_N 13.5 A Module width 3.5 mm / 0.138 in  9 – 11 mm / 0.39 in	0.14 – 1 (1.5) mm² AWG 24 – 16 500 V/6 kV/3 300 V, 10 A  I_N 13.5 A Module width 3.5 mm / 0.138 in  9 – 11 mm / 0.39 in
---	---	---



Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
	2-conductor female plug with ground base module (green-yellow),			2-conductor female plug with ground base module (green-yellow),			2-conductor female plug with ground base module (green-yellow),	
	for insertion into carrier terminal blocks, with coding fingers			for insertion into carrier terminal blocks, with coding fingers, gray, blue, green-yellow			for insertion into carrier terminal blocks, with coding fingers	
3	2020-203/000-036	50	3	2020-203/000-038	50	5	2020-205/000-036	50
	2-conductor female plug with ground end module (green-yellow),			2-conductor female plug with ground end module (green-yellow),			2-conductor female plug with ground end module (green-yellow),	
	for insertion into carrier terminal blocks, with coding fingers			for insertion into carrier terminal blocks, with coding fingers, green-yellow, blue, gray			for insertion into carrier terminal blocks, with coding fingers	
3	2020-203/000-037	50	3	2020-203/000-039	50	5	2020-205/000-037	50
For other lengths up to maximum 15 poles, please contact factory.			For other lengths up to maximum 15 poles, please contact factory.			For other lengths up to maximum 15 poles, please contact factory.		

Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

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

X-COM® -SYSTEM

Pre-Assembled Female Plugs

2020 Series

0.14 – 1 (1.5) mm²

500 V/6 kV/3

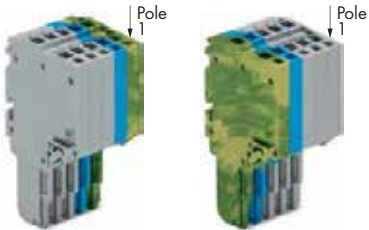
 $I_N = 13.5 \text{ A}$

Module width 3.5 mm / 0.138 in

 9 – 11 mm / 0.39 in

AWG 24 – 16

300 V, 10 A

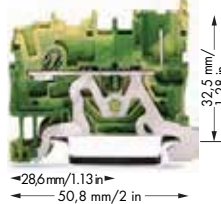
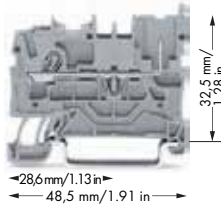
[illegible]

X-COM® -SYSTEM

1-Conductor/1-Pin Carrier Terminal Block

2.5 (4)mm²/AWG 12, 2022 Series

0.25 – 2.5 (4) mm ² 690 V/6 kV/3 I _N 24 A (32 A)	AWG 22 – 12 600 V, 20 A  600 V, 20 A 	0.25 – 2.5 (4) mm ² AWG 22 – 12	
Terminal block width 5.2 mm / 0.205 in		Terminal block width 5.2 mm / 0.205 in	
 10 – 12 mm / 0.43 in		 10 – 12 mm / 0.43 in	



Insert coding pin into the corresponding slot and twist it off.



Carrier terminal blocks and female plugs are protected against accidental contact.

Item No.	Pack. Unit	Item No.	Pack. Unit
1-conductor/1-pin carrier terminal block, for DIN 35 rail, acc. to EN 60715		1-conductor/1-pin ground carrier terminal block, for DIN 35 rail, acc. to EN 60715	
 gray	2022-1201 100	 green-yellow	2022-1207 100
 blue	2022-1204 100		
Item-Specific Accessories			
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks			
 yellow	2002-115 100 (4x25)		

Accessories

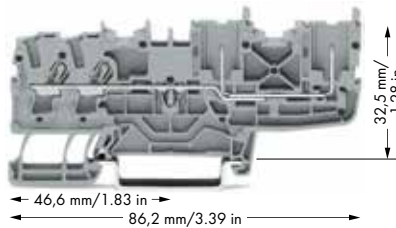
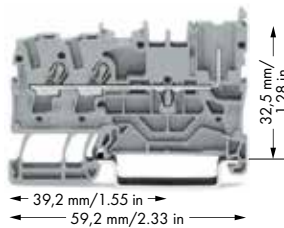
Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

End and intermediate plate, 1 mm thick  orange 2022-1292 100 (4x25)  gray 2022-1291 100 (4x25)		Slim style jumper  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	
Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm ² light gray 2002-171 200 (8x25)				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	
Insulation stop, 5 pcs/strip, 0.75 - 1 mm ² 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 wire jumper,  insulated, I _N 16 A, wire size 1.5 mm ² 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	
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)		Carrier with 6 coding pins,  for coding female plugs orange 2022-100 100 (4x25)		Marking strip, plain, 11 mm wide, 50 m roll white 2009-110 1	
		Test pin,  1 mm Ø 859-500 1		Screwless end stop, for DIN 35 rail, 6 mm wide gray 249-116 100 (4x25)	
		1-conductor female plug gray 2022-101 200			

X-COM®**B**-SYSTEM

2-Conductor/1-Pin-Receptacle and 2-Conductor/2-Pin-Receptacle Terminal Block 2.5 (4)mm²/AWG 12, 2022 Series

0.25 - 2.5 (4) mm ² 690 V/6 kV/3 I _N 24 A (32 A) Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in	AWG 22 - 12 600 V, 20 A  600 V, 20 A 	0.25 - 2.5 (4) mm ² 690 V/6 kV/3 I _N 24 A (28 A) Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in	AWG 22 - 12 600 V, 20 A  600 V, 20 A 
--	---	--	---



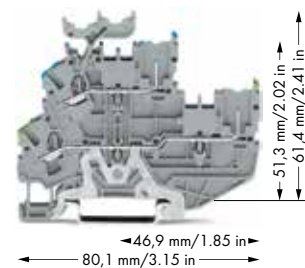
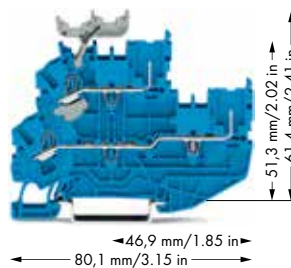
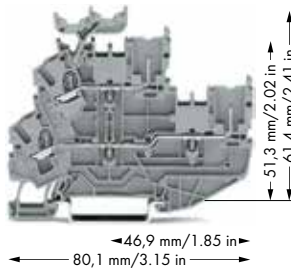
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	
2-Conductor/1-Pin-Receptacle, suitable for DIN 35 rail		2-Conductor/2-Pin-Receptacle, suitable for DIN 35 rail		
gray	2022-1301  100	gray	2022-1401  50	
blue	2022-1304  100	blue	2022-1404  50	
2-Conductor/1-Pin-Ground-Receptacle, suitable for DIN 35 rail		2-Conductor/2-Pin-Ground-Receptacle, suitable for DIN 35 rail		
green-yellow	2022-1307  100	green-yellow	2022-1407  50	
Accessories - Item Specific				
End and intermediate plate, 1 mm thick		End and intermediate plate, 1 mm thick		
 orange	2022-1392 100 (4x25)	 orange	2022-1492 100 (4x25)	
gray	2022-1391 100 (4x25)	gray	2022-1491 100 (4x25)	
Accessories				
Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)				
Insulation stop, 5 pcs / Strip,		Push-in type wire jumpers, isolated,		Continuous marking strip, blank
	0.25 - 0.5 mm ² light gray 2002-171 200 (8x25)		I _N 16 A, wire size 1.5 mm ² 60 mm 2009-412 100 (10x10)	 11 mm wide, 50 m roll white 2009-110
	0.75 - 1 mm ² dark gray 2002-172 200 (8x25)		110 mm 2009-414 100 (10x10)	WMB Inline, blank,
Push-in type jumper bars, light gray, insulated		Carrier with 6 coding pins		 5 - 5.2 mm 1,500 WMB-markers on 5 mm roll white 2009-115 1
	I _N 25 A, 2-way 2002-402 200 (8x25)		for coding of female plugs orange 2022-100 100 (4x25)	Slim Style Jumpers, light gray, insulated, I_N 25 A
	3-way 2002-403 200 (8x25)	Test pin,		 2-way 2002-472 100 (4 x 25)
	4-way 2002-404 200 (8x25)	 1 mm Ø 859-500 1		3-way 2002-473 100 (4 x 25)
	10-fach 2002-410 100 (4x25)	Protective warning marker, with high voltage symbol		4-way 2002-474 100 (4 x 25)
Push-in type jumper bars, light gray, insulated		 for 5 mm terminal blocks yellow 2002-115 100 (4x25)		5-way 2002-475 50 (2 x 25)
	I _N 25 A, 1 - 3 2002-433 200 (8x25)	1-conductor female plug		5-way 2002-476 50 (2 x 25)
	1 - 4 2002-434 200 (8x25)	 gray 2022-101 200		5-way 2002-477 50 (2 x 25)
	1 - 5 2002-435 100 (4x25)			5-way 2002-478 50 (2 x 25)
	1 - 10 2002-440 100 (4x25)			5-way 2002-479 50 (2 x 25)
				5-way 2002-480 50 (2 x 25)
				5-way 2002-481 50 (2 x 25)
				12-way 2002-482 50 (2 x 25)
				WMB multi marking card
				 10 strips with 10 markers each 5 - 5.2 mm blank 793-5501 5

X-COM® -SYSTEM

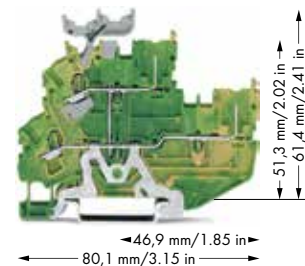
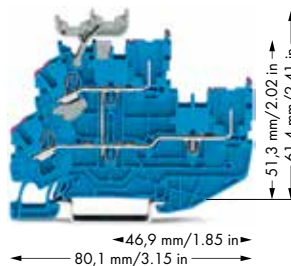
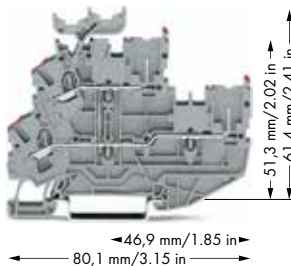
1-Conductor/1-Pin Double Deck Receptacle Terminal Blocks

2.5 (4)mm²/AWG 12, 2022 Series

0.25 - 2.5 (4) mm ² 690 V/6 kV/3 I _N 24 A (28 A)	AWG 22 - 12 600 V, 20 A  600 V, 20 A 	0.25 - 2.5 (4) mm ² 690 V/6 kV/3 I _N 24 A (28 A)	AWG 22 - 12 600 V, 20 A  600 V, 20 A 	0.25 - 2.5 (4) mm ² 690 V/6 kV/3 I _N 24 A (28 A)	AWG 22 - 12 600 V, 20 A  600 V, 20 A 
Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in		Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in		Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in	



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
1-conductor/1-pin double deck receptacle, through/through		1-conductor/1-pin double deck receptacle, through/through		1-conductor/1-pin double deck receptacle, ground/through	
with marker carrier, housing color gray		with marker carrier, housing color blue		with marker carrier, housing color gray	
L/L	2022-2231  50	N/N	2022-2234  50	PE/N	2022-2247  50
N/L	2022-2232  50			PE/L	2022-2257  50
L/N	2022-2233  50				
without marker carrier, housing color gray		without marker carrier, housing color blue		without marker carrier, housing color gray	
L/L	2022-2201  50	N/N	2022-2204  50	PE/N	2022-2217  50
N/L	2022-2202  50			PE/L	2022-2227  50
L/N	2022-2203  50				



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Bestellnr.	Pack.-unit pcs
2-conductor/2-pin double deck receptacle		2-conductor/2-pin double deck receptacle		2-conductor/2-pin double deck receptacle	
feed through		feed through		ground	
with marking carrier, internal common		with marking carrier, internal common		with marking carrier, internal common	
connector entry colored violet, housing color gray		connector entry colored violet, housing color blue		housing color green-yellow	
L	2022-2238  50	N	2022-2239  50	PE	2022-2237  50
without marking carrier, housing color gray		without marking carrier, housing color blue		with marking carrier, housing color green-yellow	
L	2022-2208  50	N	2022-2209  50	PE	2022-2207  50

Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 -101)

End and intermediate plate, 1 mm thick  orange 2022-2292 100 (4 x 25) gray 2022-2291 100 (4 x 25)	Double-deck marker carrier,  pivotal, gray 2002-121 50 (4 x 25)	Marking strip, white, plain  11 mm wide 50 m roll 2009-110 1
Push-in type jumper bars, light gray, insulated, I_N 25 A  2-way 2002-402 200 (8 x 25) 3-way 2002-403 200 (8 x 25) 4-way 2002-404 200 (8 x 25) 5-way 2002-405 100 (4 x 25) : : 10-way 2002-410 100 (4 x 25)	Push-in type jumper bars, light gray, insulated, I_N 25 A  1 - 3 2002-433 200 (8 x 25) 1 - 4 2002-434 200 (8 x 25) 1 - 5 2002-435 100 (4 x 25) : : 1 - 10 2002-440 100 (4 x 25)	WMB Multi marking system,  10 strips with 10 markers per card, for 3.5 mm terminal block width plain 793-5501 5

X-COM® S-SYSTEM

1-Conductor Female Plugs

2022 Series

0,25 – 2.5 (4) mm² | AWG 22 – 12
690 V/6 kV/3 | 600 V, 20 A 
I_N 24 (32) A* | 600 V, 20 A 
Module width 5.2 mm / 0.205 in
 10 – 12 mm / 0.43 in

[illegible]

To code a female plug, remove the desired coding finger using a suitable tool . . .



... and insert a 2022-100 coding pin into the corresponding location of the receptacle terminal block.

X-COM® S-SYSTEM

Female Plugs for Self-Assembly, 2022 Series

0.25 – 2.5 (4) mm² | AWG 22 – 12
 690 V/6 kV/3 | 600 V, 20 A
 I_N 24 (32) A | 600 V, 20 A
 Terminal block width 5.2 mm / 0.205 in
 10 – 12 mm / 0.43 in



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.

Item No.	Pack. Unit	
1-conductor end module, with coding fingers		
gray 2022-181	250	
blue 2022-184	250	
green-yellow 2022-187	250	
1-conductor center module, with coding fingers		
gray 2022-171	250	
blue 2022-174	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	
green-yellow 2022-167	250	



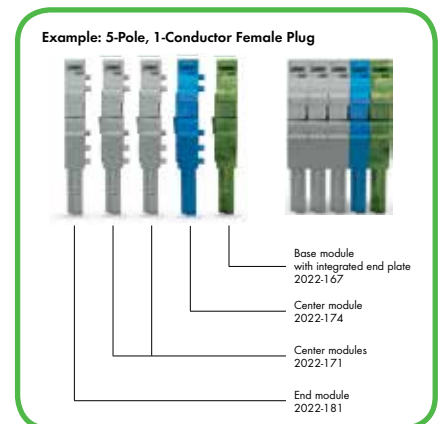
End Module



Center Module



Base Module



Accessories

Appropriate marking systems: WMB/Marking Strips (see pages 96 - 101)

Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm ² light gray 2002-171 200 (8x25)		WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain 793-5501 5	
Insulation stop, 5 pcs/strip, 0.75 - 1 mm ² dark gray 2002-172 200 (8x25)		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	
Locking lever, 4.8 mm wide orange 2022-142 100 (4x25) gray 2022-141 100 (4x25)		WMB Inline, plain, stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll white 2009-115 1	
Locking lever, 9.6 mm wide orange 2022-152 100 (4x25) gray 2022-151 100 (4x25)		Marking strip, plain, 11 mm wide, 50 m roll white 2009-110 1	
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)			

TOPJOB®

Separator Plates, Oversized

Separator plates, oversized suitable for 2002 Series Terminal Blocks	Separator plates, oversized suitable for 2004 Series Terminal Blocks	Separator plates, oversized suitable for 2006 Series Terminal Blocks
---	---	---



Item no.	Pack-unit pcs.	Item no.	Pack-unit pcs.	Item no.	Pack-unit pcs.
Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 2-conductor terminal blocks		Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 2-conductor terminal blocks		Separator plate, oversized, 0.8 mm/ 0.031 in thick suitable for 2-conductor terminal blocks	
orange	2002-1294	100	orange	2004-1294	100
gray	2002-1293	100	gray	2004-1293	100



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

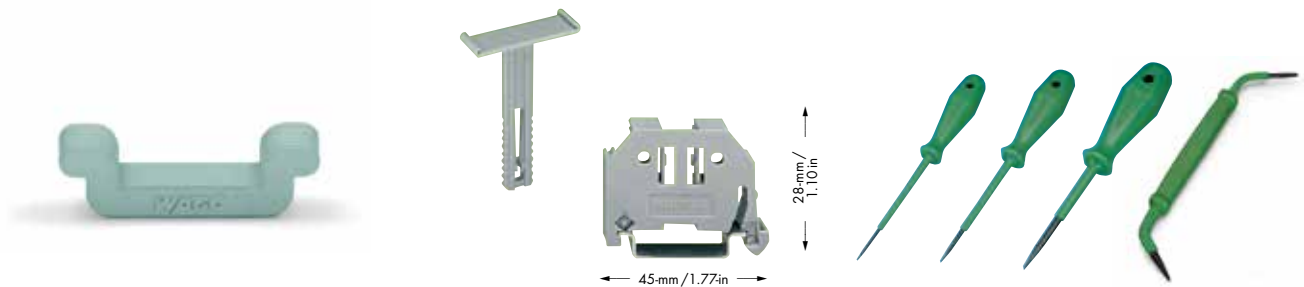


Note: Exe/Exi separators can be used with all TOPJOB®S series

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

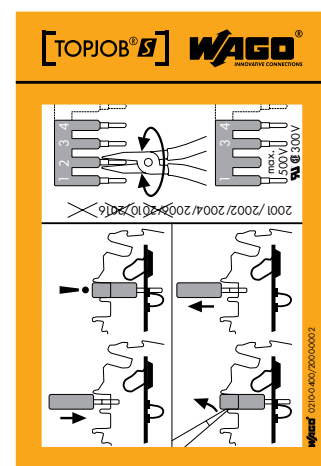
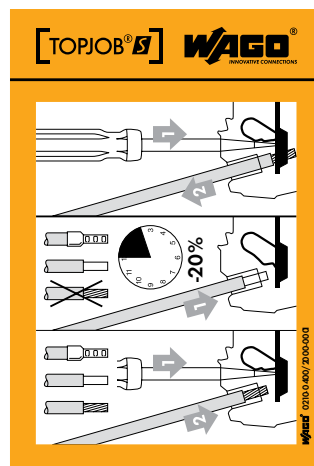
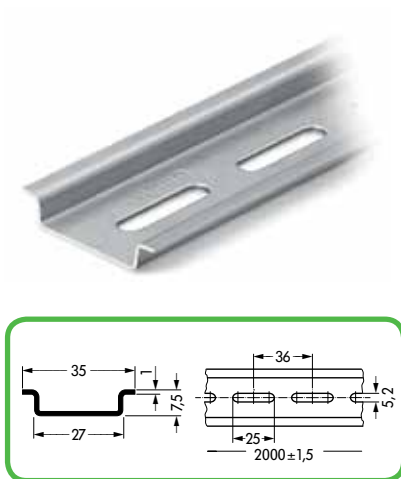
Mounting Accessories Carrier Rails and Stickers for Operating Instructions

Rail end cap	Adjustable height group marker carriers End stop	Screwdrivers with partially insulated shaft for optimum handling in terminal blocks
--------------	---	--



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Rail end cap, for DIN 35 rail (7.5 mm high)		Adjustable height group marker carriers,		Screwdriver with partially insulated shaft,	
209-109	50 (2 x 25)	249-119	50 (2 x 25)	type 1, blade 2.5 x 0.4 mm / 0.098 in x 0.016 in,	
		Marker card . . . , from white cardboard, for self-marking, 100 markers per sheet		suitable for series 2001, 2000	
		209-113	1 sheet	210-719	1
		. . . or self-adhesive label, for self-marking, 7 x 25 pcs per sheet		type 2, blade 3.5 x 0.5 mm / 0.137 in x 0.020 in,	
		210-345	1 sheet	suitable for Series 2002, 2004	
		Protection cover, transparent		210-720	1
		209-114	50	type 3, blade 5.5 x 0.8 mm / 0.217 in x 0.031 in,	
		End stop, for DIN 35 rail		suitable for Series 2006, 2010, 2016	
		6 mm / 0.236 in wide 249-116	100 (4 x 25)	210-721	1
		10 mm / 0.394 in wide 249-117	50 (2 x 25)	Screwdrivers with partially insulated shaft, – set –	
				types 1 – 3	
				210-722	1
				TOPJOB®S tool with partially insulated shaft	
				suitable for Series 2003, 2005	
				2009-310	1

Carrier rail 35 x 7.5 mm, 1 mm / 0.039 in thick, acc. to EN 60715, Steel, I _N 76 A (referred to a length of 1 m)	Operating sticker for TOPJOB®S rail-mounted terminal blocks Size 80 mm x 101 mm	Operating sticker for TOPJOB®S jumpers Size 80 mm x 101 mm
---	--	---



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Steel rail 35-x-7.5 mm, 1-mm/0.039 in thick		Operating sticker,		Operating sticker,	
unslotted 210-113	10	for TOPJOB®S rail-mounted terminal blocks		for TOPJOB®S jumpers	
Steel rail 35-x-7.5 mm, 1-mm/0.039 in thick		Series 2001/2002/2004/2006/2010/2016		Series 2001/2002/2004/2006/2010/2016	
slotted 210-112	10	210-400/2000-0001	100	210-400/2000-0002	100

Ferrules for Rail-Mounted Terminal Blocks and Crimping Tools

Insulated ferrules,
electrolytic copper, electro-tin plated,
acc. to DIN 46228, part 4/09.90



Dimensions (in mm)	suitable for series	Sleeve for mm²	AWG	Color	Stripped length mm	L	L1	D mm	D1	D2	Item No	Pack.-unit pcs
Insulated ferrules	2001 – 2002	0.5	22	white	12	16	10	3.1	2.6	1.0	216-241	1000
	2001 – 2002	0.75	20	gray	12	16	10	3.3	2.8	1.2	216-242	1000
	2002 – 2006	0.75	20	gray	14	18	12	3.3	2.8	1.2	216-262	1000
	2001 – 2002	1.0	18	red	12	16	10	3.5	3.0	1.4	216-243	1000
	2002 – 2006	1.0	18	red	14	18	12	3.5	3.0	1.4	216-263	1000
	2001 – 2002	1.5	16	black	12	16	10	4.0	3.5	1.7	216-244	1000
	2002 – 2006	1.5	16	black	14	18	12	4.0	3.5	1.7	216-264	1000
	2010 – 2016	1.5	16	black	20	24	18	4.0	3.5	1.7	216-284	1000
	2002	2.5	14	blue	12	17	10	4.7	4.2	2.2	216-246	1000
	2002 – 2006	2.5	14	blue	14	19	12	4.7	4.2	2.2	216-266	1000
	2010 – 2016	2.5	14	blue	20	25	18	4.7	4.2	2.2	216-286	1000
	2004 – 2006	4.0	12	gray	14	20	12	5.4	4.8	2.8	216-267	500
	2010 – 2016	4.0	12	gray	20	26	18	5.4	4.8	2.8	216-287	500
	2006	6.0	10	yellow	14	20	12	6.9	6.3	3.5	216-208	500
	2010 – 2016	6.0	10	yellow	20	26	18	6.9	6.3	3.5	216-288	500
	2010 – 2016	10.0	8	red	20	28	18	8.4	7.6	4.5	216-289	500
	2016	16.0	6	blue	23	28	18	9.6	8.8	5.8	216-210	500

Notes: Twin ferrules are available. Contact WAGO for more information.



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

Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
Variocrimp 4, Crimping tool for ferrules insulated and uninsulated, 0.25 mm² – 4 mm² / AWG 24 – 12		Variocrimp 16, Crimping tool for ferrules insulated and uninsulated, 6 mm² – 16 mm² / AWG 10 – 6	
206-204	1	206-216	1
weight 400 g / 0.882 lbs		weight 580 g / 1.28 lbs	

Overview of Connectable Ferrules from 0.5 mm²

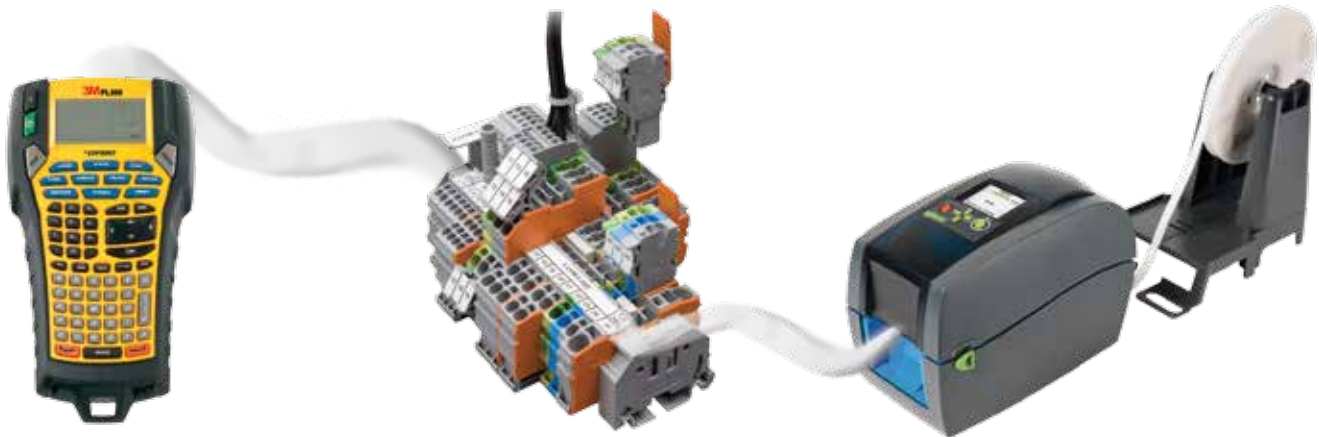
											
Series	Rated cross-section in mm ²	0.5 mm ²	0.75 mm ²	1 mm ²	1.5 mm ²	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	
2001	0.25 - 1.5 (2.5)	216-241	216-242	216-243	216-244	—	—	—	—	—	
2002	0.25 - 2.5 (4)	216-241	216-242	216-243	216-244	216-246	—	—	—	—	
2003	0.25 - 2.5 (4)	216-241	216-242	216-243	216-244	216-246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

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

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

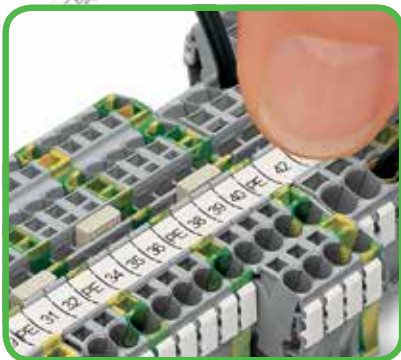
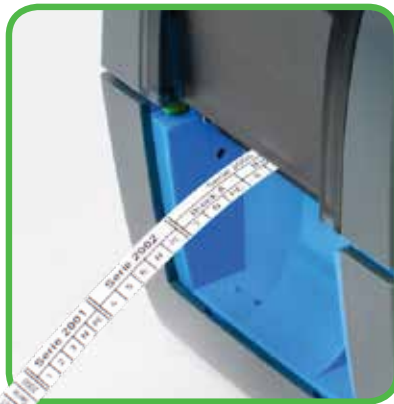
Convenient Marking

With WMB Inline or Continuous Marking Strip – Quick and Easy



3M - PL 300 printer

The *smartPRINTER™* offers quick and economical marking using the continuous marking strip...multiple lines of text is even possible.



Cost-Efficient and Fast Marking

Thermal transfer printer <i>smartPRINTER™</i>		Thermal printer 3M-PL300
--	--	-----------------------------



Item No.		Item No.
Thermal transfer printer, smartPRINTER™		3M-PL300/thermal printer
Resolution 300 dpi 258-5000		Resolution 180 dpi 258-6000
Includes: smartSCRIPT software, roller for marking strips, roller for marking WMB Inline (5mm), ink ribbon, 1 roll continuous marking strip and 1 roll WMB inline markers		Marking material options: Polyester strips, 11mm wide – 5.5m long in cartridge 211-611

Marking strip, white for center marking WMB Inline	TOPJOB®S group marker carriers Module width 5 mm / 0.197 in Module width 10 mm / 0.394 in Module width 15 mm / 0.591 in for marker cards and self-adhesive marker cards	TOPJOB®S marking adapters for WMB markers and continuous marking strip
--	---	---



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Marker strip, white, plain for center marking 11 mm wide, on roll 50 m 2009-110	1	TOPJOB®S group marker carrier, snap-on type for jumper slot 5 mm/0.197 in wide 2009-191 10 mm/0.394 in wide 2009-192 15 mm/0.591 in wide 2009-193	50 50 50	Marking adapter for lateral marker receptacle gray 2009-198	200
WMB Inline, pitch 5 mm/ stretchable 5 mm – 5.2 mm, on roll white, 1,500 markers 2009-115	1	suitable for: WAGO Multi marking system WMB, miniature WSB Quick marking system, marker strips, 11 mm wide		Marking adapter for jumper slots gray 2002-161	100
WMB Inline, pitch 4 mm/ stretchable 4 mm – 4.2 mm, on roll white, 2,000 markers 2009-114	1	for marker cards and self-adhesive marker cards 2009-196	50		

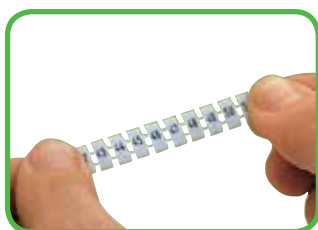
WAGO Multi Marking System WMB – Horizontal for 3.5 mm, 4 - 4.2 mm, 5 mm and wider terminal blocks

	Horizontal marking Consecutive numbers each strip 10 strips with 10 markers per card for terminal block widths 5 - 17.5 mm, 5 - 5.2 mm, 4 - 4.2 mm and 3.5 mm	
--	---	--



- ❶ Individual marking of 2002, 2022, 2004, 2006, 2010 and 2016 series terminal blocks
- ❷ For continuous marking of 2002 and 2022 series terminal blocks. Individual marking of terminal blocks larger than 5/5.2 mm
- ❸ For continuous marking of 2001 series terminal blocks
- ❹ For continuous marking of 2000 series terminal blocks

Marking per card	Marker Width 5 mm ❶	Marker Width 5 - 5.2 mm ❷	Marker Width 4 - 4.2 mm ❸	Marker Width 3.5 mm ❹
1 ... 10 (10x)	793-502	793-5502	793-4502	793-3502
11 ... 20 (10x)	793-503	793-5503	793-4503	793-3503
21 ... 30 (10x)	793-504	793-5504	793-4504	793-3504
31 ... 40 (10x)	793-505	793-5505	793-4505	793-3505
41 ... 50 (10x)	793-506	793-5506	793-4506	793-3506
51 ... 60 (10x)	793-569	793-5569	793-4569	-
61 ... 70 (10x)	793-570	793-5570	793-4570	-
71 ... 80 (10x)	793-571	793-5571	793-4571	-
81 ... 90 (10x)	793-572	793-5572	793-4572	-
91 ... 100 (10x)	793-573	793-5573	793-4573	-
1 ... 50 (2x)	793-566	793-5566	793-4566	793-3566
51 ... 100 (2x)	793-507	793-5507	793-4507	793-3507
101 ... 150 (2x)	793-508	793-5508	793-4508	793-3508
151 ... 200 (2x)	793-509	793-5509	793-4509	793-3509
201 ... 300 (1x)	793-510	793-5510	793-4510	-
301 ... 400 (1x)	793-511	793-5511	793-4511	-
401 ... 500 (1x)	793-512	793-5512	793-4512	-
501 ... 600 (1x)	793-513	793-5513	793-4513	-
601 ... 700 (1x)	793-514	793-5514	793-4514	-
701 ... 800 (1x)	793-515	793-5515	793-4515	-
801 ... 900 (1x)	793-516	793-5516	793-4516	-
901 ... 1000 (1x)	793-517	793-5517	793-4517	-
1 ... 9, ; (10x)	793-565	793-5565	793-4565	793-3565
for double deck terminal blocks				
1, 3, 5, ... 99 and 2, 4, 6, ... 100 (1x)	793-599	793-5599	793-5599	-
for triple deck terminal blocks				
1, 4, 7, ... 88 and 2, 5, 8, ... 89 and 3, 6, 9, ... 90 and 91, 94, 97, 92, 95, 98, 93, 96, 99, ; (1x)	794-557	794-5557	-	-
100, 103, 106, ... 187 and 101, 104, 107, ... 188 and 102, 105, 108, ... 189 and 190, 193, 196, 191, 194, 197, 192, 195, 198, ; (1x)	794-558	794-5558	-	-



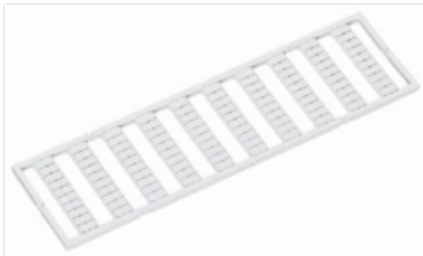
Stretching of a strip,
stretchable from 4 mm up to 4.2 mm for series 2001
stretchable from 5 mm up to 5.2 mm for series 2002



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

WAGO Multi Marking System WMB – Vertical for 3.5 mm, 4 - 4.2 mm, 5 mm and wider terminal blocks

	Vertical marking Consecutive numbers each strip 10 strips with 10 markers per card for terminal block widths 5 - 17.5 mm, 5 - 5.2 mm, 4 - 4.2 mm and 3.5 mm	
--	---	--



- ❶ Individual marking of 2002, 2022, 2004, 2006, 2010 and 2016 series terminal blocks
- ❷ For continuous marking of 2002 and 2022 series terminal blocks. Individual marking of terminal blocks larger than 5/5.2 mm
- ❸ For continuous marking of 2001 series terminal blocks
- ❹ For continuous marking of 2000 series terminal blocks

Marking per card	Marker Width 5 mm ❶	Marker Width 5 - 5.2 mm ❷	Marker Width 4 - 4.2 mm ❸	Marker Width 3.5 mm ❹
1 ... 10 (10x)	793-602	793-5602	793-4602	on request
11 ... 20 (10x)	793-603	793-5603	793-4603	
21 ... 30 (10x)	793-604	793-5604	793-4604	
31 ... 40 (10x)	793-605	793-5605	793-4605	
41 ... 50 (10x)	793-606	793-5606	793-4606	
51 ... 60 (10x)	794-601	794-5601	794-4601	
61 ... 70 (10x)	794-602	794-5602	794-4602	
71 ... 80 (10x)	794-603	794-5603	794-4603	
81 ... 90 (10x)	794-604	794-5604	794-4604	
91 ... 100 (10x)	794-605	794-5605	794-4605	
1 ... 50 (2x)	793-666	793-5666	793-4666	
51 ... 100 (2x)	793-607	793-5607	793-4607	
101 ... 150 (2x)	793-608	793-5608	793-4608	
151 ... 200 (2x)	793-609	793-5609	793-4609	
201 ... 300 (1x)	793-610	793-5610	793-4610	
301 ... 400 (1x)	793-611	793-5611	793-4611	
401 ... 500 (1x)	793-612	793-5612	793-4612	
501 ... 600 (1x)	793-613	793-5613	793-4613	
601 ... 700 (1x)	793-614	793-5614	793-4614	
701 ... 800 (1x)	793-615	793-5615	793-4615	
801 ... 900 (1x)	793-616	793-5616	793-4616	
901 ... 1000 (1x)	793-617	793-5617	793-4617	
1001 ... 1100 (1x)	793-688	793-5688	793-4688	
1101 ... 1200 (1x)	793-669	793-5669	793-4669	
1201 ... 1300 (1x)	793-670	793-5670	793-4670	
1301 ... 1400 (1x)	793-671	793-5671	793-4671	
1401 ... 1500 (1x)	793-672	793-5672	793-4672	
1501 ... 1600 (1x)	793-901	793-5901	793-4901	
1601 ... 1700 (1x)	793-902	793-5902	793-4902	
1701 ... 1800 (1x)	793-903	793-5903	793-4903	
1801 ... 1900 (1x)	793-912	793-5912	793-4912	
1901 ... 2000 (1x)	793-913	793-5913	793-4913	
101, 101, 101, 102, ... 130, 130, 130 (1x)	793-667	793-5667	793-4667	
131, 131, 131, 132, ... 160, 160, 160 (1x)	793-668	793-5668	793-4668	
for double deck terminal blocks				
1, 3, 5, ... 99 and 2, 4, 6, ... 100 (1x)	793-669	793-5699	793-4699	
101, 103, 105, ... 149 and 102, 104, 106, ... 150 (2x)	793-900	793-5900	793-4900	
for triple deck terminal blocks				
1, 4, 7, ... 88 and 2, 5, 8, ... 89 and 3, 6, 9, ... 90 and 91, 94, 97, 92, 95, 98, 93, 96, 99, ; (1x)	794-657	794-5657	794-4657	
100, 103, 106, ... 187 and 101, 104, 107, ... 188 and 102, 105, 108, ... 189 and 190, 193, 196, 191, 194, 197, 192, 195, 198, ; (1x)	794-658	794-5658	-	

Marker cards, plain

Marker strips

WMB Multi marking system	WMB Multi marking system	WSB Quick marking system
--------------------------	--------------------------	--------------------------



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	
WMB Inline marking system		WMB Inline marking system		
for 5 - 17.5 mm width, 10 strips with 10 markers per card		for 5 - 5.2 mm width, 10 strips with 10 markers per card		
plain	793-501 ○ 5	plain	793-5501 ○ 5	
Marker cards in different colors:		Marker cards in different colors:		
yellow	793-501/000-002 ● 5	yellow	793-5501/000-002 ● 5	
red	793-501/000-005 ● 5	red	793-5501/000-005 ● 5	
blue	793-501/000-006 ● 5	blue	793-5501/000-006 ● 5	
gray	793-501/000-007 ● 5	gray	793-5501/000-007 ● 5	
orange	793-501/000-012 ● 5	orange	793-5501/000-012 ● 5	
light green	793-501/000-017 ● 5	light green	793-5501/000-017 ● 5	
green	793-501/000-023 ● 5	green	793-5501/000-023 ● 5	
violet	793-501/000-024 ● 5	violet	793-5501/000-024 ● 5	



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
WMB Inline marking system		WMB multi marking system,		Miniature WSB Quick marking system,	
for 4 - 4.2 mm width, 10 strips with 10 markers per card		3.5 mm wide, 10 strips with 10 markers per card		5 mm wide, 10 strips with 10 markers per card	
plain	793-4501 ○ 5	plain	793-3501 ○ 1	plain	248-501 ○ 5
Marker cards in different colors:		Marker cards in different colors:		Marker cards in different colors:	
yellow	793-4501/000-002 ● 5			yellow	248-501/000-002 ● 5
red	793-4501/000-005 ● 5			red	248-501/000-005 ● 5
blue	793-4501/000-006 ● 5			blue	248-501/000-006 ● 5
gray	793-4501/000-007 ● 5			gray	248-501/000-007 ● 5
orange	793-4501/000-012 ● 5			orange	248-501/000-012 ● 5
light green	793-4501/000-017 ● 5			light green	248-501/000-017 ● 5
green	793-4501/000-023 ● 5			green	248-501/000-023 ● 5
violet	793-4501/000-024 ● 5			violet	248-501/000-024 ● 5

Marker carriers for WCB Combi Marking System

Marking carriers for 4 WCB markers	WCB Combi marking system 20 markers with identical numbers/letters each tag	
---------------------------------------	---	--

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



Insert WCB Combi marker into marker carrier



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

UL 508A Short Circuit Current Rating

Many of WAGO's TOPJOB®S and X-COM®S terminal blocks now carry an increased Short Circuit Current Rating (SCCR). The SCCR originates from changes enacted by the National Electric Code (Article 409) and represented in UL508A. SCCR ensures proper documentation of the maximum short circuit current a component, assembly or equipment can safely withstand when protected by a specific overcurrent protective device.

SCCR Rating for WAGO terminal blocks UL file E45172				Overcurrent Protection Fuse Required Class/Max Amp Rating							
Catalog Number	Line Cond.	Load Cond.	J	T	RK1	RK5	G	CC	SCCR	Volt Max	
2001 Series											
2001-1201, 2001-1204, 2001-1207, 2001-1301, 2001-1304, 2001-1307, 2001-1401, 2001-1404, 2001-1407	14 AWG	14 AWG	30	30			30	30	100kA	600	
2002 Series											
2002-1201, 2002-1204, 2002-1207, 2002-1301, 2002-1304, 2002-1307, 2002-1401, 2002-1404, 2002-1407, 2002-1441, 2002-6301, 2002-6304, 2002-6302, 2002-6307, 2002-6401, 2002-6404, 2002-6402, 2002-6407, 2002-2201, 2002-2202, 2002-2203, 2002-2231, 2002-2232, 2002-2233, 2002-2217, 2002-2227, 2002-2247, 2002-2257, 2002-2208, 2002-2238, 2002-2209, 2002-2239, 2002-2207, 2002-2237, 2002-2401, 2002-2402, 2002-2403, 2002-2404, 2002-2431, 2002-2432, 2002-2433, 2002-2434, 2002-2417, 2002-2427, 2002-2447, 2002-2457, 2002-2408, 2002-2438, 2002-2409, 2002-2439, 2002-2407, 2002-2437, 2002-3201, 2002-3203, 2002-3204, 2002-3231, 2002-3233, 2002-3217, 2002-3227, 2002-3247, 2002-3257, 2002-3208, 2002-3238, 2002-3218, 2002-3228, 2002-3258, 2002-3248, 2002-3207, 2002-3237, 2002-4127, 2002-4157, 2002-4111, 2002-4141, 2002-4101, 2002-4131	14 - 12 AWG	14 - 12 AWG	60	60			30	30	100kA	600	
2002-1601, 2002-1602, 2002-1604, 2002-1671, 2002-1674, 2002-1801, 2002-1802, 2002-1804, 2002-1871, 2002-1872, 2002-1874, 2002-2951, 2002-2954, 2002-2952, 2002-2959, 2002-2971, 2002-2972, 2002-2974	14 - 12 AWG	14 - 12 AWG	30	30			30	30	100kA	300	
2022 Series											
2022-1201, 2022-1204, 2022-127, 2022-1301, 2022-1304, 2022-1307, 2022-1401, 2022-1404, 2022-1407 (can be used with female plugs: 2022-101 thru -115)	14 - 12 AWG	14 - 12 AWG	60	60			30	30	100kA	600	
2004 Series											
2004-1201, 2004-1204, 2004-1207, 2004-1301, 2004-1304, 2004-1307, 2004-1401, 2004-1404, 2004-1407	14 - 10 AWG	14 - 10 AWG	60	60			30	30	100kA	600	
2006 Series											
2006-1201, 2006-1204, 2006-1207, 2006-1301, 2006-1304, 2006-1307, 2006-1601, 2006-1602, 2006-1604, 2006-1671, 2006-1672, 2006-1674	10 - 8 AWG	10 - 8 AWG	100	100	60	30	60	30	100kA	600	
2010 Series											
2010-1201, 2010-1204, 2010-1207, 2010-1301, 2010-1304, 2010-1307	10 - 6 AWG	10 - 6 AWG	100	100	60	30	60	30	100kA	600	
2016 Series											
2016-1201, 2016-1204, 2016-1207, 2016-1301, 2016-1304, 2016-1307	10 - 4 AWG	10 - 4 AWG	100	100	60	30	60	30	100kA	600	
			Overcurrent Protection Circuit Breaker Required								
Catalog Number	Line Cond.	Load Cond.	Mfr.		Type		Max Amp		SCCR	Volt Max	
2002 Series											
2002-1201, 2002-1204, 2002-1207, 2002-1301, 2002-1304, 2002-1307, 2002-1401, 2002-1404, 2002-1407, 2002-1441, 2002-6301, 2002-6304, 2002-6302, 2002-6307, 2002-6401, 2002-6404, 2002-6402, 2002-6407, 2002-2201, 2002-2202, 2002-2203, 2002-2231, 2002-2232, 2002-2233, 2002-2217, 2002-2227, 2002-2247, 2002-2257, 2002-2208, 2002-2238, 2002-2209, 2002-2239, 2002-2207, 2002-2237, 2002-2401, 2002-2402, 2002-2403, 2002-2404, 2002-2431, 2002-2432, 2002-2433, 2002-2434, 2002-2417, 2002-2427, 2002-2447, 2002-2457, 2002-2408, 2002-2438, 2002-2409, 2002-2439, 2002-2407, 2002-2437, 2002-3201, 2002-3203, 2002-3204, 2002-3231, 2002-3233, 2002-3217, 2002-3227, 2002-3247, 2002-3257, 2002-3208, 2002-3238, 2002-3218, 2002-3228, 2002-3258, 2002-3248, 2002-3207, 2002-3237, 2002-4127, 2002-4157, 2002-4111, 2002-4141, 2002-4101, 2002-4131	14 - 12 AWG	14 - 12 AWG	Allen Bradley		140M- D8E-xxx		20		65kA	480	
2004 Series											
2004-1201, 2004-1204, 2004-1207, 2004-1301, 2004-1304, 2004-1307, 2004-1401, 2004-1404, 2004-1407	14 - 10 AWG	14 - 10 AWG	Mitsubishi		NF50- SRU		30		35kA	240	
2006 Series											
2006-1201, 2006-1204, 2006-1207, 2006-1301, 2006-1304, 2006-1307	14 - 8 AWG	14 - 8 AWG	Allen Bradley		140M-F8E xxx		32		65kA	480	
2010 Series											
2010-1201, 2010-1204, 2010-1207, 2010-1301, 2010-1304, 2010-1307	14 - 6 AWG	14 - 6 AWG	Mitsubishi		NF50- SRU		50		35kA	240	
2016 Series											
2016-1201, 2016-1204, 2016-1207, 2016-1301, 2016-1304, 2016-1307	14 - 4 AWG	14 - 4 AWG	Mitsubishi		NF100- SRU		75		35kA	240	

WAGO Service Worldwide

Germany

WAGO Kontakttechnik
Minden
Tel. ++49/571/887/0
Fax ++49/571/887/169

Austria

WAGO Kontakttechnik
Wien
Tel. ++43/1/615/07/80
Fax ++43/1/615/07/75

Belgium

WAGO Kontakttechnik
Zaventem
Tel. ++32/2/7/17/90/90
Fax ++32/2/7/17/90/99

China

WAGO ELECTRONIC Co. Ltd.
Tianjin
Tel. ++86/22/59617688
Fax ++86/22/59617668

England

WAGO, Ltd.
Rugby
Tel. ++44/1788/568008
Fax ++44/1788/568050

France

WAGO CONTACT S.A.
Paris
Tel. ++33/148172590
Fax ++33/148632520

Italy

WAGO ELETTRONICA SRL
Casalecchio di Reno (BO)
Tel. ++39/051/6132112
Fax ++39/051/6272174

Japan

WAGO Co. of JAPAN Ltd.
Tokyo
Tel. ++81/3/5627/2050
Fax ++81/3/5627/2055

Poland

WAGO ELWAG sp. z o. o.
Wroclaw
Tel. ++48/71/3604670/78
Fax ++48/71/3604699

Singapore

WAGO Electronic Pte. Ltd.
Singapore
Tel. ++65/62866776
Fax ++65/62842425

Switzerland

WAGO CONTACT SA
Domdidier
Tel. ++41/26/676/75/86
Fax ++65/26/676/75/01

Mexico

WAGO Corporation
Queretaro
Tel. 001/800/309/5975
+ 52/442/221/5946
Fax + 52/442/221/5063

Canada

WAGO Corporation
Tel. 800/DIN Rail (346-7245)
Fax 262/255-3232
www.wago.ca

WAGO Corporation
N120 W19129 Freistadt Road
Germantown, Wisconsin 53022
Telephone: 800 / DIN Rail (346-7245)
Fax: 262 / 255-3232
info.us@wago.com
www.wago.us

