

TOPJOB® S Rail-Mounted Terminal Blocks – Description and Installation –

Conductor termination/removal



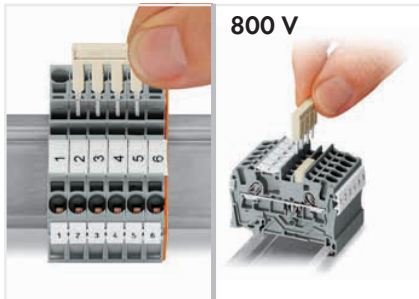
Push-in termination: Solid conductors ranging from at least two sizes below to one size above the rated cross-section can be inserted directly – without tools.



Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use a screwdriver.

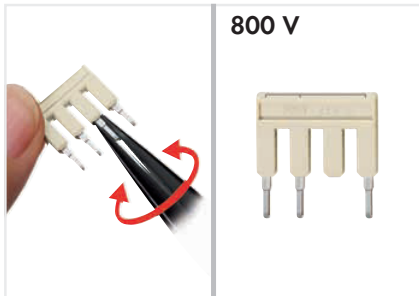
Conductor removal is performed with a screwdriver, just like CAGE CLAMP®.

Commoning



Twin integrated, spring-loaded jumper system allows use of comb-style jumper bars, test plugs and connectors. Jumper bars rated at 800 V (ex works)

Commoning

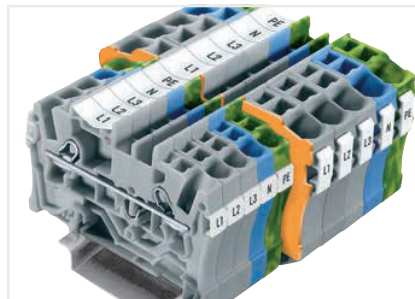


Jumper contacts that are not required can be broken off and removed, the upper-side of the jumper can then be marked accordingly. Applies to 2001, 2002 and 2004 Series.

Marking

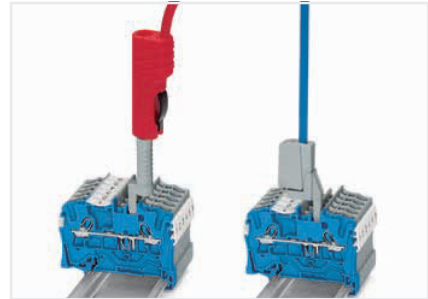


Both WAGO "smartDESIGNER" Software and Thermal Transfer Printer generate the marking.

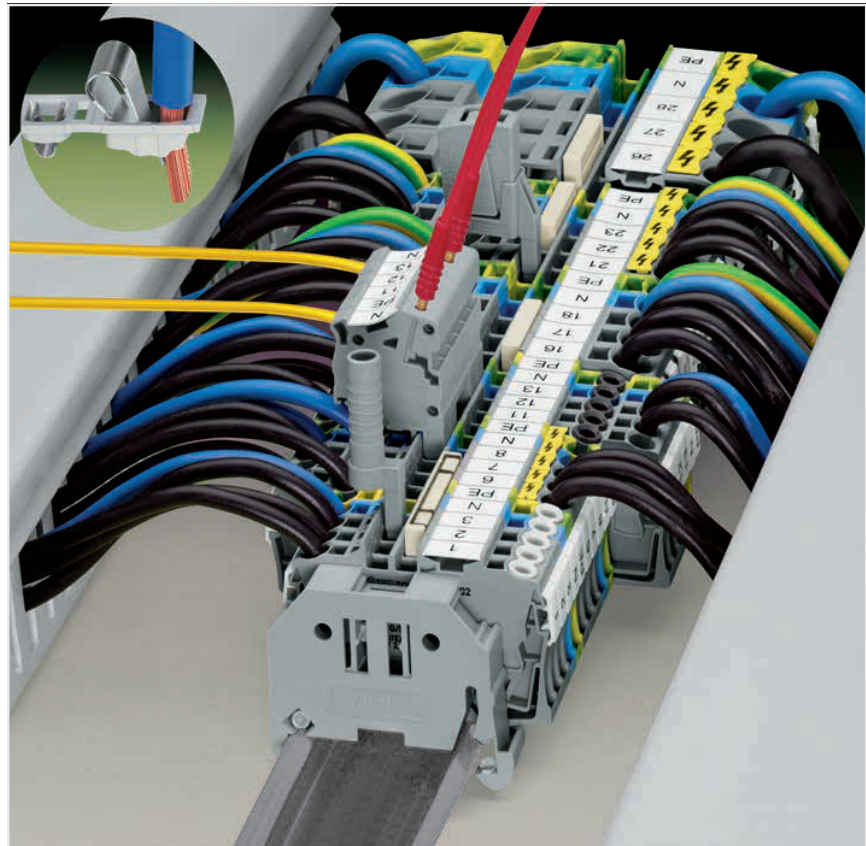


TOPJOB® S offers three marking positions for WMB or miniature WSB markers, as well as centered full-length marking strips.

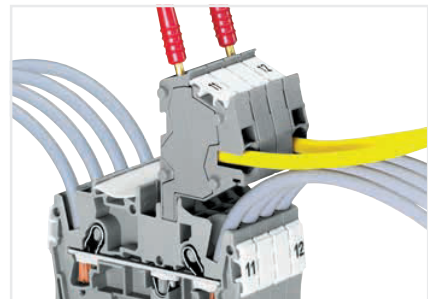
Testing



Testing TOPJOB® S Rail-Mounted Terminal Blocks via Test Plug Adapter or Testing Tap



Pre-assembled connectors



Pre-assembled connectors with Push-in CAGE CLAMP® connection provide an additional connection option.

TOPJOB® S

Rail-Mounted Terminal Blocks 1.0 (1.5) mm²

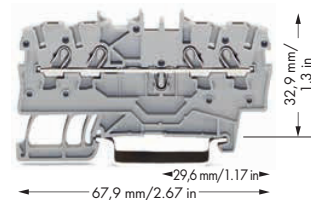
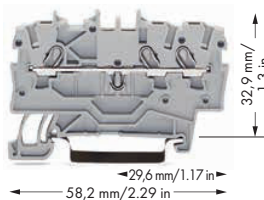
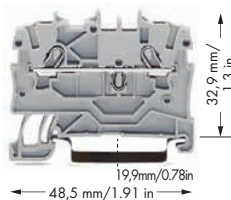
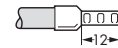
2000 Series

PUSH-IN CAGE CLAMP®

1

0.14 ... 1.0 (1.5) mm ² ① 800 V/6 kV/3 I _N 13.5 A (18 A) Terminal block width: 3.5 mm / 0.138 in. 9 ... 11 mm / 0.39 in.	24 ... 16 AWG 600 V, 10 A ② 600 V, 10 A ②	0.14 ... 1.0 (1.5) mm ² ① 800 V/6 kV/3 I _N 13.5 A (18 A) Terminal block width: 3.5 mm / 0.138 in. 9 ... 11 mm / 0.39 in.	24 ... 16 AWG 600 V, 10 A ② 600 V, 10 A ②	0.14 ... 1.0 (1.5) mm ² ① 800 V/6 kV/3 I _N 13.5 A (18 A) Terminal block width: 3.5 mm / 0.138 in. 9 ... 11 mm / 0.39 in.	24 ... 16 AWG 600 V, 10 A ② 600 V, 10 A ②
② Approvals		② Approvals		② Approvals	

① Conductor range: 0.14 ... 1.5 mm² "s+fst"
Push-in termination: 0.5 ... 1.5 mm² "s" and 0.5 ... 1 mm² "insulated ferrule, 12 mm"



Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
2-conductor through terminal block			3-conductor through terminal block			4-conductor through terminal block		
gray ②	2000-1201	100	gray ②	2000-1301	100	gray ②	2000-1401	100
blue ②	2000-1204 ③	100	blue ②	2000-1304 ③	100	blue ②	2000-1404 ③	100
orange ②	2000-1202	100	orange ②	2000-1302	100	orange ②	2000-1402	100
red ②	2000-1203	100	red ②	2000-1303	100	red ②	2000-1403	100
black ②	2000-1205	100	black ②	2000-1305	100	black ②	2000-1405	100
yellow ②	2000-1206	100	yellow ②	2000-1306	100	yellow ②	2000-1406	100
2-conductor ground terminal block			3-conductor ground terminal block			4-conductor ground terminal block		
green-yellow ②	2000-1207	100	green-yellow ②	2000-1307	100	green-yellow ②	2000-1407	100
						Double potential terminal block		
						gray	2000-2141	50

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		
	2000-1292	100 (4x25)		2000-1392	100 (4x25)		2000-1492	100 (4x25)
	2000-1291	100 (4x25)		2000-1391	100 (4x25)		2000-1491	100 (4x25)

Accessories, 2000 Series

Appropriate marking systems: WMB/Marking Strips/WMB Inline

Push-in type jumper bar, insulated, I _N 14 A, light gray 2-way 2000-402 200 (8x25) 3-way 2000-403 200 (8x25) 4-way 2000-404 200 (8x25) : 10-way 2000-410 100 (4x25) .../000-005 .../000-006			Push-in type jumper bar, insulated, I _N 14 A, light gray 1 to 3 2000-433 200 (8x25) 1 to 4 2000-434 200 (8x25) 1 to 5 2000-435 100 (4x25) : 1 to 10 2000-440 100 (4x25)			Star point jumper, insulated, I _N = I _N terminal block, light gray 1-3-5 2000-405/011-000 100 (4x25)		
Protective warning marker, with high-voltage symbol, for 5 terminal blocks 2000-115 100 (4x25)			WMB Multi marking system, plain, 10 strips with 10 markers per card for 3.5 mm terminal block width, white 793-3501 5			Delta jumper, insulated, I _N = I _N terminal block, light gray 1-2 3-4 5-6 2000-406/020-000 100 (4x25)		
Operating tool with a partially insulated shaft, type 1, (2.5 x 0.4) mm blade 210-719 1			WMB Inline, plain, 3.5 mm, 2,300 WMB markers per roll 2009-113 1			Marking strips, plain 11 mm wide, 50 m roll 2009-110 1		
Insulated ferrules, extra long, for TOPJOB® S terminal blocks, see page 259			Testing tap, for max. 2.5 mm² 2009-182 100 (4x25)			Test plug adapter, for 4 mm Ø test plug 2009-174 100 (4x25)		

② For all approvals and corresponding ratings, visit www.wago.com.

For technical information and abbreviations, see technical section.

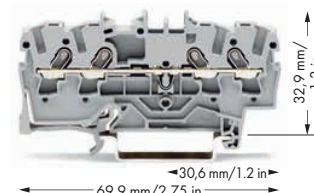
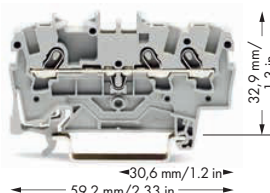
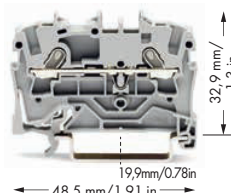
TOPJOB® S

Through/Ground/Shield Conductor and Ex Terminal Blocks 1.5 (2.5) mm²

2001 Series

0.25 ... 1.5 (2.5) mm ² ① 800 V/8 kV/3 I _N 18 A (24 A)	22 ... 14 AWG 600 V, 10 A ② 600 V, 10 A ③	0.25 ... 1.5 (2.5) mm ² ① 800 V/8 kV/3 I _N 18 A (24 A)	22 ... 14 AWG 600 V, 10 A ② 600 V, 10 A ③	0.25 ... 1.5 (2.5) mm ² ① 800 V/8 kV/3 I _N 18 A (24 A)	22 ... 14 AWG 600 V, 10 A ② 600 V, 10 A ③
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.	
② Approvals		② Approvals		② Approvals	

- ① Conductor range: 0.25 ... 2.5 mm² "s+f-st"
Push-in termination: 0.5 ... 2.5 mm² "s" and 0.75 ... 1.5 mm² "insulated ferrule, 12 mm"



Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
2-conductor through terminal block			3-conductor through terminal block			4-conductor through terminal block		
gray ②	2001-1201	100	gray ②	2001-1301	100	gray ②	2001-1401	100
blue ②	2001-1204 ③	100	blue ②	2001-1304 ③	100	blue ②	2001-1404 ③	100
orange ②	2001-1202	100	orange ②	2001-1302	100	orange ②	2001-1402	100
red ②	2001-1203	100	red ②	2001-1303	100	red ②	2001-1403	100
black ②	2001-1205	100	black ②	2001-1305	100	black ②	2001-1405	100
yellow ②	2001-1206	100	yellow ②	2001-1306	100	yellow ②	2001-1406	100
2-conductor ground terminal block			3-conductor ground terminal block			4-conductor ground terminal block		
green-yellow ②	2001-1207	100	green-yellow ②	2001-1307	100	green-yellow ②	2001-1407	100
Other terminal blocks with the same profile:			Other terminal blocks with the same profile:			Other terminal blocks with the same profile:		
Diode ②	2001-1211/1000-411 ④		Diode ②	2001-1311/1000-411 ④		Diode ②	2001-1411/1000-411 ④	
			LED ②	2001-1321/1000-434 ④		Diode ②	2001-1411/1000-434 ④	
						Double-potential ②	2001-1441 ④	

Item-Specific Accessories

Separator for Ex e/Ex i applications, see page 30

End and intermediate plate, 0.8 mm thick	End and intermediate plate, 0.8 mm thick	End and intermediate plate, 0.8 mm thick
2002-1292 100 (4x25) 2002-1291 100 (4x25)	2002-1392 100 (4x25) 2002-1391 100 (4x25)	2002-1492 100 (4x25) 2002-1491 100 (4x25)
Separator, oversized, 0.8 mm thick	Separator, oversized, 0.8 mm thick	Separator, oversized, 0.8 mm thick
2002-1294 100 (4x25) 2002-1293 100 (4x25)	2002-1394 100 (4x25) 2002-1393 100 (4x25)	2002-1494 100 (4x25) 2002-1493 100 (4x25)

Accessories, 2001 Series

Appropriate marking systems: WMB/Marking Strips

Push-in type jumper bar, insulated, I _N 18 A, light gray	Push-in type jumper bar, insulated, I _N 18 A, light gray	Push-in type wire jumper, insulated, I _N 16 A, 1.5 mm ² conductor size
2-way 2001-402 200 (8x25) 3-way 2001-403 200 (8x25) 4-way 2001-404 200 (8x25) : : 10-way 2001-410 100 (4x25)	1 to 3 2001-433 200 (8x25) 1 to 4 2001-434 200 (8x25) 1 to 5 2001-435 100 (4x25) : : 1 to 10 2001-440 100 (4x25)	60 mm 2009-412 100 (10x10) 110 mm 2009-414 100 (10x10) 250 mm 2009-416 100 (10x10)
Insulation stop, 5 pcs/strip	Protective warning marker, with high-voltage symbol, for 5 terminal blocks	Star point jumper, insulated, I _N = I _N terminal block, light gray 1-3-5 2001-405/011-000 100 (4x25)
2001-171 0.25-0.5 mm ² 200 (8x25)	2001-115 100 (4x25)	
WMB Multi marking system, plain, 10 strips with 10 markers per card, stretchable from 4 ... 4.2 mm	Operating tool with a partially insulated shaft, type 1, (2.5 x 0.4) mm blade	Modular TOPJOB® S connector, can be snapped together, I _N 18 A, for jumper contact slot
793-4501 5	210-719 1	2001-511 100 (4x25)
Marking strip, plain, 11 mm wide, 50 m roll	③ Suitable for Ex i applications ② Suitable for Ex e II applications 550 V, 17 A	Spacer module, can be snapped together 2001-549 100 (4x25)
2009-110 1		Insulated ferrules, extra long, for TOPJOB® S terminal blocks, see page 259

② For all approvals and corresponding ratings, visit www.wago.com.

For technical information and abbreviations, see technical section.

④ See Full Line Catalog or visit www.wago.com.

TOPJOB® S

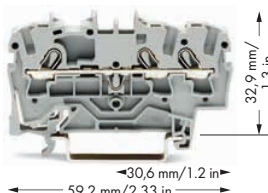
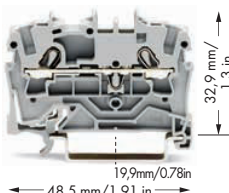
PUSH-IN CAGE CLAMP®

Through/Ground/Shield Conductor and Ex Terminal Blocks 2.5 (4) mm²

2002 Series

0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 I _N 24 A (32 A)	22 ... 12 AWG 600 V, 20 A ② 600 V, 20 A ②	0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 I _N 24 A (32 A)	22 ... 12 AWG 600 V, 20 A ② 600 V, 20 A ②	0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 I _N 24 A (32 A)	22 ... 12 AWG 600 V, 20 A ② 600 V, 20 A ②
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.	
② Approvals		② Approvals		② Approvals	

① Conductor range: 0.25 ... 4 mm² "st-fst"
Push-in termination: 0.75 ... 4 mm² "s" and
0.75 ... 2.5 mm² "insulated ferrule, 12 mm"



Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
2-conductor through terminal block			3-conductor through terminal block			4-conductor through terminal block		
gray ②	2002-1201	100	gray ②	2002-1301	100	gray ②	2002-1401	100
blue ②	2002-1204 ③	100	blue ②	2002-1304 ③	100	blue ②	2002-1404 ③	100
orange ②	2002-1202	100	orange ②	2002-1302	100	orange ②	2002-1402	100
red ②	2002-1203	100	red ②	2002-1303	100	red ②	2002-1403	100
black ②	2002-1205	100	black ②	2002-1305	100	black ②	2002-1405	100
yellow ②	2002-1206	100	yellow ②	2002-1306	100	yellow ②	2002-1406	100
2-conductor ground terminal block			3-conductor ground terminal block			4-conductor ground terminal block		
green-yellow ②	2002-1207	100	green-yellow ②	2002-1307	100	green-yellow ②	2002-1407	100
2-cond. shield conductor terminal block			3-cond. shield conductor terminal block			4-cond. shield conductor terminal block		
white ②	2002-1208	100	white ②	2002-1308	100	white ②	2002-1408	100
Other terminal blocks with the same profile:			Other terminal blocks with the same profile:			Other terminal blocks with the same profile:		
Diode ②	2002-1211/1000-411	Page 60	Diode ②	2002-1311/1000-411	Page 60	Diode ②	2002-1411/1000-411	Page 60
			LED ②	2002-1321/1000-434	Page 60	Diode ②	2002-1411/1000-434	Page 60
						Double-potential ②	2002-1441 ④	

Item-Specific Accessories

Separator for Ex e/Ex i applications, see page 30

End and intermediate plate, 0.8 mm thick		End and intermediate plate, 0.8 mm thick		End and intermediate plate, 0.8 mm thick	
	2002-1292 100 (4x25)		2002-1392 100 (4x25)		2002-1492 100 (4x25)
	2002-1291 100 (4x25)		2002-1391 100 (4x25)		2002-1491 100 (4x25)
Separator, oversized, 0.8 mm thick		Separator, oversized, 0.8 mm thick		Separator, oversized, 0.8 mm thick	
	2002-1294 100 (4x25)		2002-1394 100 (4x25)		2002-1494 100 (4x25)
	2002-1293 100 (4x25)		2002-1393 100 (4x25)		2002-1493 100 (4x25)

Accessories, 2002 Series

Appropriate marking systems: WMB/Marking Strips/WMB Inline/Miniature WSB

Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray		Push-in type jumper bar, insulated, I _N 25 A, light gray		Staggered jumper, insulated, I _N 25 A, light gray	
2-way 2002-400 100 (4x25)		1 to 3 2002-433 200 (8x25)		2-way 2002-472 100 (4x25)	
1 to 3 2002-423 100 (4x25)		1 to 10 2002-440 100 (4x25)		3-way 2002-473 100 (4x25)	
Push-in type jumper bar, insulated, I _N 25 A, light gray		Insulation stop, 5 pcs/strip		12-way 2002-482 50 (2x25)	
2-way 2002-402 200 (8x25)		2002-171 0.25-0.5 mm ²		Star point jumper, insulated, I _N = I _N terminal block, light gray	
3-way 2002-403 200 (8x25)		2002-172 0.75-1 mm ²		1-3-5 2002-405/011-000	
4-way 2002-404 200 (8x25)		200 (8x25)		100 (4x25)	
10-way 2002-410 100 (4x25)		Protective warning marker, with high-voltage symbol, for 5 terminal blocks		Modular TOPJOB® S L-test plug, can be snapped together, I _N 18 A, for conductor entry	
.../000-005	.../000-006	2002-115 100 (4x25)		2002-611 100 (4x25)	
Push-in type wire jumper, insulated, I _N 16 A, 1.5 mm ² conductor size		Marking strip, plain, 11 mm wide, 50 m roll		Spacer module, can be snapped together	
60 mm 2009-412 100 (10x10)		2009-110 1		2002-649 100 (4x25)	
110 mm 2009-414 100 (10x10)		Operating tool with a partially insulated shaft, type 2, (3.5 x 0.5) mm blade		210-720 1	
250 mm 2009-416 100 (10x10)		③ Suitable for Ex i applications			
WMB Multi marking system, plain, 10 strips with 10 markers per card, stretchable from 5 ... 5.2 mm		④ Suitable for Ex e II applications 550 V, 22 A			
793-5501 5					

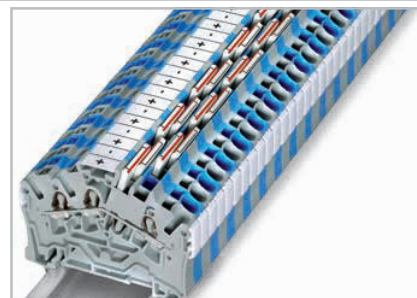
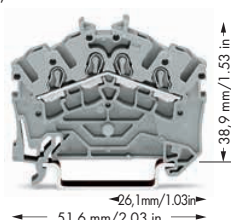
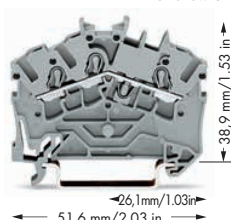
TOPJOB® S

Through/Ground/Shield Conductor and Ex Terminal Blocks 2.5 (4) mm²

2002 Series

0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 I _N 24 A (32 A) Terminal block width: 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.	22 ... 12 AWG 600 V, 20 A ② 600 V, 20 A ②	0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 I _N 24 A (32 A) Terminal block width: 5.2 mm / 0.205 in. 10 ... 12 mm / 0.43 in.	22 ... 12 AWG 600 V, 20 A ② 600 V, 20 A ②
② Approvals		② Approvals	

① Conductor range: 0.25 ... 4 mm² "s+t+s"
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm² "insulated ferrule, 12 mm"



Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
3-conductor through terminal block			4-conductor through terminal block		
gray ③	2002-6301	100	gray ③	2002-6401	100
blue ③	2002-6304 ③	100	blue ③	2002-6404 ③	100
orange ③	2002-6302	100	orange ③	2002-6402	100
Additional colors will be available soon.			Additional colors will be available soon.		
3-conductor ground terminal block			4-conductor ground terminal block		
green-yellow ③	2002-6307	100	green-yellow ③	2002-6407	100
3-cond. shield conductor terminal block			Notice: These terminal blocks cannot be com-		
white	2002-6308	100	moned.		

Item-Specific Accessories

End and intermediate plate, 0.8 mm thick			End and intermediate plate, 0.8 mm thick		
orange ③	2002-6392	100 (4x25)	orange ③	2002-6392	100 (4x25)
gray ③	2002-6391	100 (4x25)	gray ③	2002-6391	100 (4x25)

Accessories, 2002 Series

Appropriate marking systems:

WMB/Marking Strips/WMB Inline/Miniature WSB

Adjacent jumper for continuous commoning,		Insulation stop, 5 pcs/strip	
insulated, I _N 25 A, light gray			
2-way 2002-400	100 (4x25)	2002-171	0.25-0.5 mm ²
1 to 3 2002-423	100 (4x25)	2002-172	0.75-1 mm ²
			200 (8x25)
Push-in type jumper bar, insulated,		Protective warning marker, with high-voltage symbol,	
I _N 25 A, light gray		for 5 terminal blocks	
2-way 2002-402	200 (8x25)	2002-115	100 (4x25)
:	:		
10-way 2002-410	100 (4x25)	Test plug adapter, for 4 mm Ø test plug	
.../000-005	...	2009-174	100 (4x25)
.../000-006	...	Testing tap, for max. 2.5 mm ²	
Push-in type jumper bar, insulated, I_N 25 A, light gray		2009-182	100 (4x25)
1 ... 3 2002-433	200 (8x25)	Banana plugs, only for safety extra-low voltage (42 V)	
:	:	215-212	50
1 ... 10 2002-440	100 (4x25)	215-311	50
Staggered jumper, insulated,		For additional colors, see page 262.	
I _N 25 A, light gray		Insulated ferrules, extra long,	
2-way 2002-472	100 (4x25)	for TOPJOB® S terminal blocks	
3-way 2002-473	100 (4x25)	(see page 259)	
4-way 2002-474	100 (4x25)	Operating tool,	
5-way 2002-475	50 (2x25)	3.5 mm and 2.5 mm blades	
:	:	2009-309	1
12-way 2002-482	50 (2x25)	Modular TOPJOB® S connector, can be snapped	
together,		together,	
I _N 24 A, for jumper contact slot		2002-511	
2002-511	100 (4x25)	Spacer module, can be snapped together	
2002-549		2002-549	
100 (4x25)		Operating tool with a partially insulated shaft,	
type 2, (3.5 x 0.5) mm blade		210-720	
1		③ Suitable for Ex i applications	
		③ Suitable for Ex e II applications	
		550 V, 22 A	

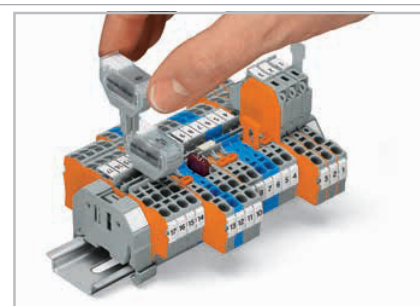
3- and 4-conductor terminal blocks

WAGO's TOPJOB® S Rail-Mounted Terminal Blocks have a 35-degree conductor entry angle permitting a very small bend radius and an extremely short wiring distance to the cable duct. Space- and cost-saving solutions for switchgear and control cabinet applications that use the LSC wiring system from Lütze. The design allows cable duct to be placed very close to the terminal blocks, keeping its height relatively low.

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

Through Terminal Block Accessories, 2001 ... 2006 Series

Diode module,	
I _N 1 A, 10.4 mm wide, gray	
2002-880/1000-411	50
LED module, with red LED,	
I _N ≤ 3 mA, 10.4 mm wide, gray	
12 ... 30 V 2002-880/1000-541	50
LED module, with red LED,	
I _N ≤ 3 mA, 10.4 mm wide, gray	
30 ... 65 V 2002-880/1000-542	50
LED module, with red LED,	
I _N ≤ 3 mA, 10.4 mm wide, gray	
230 V 2002-880/1000-836	50



Plugging a diode module into a through terminal block.

For empty component plug housings, see page 236.

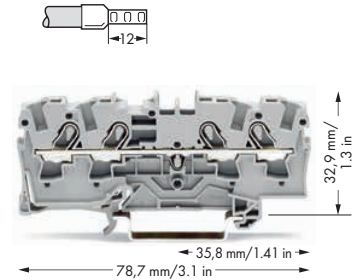
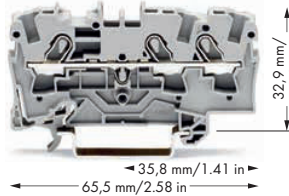
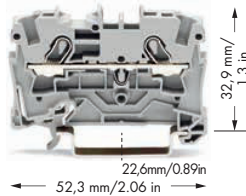
② For all approvals and corresponding ratings, visit www.wago.com.

For technical information and abbreviations, see "Technical Section."

TOPJOB® S**PUSH-IN CAGE CLAMP®****Through/Ground/Shield Conductor and Ex Terminal Blocks 4 (6) mm²****2004 Series**

0.5 ... 4 (6) mm ² ① 800 V/8 kV/3 I _N 32 A (41 A) Terminal block width: 6.2 mm / 0.244 in. 11 ... 13 mm / 0.47 in. ② Approvals	20 ... 10 AWG 600 V, 30 A ② 600 V, 30 A ②	0.5 ... 4 (6) mm ² ① 800 V/8 kV/3 I _N 32 A (41 A) Terminal block width: 6.2 mm / 0.244 in. 11 ... 13 mm / 0.47 in. ② Approvals	20 ... 10 AWG 600 V, 30 A ② 600 V, 30 A ②	0.5 ... 4 (6) mm ² ① 800 V/8 kV/3 I _N 32 A (41 A) Terminal block width: 6.2 mm / 0.244 in. 11 ... 13 mm / 0.47 in. ② Approvals	20 ... 10 AWG 600 V, 30 A ② 600 V, 30 A ②
---	---	---	---	---	---

① Conductor range: 0.5 ... 6 mm² "st-fst"
Push-in termination: 1 ... 6 mm² "s" and
0.75 ... 4 mm² "insulated ferrule, 12 mm"



Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
2-conductor through terminal block			3-conductor through terminal block			4-conductor through terminal block		
gray ②	2004-1201	100	gray ②	2004-1301	100	gray ②	2004-1401	100
blue ②	2004-1204 ③	100	blue ②	2004-1304 ③	100	blue ②	2004-1404 ③	100
orange ②	2004-1202	100	orange ②	2004-1302	100	orange ②	2004-1402	100
red ②	2004-1203	100	red ②	2004-1303	100	red ②	2004-1403	100
black ②	2004-1205	100	black ②	2004-1305	100	black ②	2004-1405	100
yellow ②	2004-1206	100	yellow ②	2004-1306	100	yellow ②	2004-1406	100
2-conductor ground terminal block			3-conductor ground terminal block			4-conductor ground terminal block		
green-yellow ②	2004-1207	100	green-yellow ②	2004-1307	100	green-yellow ②	2004-1407	100
						4-cond. shield conductor terminal block		
						white	2004-1408	100

Item-Specific Accessories**Separator for Ex e/Ex i applications, see page 30**

End and intermediate plate, 1 mm thick	End and intermediate plate, 1 mm thick	End and intermediate plate, 1 mm thick
 2004-1292 100 (4x25)	 2004-1392 100 (4x25)	 2004-1492 100 (4x25)
 2004-1291 100 (4x25)	 2004-1391 100 (4x25)	 2004-1491 100 (4x25)
Separator, oversized, 0.8 mm thick	Separator, oversized, 0.8 mm thick	Separator, oversized, 0.8 mm thick
 2004-1294 100 (4x25)	 2004-1394 100 (4x25)	 2004-1494 100 (4x25)
 2004-1293 100 (4x25)	 2004-1393 100 (4x25)	 2004-1493 100 (4x25)

Accessories, 2004 SeriesAppropriate marking systems: **WMB/Marking Strips/WMB Inline/Miniature WSB**

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) : 10-way 2004-410 100 (4x25)	Push-in type jumper bar, insulated, I _N 32 A, light gray 1 to 3 2004-433 200 (8x25) 1 to 4 2004-434 200 (8x25) 1 to 5 2004-435 100 (4x25) : 1 to 10 2004-440 100 (4x25)	Delta jumper, insulated, I _N = I _N terminal block, light gray 1-2 3-4 5-6 2004-406/020-000 100 (4x25) Star point jumper, insulated, I _N = I _N terminal block, light gray 1-3-5 2004-405/011-000 100 (4x25)
Insulation stop, 5 pcs/strip  2004-171 0.25-0.5 mm ² 2004-172 0.75-1 mm ² 200 (8x25)	Protective warning marker, with high-voltage symbol, for 5 terminal blocks  2004-115 100 (4x25)	Step-down jumper, insulated, I _N 32 A, light gray 2006-499 50 (2x25)
WMB Multi marking system, plain, 10 strips with 10 markers per card, stretchable from 5 ... 5.2 mm 793-5501 5	Operating tool with a partially insulated shaft, type 2, (3.5 x 0.5) mm blade 210-720 1	Modular TOPJOB® S connector, can be snapped together, I _N 32 A, for jumper contact slot 2004-511 100 (4x25)
Marking strip, plain, 11 mm wide, 50 m roll 2009-110 1	③ Suitable for Ex i applications ② Suitable for Ex e II applications 550 V, 30 A	Spacer module, can be snapped together 2004-549 100 (4x25)
		Insulated ferrules, extra long, for TOPJOB® S terminal blocks, see page 259

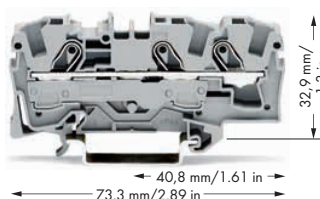
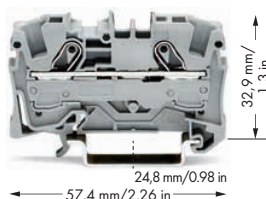
TOPJOB® S

Through/Ground/Shield Conductor and Ex Terminal Blocks 6 (10) mm²

2006 Series

0.5 ... 6 (10) mm² ① 800 V/8 kV/3 I_N 41 A (57 A) Terminal block width: 7.5 mm / 0.295 in.  13 ... 15 mm / 0.55 in.	20 ... 8 AWG 600 V, 50 A  600 V, 50 A 	0.5 ... 6 (10) mm² ① 800 V/8 kV/3 I_N 41 A (57 A) Terminal block width: 7.5 mm / 0.295 in.  13 ... 15 mm / 0.55 in.	20 ... 8 AWG 600 V, 50 A  600 V, 50 A 	Separator for Ex e/Ex i applications
② Approvals		② Approvals		

- ① Conductor range: 0.5 ... 10 mm² "s+f-st"
 Push-in termination: 1.5 ... 10 mm² "s" and
 1.5 ... 6 mm² "insulated ferrule, 12 mm"

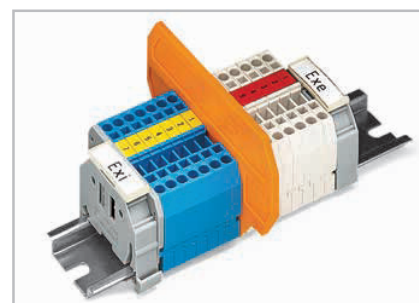


Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
2-conductor through terminal block			3-conductor through terminal block			Separator for Ex e/Ex i applications,		
 gray 	2006-1201	50	 gray 	2006-1301	25	3 mm thick, orange		
 blue 	2006-1204 ③	50	 blue 	2006-1304 ③	25	 90 mm wide 209-190	50 (2x25)	
 orange 	2006-1202	50	 orange 	2006-1302	25	 120 mm wide 209-191	50 (2x25)	
2-conductor ground terminal block			3-conductor ground terminal block					
 green-yellow 	2006-1207	50	 green-yellow 	2006-1307	25			
2-cond. shield conductor terminal block								
 white	2006-1208	50						
Item-Specific Accessories								
End and intermediate plate, 1 mm thick			End and intermediate plate, 1 mm thick					
	 2006-1292	100 (4x25)		 2006-1392	100 (4x25)			
	 2006-1291	100 (4x25)		 2006-1391	100 (4x25)			

Accessories, 2006 Series

Appropriate marking systems: **WMB/Marking Strips/WMB Inline/Miniature WSB**

Push-in type jumper bar, insulated,		Push-in type jumper bar, insulated,	
	I_N 41 A, light gray		I_N 41 A, light gray
2-way	2006-402 50 (2x25)	1 to 3	2006-433 50 (2x25)
3-way	2006-403 50 (2x25)	1 to 4	2006-434 50 (2x25)
4-way	2006-404 50 (2x25)	1 to 5	2006-435 50 (2x25)
5-way	2006-405 50 (2x25)	Step-down jumper, insulated,	
Star point jumper, insulated,			I_N 32 A, light gray
	$I_N = I_N$ terminal block, light gray		2006-499 50 (2x25)
1-3-5	2006-405/011-000	Operating tool,	
	50 (2x25)		3.5 mm and 5.5 mm blades
Protective warning marker, with high-voltage symbol,		Operating tool with a partially insulated shaft,	
	for 5 terminal blocks		type 3, (5.5 x 0.8) mm blade
 2006-115	100 (4x25)		210-721 1
Test plug adapter, for 4 mm Ø test plug		Banana plugs, only for safety extra-low voltage (42 V)	
	 2009-174 100 (4x25)		 215-212 50
	Testing tap, for max. 2.5 mm ²		 215-311 50
 2009-182	100 (4x25)	For additional colors, see page 262.	
Modular TOPJOB® S connector, can be snapped together, I_N 32 A, for jumper contact slot		Marking strip, plain,	
	 2006-511 100 (4x25)		11 mm wide,
Spacer module, can be snapped together			50 m roll
	 2006-549 100 (4x25)	 2009-110	1
Insulated ferrules, extra long,		③ Suitable for Ex i applications	
	for TOPJOB® S terminal blocks, see page 259	④ Suitable for Ex e II applications	
		550 V, 38 A (2-conductor terminal blocks)	
		550 V, 36 A (3-conductor terminal blocks)	



Separator for Ex e/Ex i applications

According to EN 50020, a minimum distance of 50 mm must be kept between live parts of Ex e and Ex i circuits. The use of Ex e/Ex i separators is a space-saving solution when Ex e and Ex i terminal blocks are mounted on a common carrier rail.

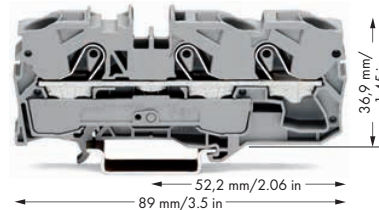
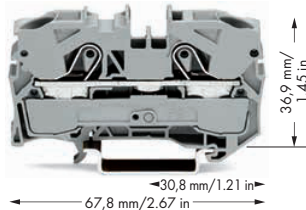
Suitable for Series: 279 to 282,
2001, 2002 and 2004.

209-190 for 2-conductor terminal blocks
209-191 for 2-, 3-, 4-conductor terminal blocks

TOPJOB® S**PUSH-IN CAGE CLAMP®****Through/Ground/Shield Conductor and Ex Terminal Blocks 10 (16) mm²****2010 Series**

0.5 ... 10 (16) mm² ① 800 V/8 kV/3 I _N 57 A (76 A) Terminal block width: 10 mm / 0.394 in.  17 ... 19 mm / 0.71 in. ② Approvals	20 ... 6 AWG 600 V, 65 A  600 V, 65 A 	0.5 ... 10 (16) mm² ① 800 V/8 kV/3 I _N 57 A (76 A) Terminal block width: 10 mm / 0.394 in.  17 ... 19 mm / 0.71 in. ② Approvals	20 ... 6 AWG 600 V, 65 A  600 V, 65 A 	Step-down jumpers
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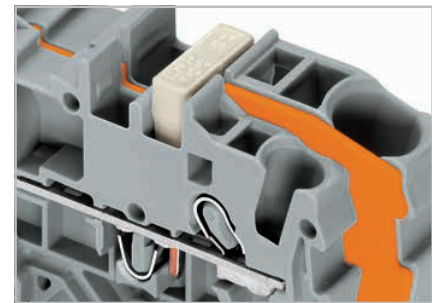
- ① Conductor range: 0.5 ... 16 mm² "s+f-st"
 Push-in termination: 2.5 ... 16 mm² "s" and
 2.5 ... 10 mm² "insulated ferrule, 18 mm"



Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor through terminal block			3-conductor through terminal block			Step-down jumper, insulated,	
 gray 	2010-1201	25	 gray 	2010-1301	25	I _N 32 A, light gray,	50 (2x25)
 blue 	2010-1204 ③	25	 blue 	2010-1304 ③	25	commons 6/4 mm ² down to 4/2.5/1.5 mm ²	
 orange 	2010-1202	25	 orange 	2010-1302	25	2006-499	
2-conductor ground terminal block			3-conductor ground terminal block			Step-down jumper, insulated,	
 green-yellow 	2010-1207	25	 green-yellow 	2010-1307	25	I _N 57 A, light gray,	50 (2x25)
2-cond. shield conductor terminal block						commons 16/10 mm ² down to 10/6/4/2.5 mm ²	
 white	2010-1208	25				2016-499	
Item-Specific Accessories							
End and intermediate plate, 1 mm thick			End and intermediate plate, 1 mm thick				
	 2010-1292 100 (4x25)			 2010-1392 100 (4x25)			
	 2010-1291 100 (4x25)			 2010-1391 100 (4x25)			

Accessories, 2010 SeriesAppropriate marking systems: **WMB/Marking Strips/WMB Inline/Miniature WSB**

Push-in type jumper bar, insulated,		Push-in type jumper bar, insulated,	
	I _N 57 A, light gray		I _N 57 A, light gray
2-way	2010-402 50 (2x25)	1 to 3	2010-433 50 (2x25)
3-way	2010-403 50 (2x25)	1 to 4	2010-434 50 (2x25)
4-way	2010-404 50 (2x25)	1 to 5	2010-435 50 (2x25)
5-way	2010-405 50 (2x25)	Star point jumper, insulated,	
Step-down jumper, insulated,			I _N = I _N terminal block, light gray
	I _N 32 A, light gray	1-3-5	2010-405/011-000 50 (2x25)
	2006-499 50 (2x25)	Finger guard, touch-proof cover protects unused conductor entries	
			 2010-100 100 (4x25)
Protective warning marker, with high-voltage symbol, for 5 terminal blocks		Operating tool with a partially insulated shaft, type 3, (5.5 x 0.8) mm blade	
	 2010-115 50 (2x25)		210-721 1
Test plug adapter, for 4 mm Ø test plug		Banana plugs, only for safety extra-low voltage (42 V)	
	 2009-174 100 (4x25)		 215-212 50
Testing tap, for max. 2.5 mm²			 215-311 50
	 2009-182 100 (4x25)	For additional colors, see page 262.	
Modular TOPJOB® S connector, can be snapped together, I_N 32 A, for jumper contact slot		WMB Multi marking system, plain,	
	 2010-511 100 (4x25)	10 strips with 10 markers per card, stretchable from 5 ... 5.2 mm	
Spacer module, can be snapped together			 793-5501 5
	 2010-549 100 (4x25)		
Insulated ferrules, extra long, for TOPJOB® S terminal blocks, see page 259		③ Suitable for Ex i applications  Suitable for Ex e II applications 550 V, 51 A (2-conductor terminal blocks) 550 V, 50 A (3-conductor terminal blocks)	
			



An end plate must be applied to the open side of the larger terminal block.

Additional terminal blocks having a smaller cross-section may be commoned using push-in type jumper bars.

Note:
The total current flowing shall not exceed the rating of the step-down jumper.

Cross-Section Reduction	Push-In Type Jumper Bar	Step-Down Jumper
16 to 10 mm ²	X	
16 to 6 mm ²	X	
16 to 4 mm ²		X
16 to 2.5 mm ²		X
10 to 6 mm ²	X	
10 to 4 mm ²	X	
10 to 2.5 mm ²		X
6 to 4 mm ²	X	
6 to 2.5 mm ²	X	

TOPJOB® S

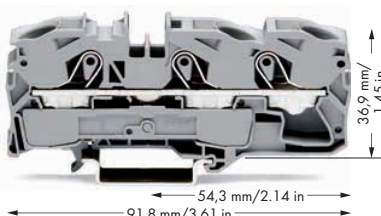
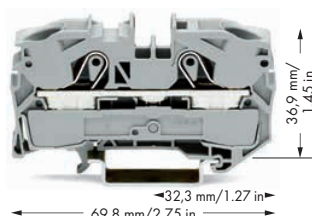
PUSH-IN CAGE CLAMP®

Through/Ground Conductor/Shield and Ex Terminal Blocks 16 (25 "f-st") mm²

2016 Series

0.5 ... 16 (25 "f-st") mm ² ① 800 V/8 kV/3 I _N 76 A (90 A) Terminal block width: 12 mm / 0.472 in. 18 ... 20 mm / 0.75 in.	20 ... 4 AWG 600 V, 85 A ② 600 V, 85 A ②	0.5 ... 16 (25 "f-st") mm ² ① 800 V/8 kV/3 I _N 76 A (90 A) Terminal block width: 12 mm / 0.472 in. 18 ... 20 mm / 0.75 in.	20 ... 4 AWG 600 V, 85 A ② 600 V, 85 A ②	Step-down jumpers
② Approvals		② Approvals		

- ① Conductor range: 0.5 ... 16 mm² "s+f-st" and 25 mm² "f-st"
Push-in termination: 2.5 ... 16 mm² "s" and 2.5 ... 16 mm² "insulated ferrule, 18 mm"

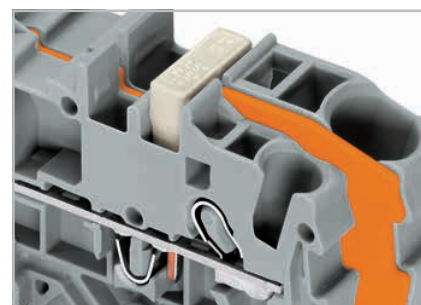


Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor through terminal block			3-conductor through terminal block			Step-down jumper, insulated,	
gray ②	2016-1201	20	gray ②	2016-1301	20	I _N 32 A, light gray,	
blue ②	2016-1204 ③	20	blue ②	2016-1304 ③	20	commons 6/4 mm ² down to 4/2.5/1.5 mm ²	
orange ②	2016-1202	20	orange ②	2016-1302	20	2006-499	50 (2x25)
2-conductor ground terminal block			3-conductor ground terminal block			Step-down jumper, insulated,	
green-yellow ②	2016-1207	20	green-yellow ②	2016-1307	20	I _N 57 A, light gray,	
2-cond. shield conductor terminal block						commons 16/10 mm ² down to 10/6/4/2.5 mm ²	
white	2016-1208	20				2016-499	50 (2x25)
Item-Specific Accessories							
End and intermediate plate, 1 mm thick			End and intermediate plate, 1 mm thick				
orange ②	2016-1292	100 (4x25)	orange ②	2016-1392	100 (4x25)		
gray ②	2016-1291	100 (4x25)	gray ②	2016-1391	100 (4x25)		

Accessories, 2016 Series

Appropriate marking systems: WMB/Marking Strips/WMB Inline/Miniature WSB

Push-in type jumper bar, insulated,			Push-in type jumper bar, insulated,		
I _N 76 A, light gray			I _N 76 A, light gray		
2-way 2016-402	50 (2x25)		1 to 3 2016-433	50 (2x25)	
3-way 2016-403	50 (2x25)		1 to 4 2016-434	50 (2x25)	
4-way 2016-404	50 (2x25)		1 to 5 2016-435	50 (2x25)	
5-way 2016-405	50 (2x25)				
Star point jumper, insulated,			Finger guard, touch-proof cover protects unused		
I _N = I _N terminal block, light gray			conductor entries		
1-3-5 2016-405/011-000	50 (2x25)		yellow ② 2016-100	100 (4x25)	
Protective warning marker, with high-voltage symbol,			Operating tool,		
for 5 terminal blocks			3.5 mm and 5.5 mm blades		
yellow ② 2016-115	50 (2x25)		2009-310	1	
Test plug adapter, for 4 mm Ø test plug			Operating tool with a partially insulated shaft,		
gray ② 2009-174	100 (4x25)		type 3, (5.5 x 0.8) mm blade		
Testing tap, for max. 2.5 mm ²			210-721	1	
gray ② 2009-182	100 (4x25)		Banana plugs, only for safety extra-low voltage (42 V)		
Modular TOPJOB® S connector, can be snapped			red ② 215-212	50	
together, I _N 32 A, for jumper			black ② 215-311	50	
contact slot			For additional colors, see page 262.		
gray ② 2016-511	100 (4x25)		Marking strip, plain,		
Spacer module, can be snapped together			11 mm wide,		
gray ② 2016-549	100 (4x25)		50 m roll		
Insulated ferrules, extra long,			white ② 2009-110	1	
for TOPJOB® S terminal blocks,			③ Suitable for Ex i applications		
see page 259			② Suitable for Ex e II applications		
			550 V, 70 A (2-conductor terminal blocks)		
			550 V, 67 A (3-conductor terminal blocks)		



An end plate must be applied to the open side of the larger terminal block.

Additional terminal blocks having a smaller cross-section may be commoned using push-in type jumper bars.

Note:

The total current flowing shall not exceed the rating of the step-down jumper.

Cross-Section Reduction	Push-In Type Jumper Bar	Step-Down Jumper
16 to 10 mm ²	X	
16 to 6 mm ²	X	
16 to 4 mm ²		X
16 to 2.5 mm ²		X
10 to 6 mm ²	X	
10 to 4 mm ²	X	
10 to 2.5 mm ²		X
6 to 4 mm ²	X	
6 to 2.5 mm ²	X	

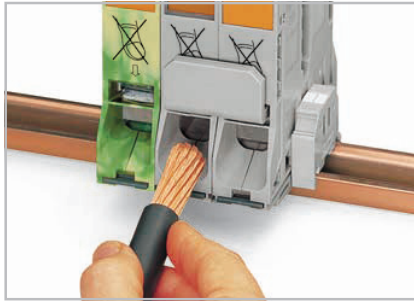
High-Current Terminal Blocks, 285 Series – Description and Installation –

POWER CAGE CLAMP

Conductor termination



Rotate the T-wrench or screwdriver counter-clockwise to the stop ①. Next, push in the orange locking tab. The clamp is locked open for hands-free wiring.



Insert stripped conductor into the clamping unit until it hits backstop. Hold this position.



A short counter-clockwise rotation ② releases the tab. When unlocked, the T-wrench rotates clockwise, securely clamping the conductor.

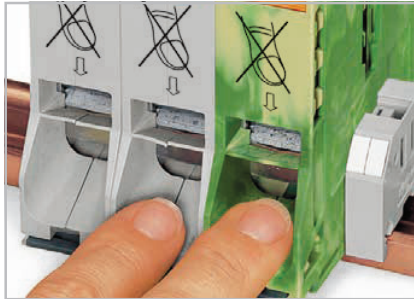
1

Conductor preparation

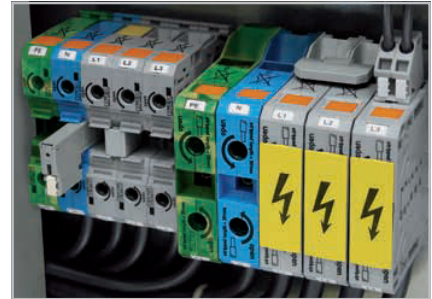


1. Bend conductor, if required
2. Cut conductor to length (Conductor end must be straight!)
3. Strip conductor (Observe strip length printed on terminal block!)

Safety notes



Risk of injury!
Keep fingers out of the conductor entry hole!



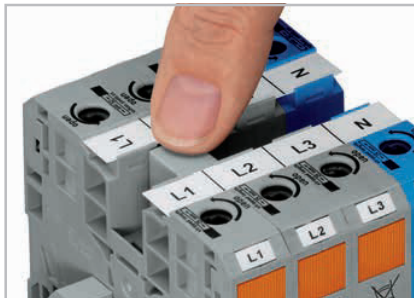
Warning covers visually indicate high-voltage applications (e.g., NOTICE: Power is still on even after switching off the main switch!)

Finger guard



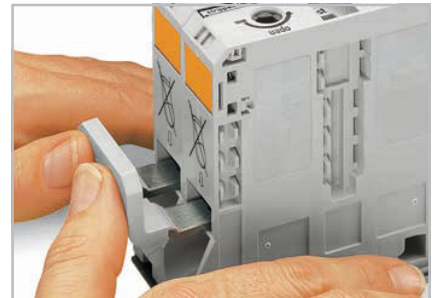
Touch-proof cover protects unused conductor entries and jumper slots (separate jumper entry protector from touch-proof cover).

Commoning (35 mm²)



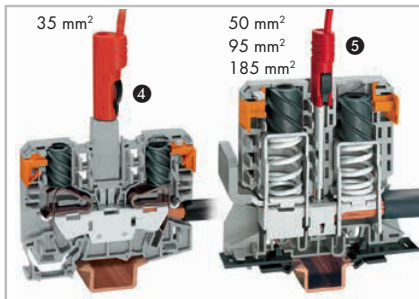
Commoning adjacent terminal blocks using a centrally positioned push-in jumper.
Use an operating tool to remove the conductor!

Commoning (50 mm²/95 mm²/185 mm²)



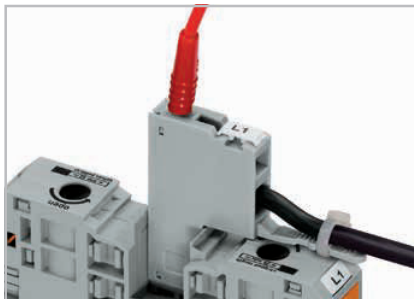
Commoning with adjacent jumper: tool-free insertion of jumper above the conductor entry. The nominal cross-section remains unchanged.

Testing



- ④ via test adapter for 4 mm Ø plugs
- ⑤ via touch-proof 4 mm Ø plugs

Power tap (35 mm²)



The power tap is inserted into the jumper contact slot. It can be fitted with a strain relief plate and provides a test option for 2 mm Ø test plugs.

Power tap (50 mm²/95 mm²/185 mm²)



Reliably and easily tap directly into the power supply. Insert the unwired tap before opening the clamping unit.

For information on POWER CAGE CLAMP connection, see page 15.

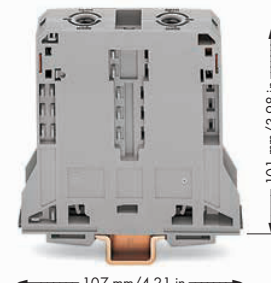
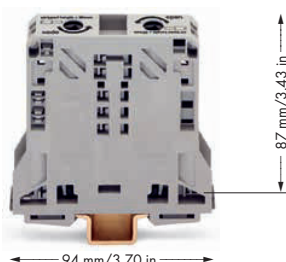
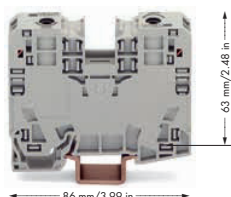
For aluminum conductors, see notes in Full Line Catalog.

High-Current, Through/Ground Conductor and Ex Terminal Blocks

35 mm², 50 mm² and 95 mm²

285 Series

6 ... 35 mm² 1000 V/8 kV/3 I_N 125 A Terminal block width: 16 mm / 0.63 in.  25 mm / 0.98 in. ② Approvals	8 ... 2 AWG 600 V, 115 A  600 V, 115 A 	10 ... 50 (70 "f-st") mm² 1000 V/8 kV/3 I_N 150 A Terminal block width: 20 mm / 0.787 in.  30 mm / 1.18 in. ② Approvals	8 ... 1 AWG 600 V, 150 A  600 V, 150 A 	25 ... 95 mm² 1000 V/8 kV/3 I_N 232 A Terminal block width: 25 mm / 0.98 in.  35 mm / 1.38 in. ② Approvals	4 ... 4/0 AWG 600 V, 200 A  600 V, 210 A 
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Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
2-conductor through terminal block			2-conductor through terminal block			2-conductor through terminal block		
gray	285-135	15	gray	285-150	5	gray	285-195	5
blue	285-134	15	blue	285-154	5	blue	285-194	5
						light gray 	285-995	5
2-cond. ground conductor terminal block, only for DIN 35 x 15 rails; 2.3 mm thick, copper			2-cond. ground conductor terminal block, only for DIN 35 x 15 rails; 2.3 mm thick, copper			2-cond. ground conductor terminal block, only for DIN 35 x 15 rails; 2.3 mm thick, copper		
green-yellow	285-137	15	green-yellow	285-157	5	green-yellow	285-197	5
						green-yellow 	285-197/999-950	5

Accessories, 285 Series

Appropriate marking system: **WMB/WMB Inline**

Adjacent jumper, insulated,  I _N 85 A, gray 285-435 50 (2x25)	Adjacent jumper, insulated, ③  I _N 150 A for 1 jumper I _N 130 A for 2 to 4 jumpers 285-450 25	Adjacent jumper, insulated, ③  I _N 232 A for 1 jumper I _N 130 A for 2 to 4 jumpers 285-495 25
Power tap, I_N 32 A, 0.2 ... 6 mm²,  8 mm/0.315 in. wide 285-427 5	Power tap, I_N 41 A, 0.2 ... 6 mm², ③  16 mm/0.63 in. wide 285-447 5	Power tap, I_N 57 A, 0.2 ... 10/16 mm², ③  20 mm/0.787 in. wide 285-407 5
Operating tool with a partially insulated shaft,  type 3, (5.5 x 0.8) mm blade 210-721 1	Allen wrench with a partially insulated shaft  8 mm 285-172 1	Allen wrench with a partially insulated shaft  8 mm 285-172 1
Protective warning marker,  with high-voltage symbol, black 285-420 50 (2x25)	Protective warning marker,  with high-voltage symbol, black 285-440 50 (2x25)	Protective warning marker,  with high-voltage symbol, black 285-170 50 (2x25)
Finger guard, touch-proof cover protects unused conductor entries  285-421 100 (4x25)	Finger guard, touch-proof cover protects unused conductor entries and jumper slots  285-441 100 (4x25)	Finger guard, touch-proof cover protects unused conductor entries and jumper slots  285-169 25
Test plug, 4 mm Ø, protected against accidental contact  (e.g., available through Multi-Contact Deutschland GmbH Postfach 1606, 79551 Weil am Rhein, Hegenheimerstraße 19 79576 Weil am Rhein)	Test plug, 4 mm Ø, protected against accidental contact  (e.g., available through Multi-Contact Deutschland GmbH Postfach 1606, 79551 Weil am Rhein, Hegenheimerstraße 19 79576 Weil am Rhein)	Test plug, 4 mm Ø, protected against accidental contact  (e.g., available through Multi-Contact Deutschland GmbH Postfach 1606, 79551 Weil am Rhein, Hegenheimerstraße 19 79576 Weil am Rhein)
Steel carrier rail, per EN 60715,  35 x 15 mm, 1.5 mm thick, 2 m long, unslotted 210-114 10	Copper carrier rail, per EN 60715,  35 x 15 mm, 2.3 mm thick, 2 m long unslotted 210-198 10	Copper carrier rail, per EN 60715,  35 x 15 mm, 2.3 mm thick, 2 m long unslotted 210-198 10
Marking strip, plain,  11 mm wide, 50 m roll 2009-110 1	WMB Multi marking system, plain,  10 strips with 10 markers per card, stretchable from 5 ... 5.2 mm 793-5501 5	
Test plug adapter, 11.6 mm wide, for 4 mm Ø test plug  283-404 25		 Suitable for Ex e II applications 25 ... 95 mm ² 4 ... 4/0 AWG 750 V, 195 A 35 ... 70 mm ² 2 ... 2/0 AWG for ground conductor terminal blocks

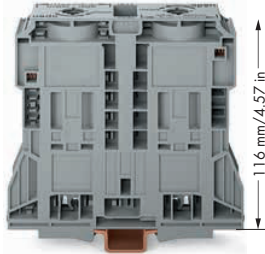
② For all approvals and corresponding ratings, visit www.wago.com.

For technical information and abbreviations, see "Technical Section."

High-Current Through and Ground Conductor Terminal Blocks, 185 mm²

285 Series

50 ... 185 mm ² AC/DC 1000 V/DC 1500 V/12 kV/3 ① I _N 353 A Terminal block width: 32 mm / 1.26 in. 45 ... 47 mm / 1.77 ... 1.85 in. ② Approvals	50 ... 185 mm ² AC/DC 1000 V/DC 1500 V/12 kV/3 ① I _N 353 A Terminal block width: 32 mm / 1.26 in. 45 ... 47 mm / 1.77 ... 1.85 in. ② Approvals
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Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
2-conductor through terminal block only for DIN 35 x 15 rails			2-conductor through terminal block with screw flanges		
gray	285-1185	5	gray	285-1161	4
blue	285-1184	5	blue	285-1164	4
2-conductor ground terminal block, only for DIN 35 x 15 rails; 2.3 mm thick, copper			2-conductor through terminal block with screw flanges		
green-yellow	285-1187	5	dark gray/yellow	285-1167	4

Accessories, 285 Series

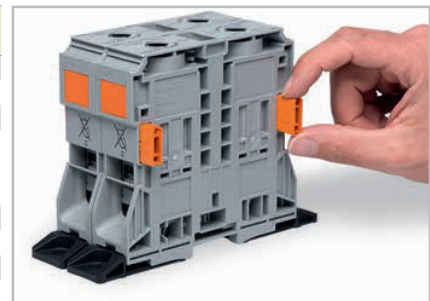
Adjacent jumper, insulated, ③ I _N 309 A for 1 jumper 285-1171 25			Block-to-block connector, for 185 mm ² high-current terminal blocks 285-1179 25		
Power tap, I_N 57 A, 0.2 ... 10/16 mm², ③ 20 mm/0.787 in. wide 285-1175 5			WMB Inline, plain, stretchable from 5 ... 5.2 mm, 1,500 WMB markers (5 mm) per roll 2009-115 1		
Allen wrench with a partially insulated shaft 8 mm 285-172 1			Marking strip, plain, 11 mm wide, 50 m roll 2009-110 1		
Protective warning marker, with high-voltage symbol, black 285-1177 50 (2x25)			WMB Multi marking system, plain, 10 strips with 10 markers per card, for 5 ... 17.5 mm terminal block width 793-501 5		
Finger guard, touch-proof cover protects unused conductor entries and jumper slots 285-1178 25			WMB Multi marking system, plain, 10 strips with 10 markers per card, stretchable from 5 ... 5.2 mm 793-5501 5		
Copper carrier rail, as per EN 60715, 35 x 15 mm, 2.3 mm thick, 2 m long unslotted 210-198 10					
Three-phase set, with 185 mm ² high-current terminal blocks 285-1169 1					
Screwless end stop, for DIN-35 rail, 14 mm wide 249-197 10					

③ Adjacent jumpers and power taps can only be removed or inserted when the clamp is in closed position.

POWER CAGE CLAMP

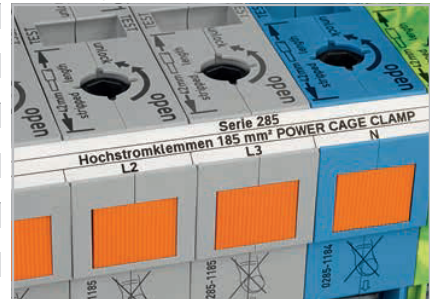
1

- ① AC/DC up to 1000 V = Rated voltage
DC up to 1500 V
12 kV = Rated impulse voltage
3 = Pollution degree
(see Full Line Catalog)



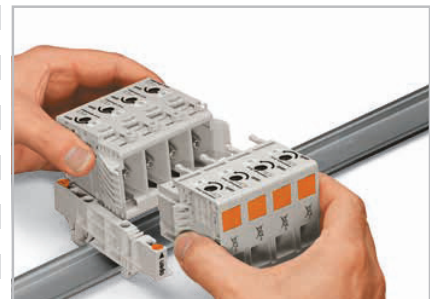
High-current through terminal blocks for M8 screws and fixing elements

Marking



In addition to WMB markers, marking strips can be directly applied to 185 mm² (350 kcmil) high-current terminal blocks.

834 Series



For high-current connectors, see Full Line Catalog.

TOPJOB® S

Double-Deck Terminal Blocks 1 (1.5) mm²

2000 Series

0.14 ... 1 (1.5) mm² ① 24 ... 16 AWG
500 V/6 kV/3
I_N 13.5 A (16 A)

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

② Approvals

0.14 ... 1 (1.5) mm² ① 24 ... 16 AWG
500 V/6 kV/3
I_N 13.5 A (16 A)

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

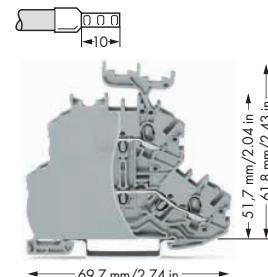
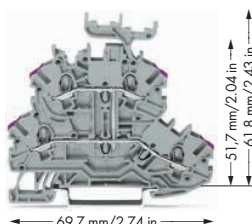
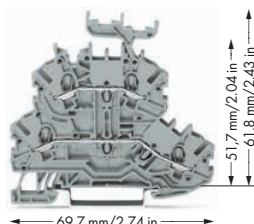
② Approvals

0.14 ... 1 (1.5) mm² ① 24 ... 16 AWG
800 V/8 kV/3
I_N 13.5 A (16 A)

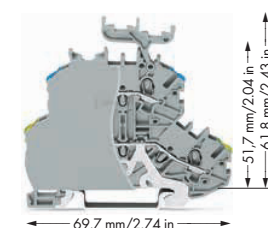
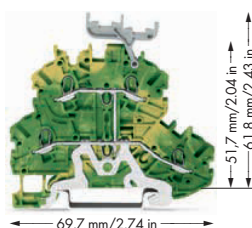
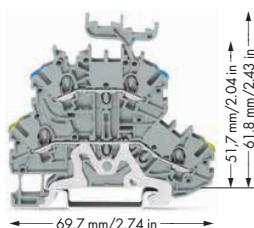
Terminal block width: 4.2 mm / 0.165 in.
9 ... 11 mm / 0.39 in.

② Approvals

① Conductor range: 0.14 ... 1.5 mm² "st+st"
Push-in termination: 0.5 ... 1.5 mm² "s" and 0.5 ... 0.75 mm² "insulated ferrule, 10 mm"



Color	Item No.	Item No.	Pack. Unit	Color	Item No.	Item No.	Pack. Unit	Color	Item No.	Item No.	Pack. Unit
Through/through terminal block, gray housing				4-conductor through terminal block, internally commoned, gray housing, violet-colored conductor entry				Through/through terminal block, with end plate, gray housing			
Marker carrier with				Marker carrier with				Marker carrier with			
without				without				without			
● L/L	2000-2231	2000-2201	50	● L	2000-2238	2000-2208	50	● L/L	2000-2231/099-000	2000-2201/099-000	50
● N/L	2000-2232	2000-2202	50					● N/L	2000-2232/099-000	2000-2202/099-000	50
● L/N	2000-2233	2000-2203	50					● L/N	2000-2233/099-000	2000-2203/099-000	50
Blue housing				4-conductor through terminal block, internally commoned, blue housing, violet-colored conductor entry				Blue housing			
● N/N	2000-2234 ③	2000-2204 ③	50	● N	2000-2239 ③	2000-2209 ③	50	● N/N	2000-2234/099-000 ③	2000-2204/099-000 ③	50



Color	Item No.	Item No.	Pack. Unit	Color	Item No.	Item No.	Pack. Unit	Color	Item No.	Item No.	Pack. Unit
Ground conductor/through terminal block, colored conductor entry				4-conductor ground terminal block, internally commoned, green-yellow housing				Ground conductor/through terminal block, with end plate, colored conductor entry			
Marker carrier with				Marker carrier with				Marker carrier with			
without				without				without			
● PE/N	2000-2247	2000-2217	50	● PE	2000-2237	2000-2207	50	● PE/N	2000-2247/099-000	2000-2217/099-000	50
● PE/L	2000-2257	2000-2227	50					● PE/L	2000-2257/099-000	2000-2227/099-000	50
Shield conductor/through terminal block, colored conductor entry				Shield conductor/through terminal block, with end plate, colored conductor entry				Shield conductor/through terminal block, with end plate, colored conductor entry			
Marker carrier with				Marker carrier with				Marker carrier with			
without				without				without			
● Shield/N	2000-2248	2000-2218	50					● Shield/N	2000-2248/099-000	2000-2218/099-000	50
● Shield/L	2000-2258	2000-2228	50					● Shield/L	2000-2258/099-000	2000-2228/099-000	50

Item-Specific Accessories

End and intermediate plate, 0.7 mm thick



2000-2292 100 (4x25)



2000-2291 100 (4x25)

End and intermediate plate, 0.7 mm thick



2000-2292 100 (4x25)



2000-2291 100 (4x25)

The end plate is an integral part of the terminal block.

Accessories, 2000 Series

Appropriate marking systems: WMB/Marking Strips/WMB Inline

Push-in type jumper bar, insulated,



I_N 14 A, light gray

2-way 2000-402 200 (8x25)

3-way 2000-403 200 (8x25)

4-way 2000-404 200 (8x25)

10-way 2000-410 100 (4x25)

● .../000-005

● .../000-006

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



1 to 3 2000-433 200 (8x25)

1 to 10 2000-440 100 (4x25)

Double-deck vertical jumper, insulated, I_N 13.5 A



2000-492

2000-493/000-012

100 (4x25)

Star point jumper, insulated,



I_N = I_N terminal block, light gray

1-3-5 2000-405/011-000

100 (4x25)

Double-deck marker carrier, pivoting



2000-121

50 (2x25)