

5



**Through, Ground Conductor and
 Ex Terminal Blocks**
 0.08 mm² to 35 mm² (AWG 28 - 2)

780 - 785 Series

295 – 298



**N-Conductor Disconnect and Power Distribution
 Disconnect Terminal Blocks**
 0.08 mm² to 35 mm² (AWG 28 - 2)

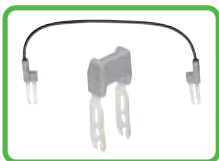
780 - 785 Series

299 – 301



Accessories for Rail-Mounted Terminal Blocks
 - Banana Plugs
 - Insulation Stops

198
 199



- Push-In Type Wire Jumpers
 - Staggered Jumpers
 - Comb-Style Jumper Bars
 - Test Plug Modules

201
 201
 200
 194 – 197

Assembly



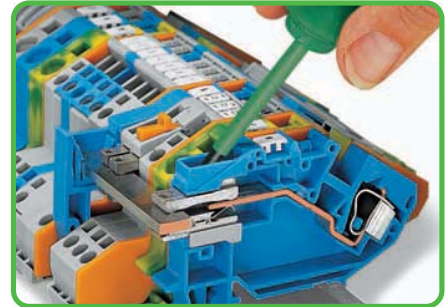
By snapping a ground conductor terminal block onto the carrier rail, a direct electrical connection is automatically made to the rail.

Removal



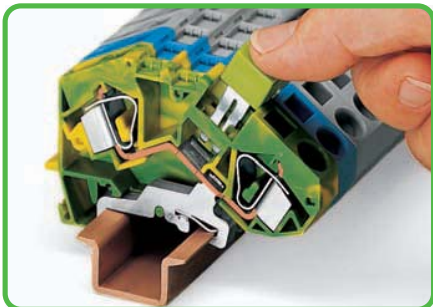
Removing a terminal block from the assembly.

Screwless disconnect slide link



Operating an N-disconnect slide link.

Commoning

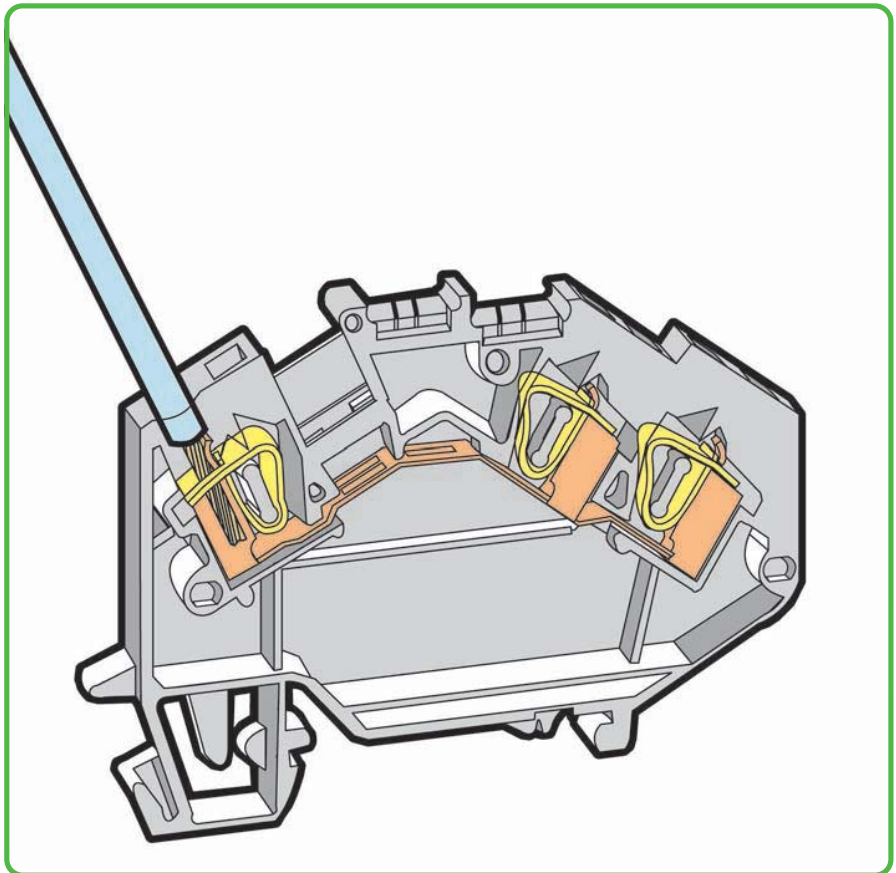


Commoning ground conductor terminal blocks with through terminal blocks is possible in one direction only (via rear side of terminal block) using adjacent jumpers. In addition to the required marking of these blocks, use yellow-green adjacent jumpers.

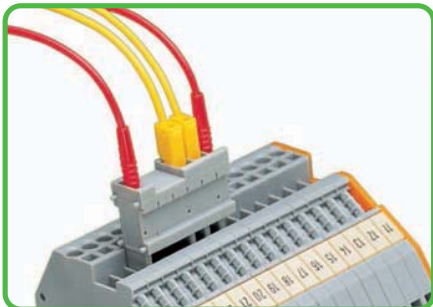
Commoning



Staggered jumpers for sophisticated circuit requirements. Push jumpers down firmly until fully inserted. For additional notes, see page 201.



Testing



Test plug module assembly. Combining test plug and spacer modules.

Insulation stop



Prevents conductor insulation from being pushed into the clamping unit. Available for terminal blocks up to 4 mm²/AWG 12.

Marking



Marking via WMB Multi markers and WFB continuous marking strips (see Section 13).

CAGE CLAMP® clamps the following copper conductors:*

- solid
- stranded

fine-stranded, also with tinned single strands

fine-stranded, tip-bonded

fine-stranded, with ferrule ① (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

* For aluminum conductors, see notes in Section 14.

① When using ferruled conductors, it is necessary to use a terminal block one size larger than the nominal cross section of the wire.

TOPJOB® Classic Through/Ground Conductor/Shield and Ex Terminal Blocks 2.5 mm² 780 Series

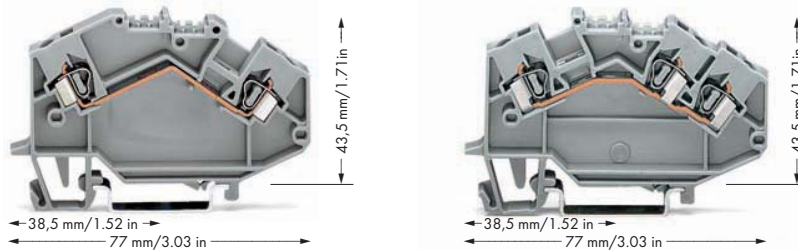
CAGE CLAMP®

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0.08 - 2.5 mm ² 1000 V/8 kV/3 ① I _N 24 A	AWG 28 - 12 * 600 V, 20 A ④ 600 V, 20 A ⑤	0.08 - 2.5 mm ² 1000 V/8 kV/3 ① I _N 24 A	AWG 28 - 12 * 600 V, 20 A ④ 600 V, 25 A ⑤
Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ②		Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ②	

- * AWG 12: THHN, THWN
- ① 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ Suitable for Ex i applications
- ④ Suitable for Ex e II applications
0.2 mm² - 2.5 mm²/AWG 24 - 12*
690 V, 23 A
(also see Section 14)
Using staggered jumpers reduces the maximum rated voltage to 275 V.
- ⑤ See application notes for:
Test plug modules, pages 194 - 196
Banana plug, page 198
Insulation stop, page 199
Comb-style jumper bar, page 200
Operating tool, page 200
Staggered jumper, page 201
Push-in type wire jumper, page 201



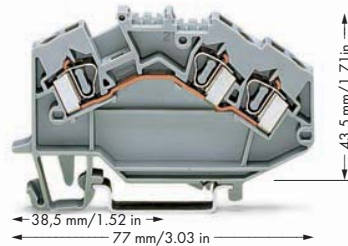
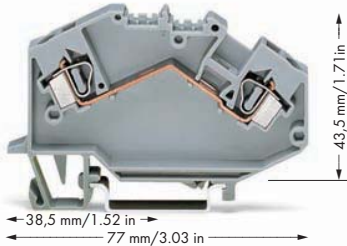
Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
2-conductor through terminal block		3-conductor through terminal block		Alternate comb-style jumper bar, insulated, I _N = I _N terminal block 2-way 280-492 200 (8x25)
gray 780-601 50		gray 780-631 50		
blue 780-604 ③ 50		blue 780-651 ③ 50		Operating tool, of insulating material ⑤ 2-way 280-432 1 3-way 280-433 1
orange 780-602 50		orange 780-654 50		
light gray ⑤ 780-992 ④ 50		light gray ⑤ 780-993 ④ 50		Test plug module, ⑤ can be snapped together, 5 mm wide gray 280-418 100 (4x25)
2-conductor ground terminal block		3-conductor ground terminal block		
green-yellow 780-607 50		green-yellow 780-637 50		Spacer module, can be snapped together, 5 mm wide gray 280-419 100 (4x25)
green-yellow ⑤ 780-607/999-950 ④ 50		green-yellow ⑤ 780-637/999-950 ④ 100		
Other terminal blocks with the same profile:		3-conductor shield terminal block		Test plug adapter, 5 mm wide, for terminal blocks 1.5 - 4 mm ² , for 210-137 test plug 2.3 mm Ø gray 280-404 100 (4x25)
N-disconnect 780-613 Page 299		white 780-640 50		
780 Series Accessories				
Appropriate marking systems: WMB/WFB (see Section 13)				
End and intermediate plate, 1.5 mm thick		Staggered jumper,		Test plug, with 500 mm cable, 2.3 mm Ø yellow 210-137 50
orange 780-317 100 (4x25)		⑤ insulated, width 5 mm/0.197 in, I _N 24 A		
Ex e/Ex i separator, orange,		from 1 to 2 780-452 100 (4x25)		Test plug adapter, 8.3 mm wide, for terminal blocks 1.5 - 10 mm ² , for test plug 4 mm Ø gray 209-170 50 (2x25)
3 mm thick 125.5 mm 209-192 50 (2x25)		from 1 to 3 780-453 100 (4x25)		
Insulation stop,		from 1 to 4 780-454 100 (4x25)		Test plug adapter, 6 mm wide, with CAGE CLAMP®, for 0.08 - 2.5 mm ² I _N 24 A 281-407 100 (4x25)
⑤ 5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st") white 280-470 200 (8x25)		from 1 to 5 780-455 50 (2x25)		
Insulation stop,		from 1 to 6 780-456 50 (2x25)		Banana plug, ⑤ for socket 4 mm Ø, color mixed 215-111 50
⑤ 5 pcs/strip, 0.25 - 0.5 mm ² light gray 280-471 200 (8x25)		from 1 to 7 780-457 50 (2x25)		
Insulation stop,		from 1 to 8 780-458 50 (2x25)		TOPJOB® tool, specially designed blade, suitable for all TOPJOB® terminal blocks 777-310 1
⑤ 5 pcs/strip, 0.75 - 1 mm ² dark gray 280-472 200 (8x25)		Push-in type wire jumper,		
Adjacent jumper, insulated,		⑤ insulated, I _N 9 A, wire size 0.75 mm ²		Screwless end stop, for DIN 35 rail, 10 mm wide gray 249-117 50 (2x25)
I _N = I _N terminal block gray 280-402 200 (8x25)		L = 60 mm 249-125 10		
yellow-green 280-422 200 (8x25)		L = 110 mm 249-126 10		Screwless end stop, for DIN 35 rail, 6 mm wide gray 249-116 100 (4x25)
Alternate jumper, insulated,		L = 250 mm 249-127 10		
I _N = I _N terminal block gray 280-409 100 (4x25)		Protective warning marker,		
		with high-voltage symbol, black, for 5 terminal blocks yellow 280-415 100 (4x25)		
		Comb-style jumper bar, insulated,		
		⑤ I _N = I _N terminal block		
		2-way 280-482 200 (8x25)		
		3-way 280-483 200 (8x25)		

For list of approvals and user guide, see pages 634 to 637.








TOPJOB® Classic Through/Ground Conductor and Ex Terminal Blocks 4 mm² 781 Series

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0.08 - 4 mm ² 1000 V/8 kV/3 ① I _N 32 A	AWG 28 - 12 600 V, 20 A ② 600 V, 20 A ③	0.08 - 4 mm ² 1000 V/8 kV/3 ① I _N 32 A	AWG 28 - 12 600 V, 20 A ② 600 V, 20 A ③
Terminal block width 6 mm / 0.236 in 9 - 10 mm / 0.37 in ②		Terminal block width 6 mm / 0.236 in 9 - 10 mm / 0.37 in ②	



- ① 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ Suitable for Ex i applications
- ④ Suitable for Ex e II applications
0.2 mm² - 4 mm²/AWG 24 - 12
690 V
30 A for 2-conductor terminal blocks
27 A for 3-conductor terminal blocks
(also see Section 14)
Using staggered jumpers reduces the maximum rated voltage to 275 V.
- ⑤ See application notes for:
Test plug modules, pages 194 - 196
Banana plug, page 198
Insulation stop, page 199
Comb-style jumper bar, page 200
Operating tool, page 200
Staggered jumper, page 201
Push-in type wire jumper, page 201

Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
2-conductor through terminal block		3-conductor through terminal block		Operating tool , of insulating material ⑤ 2-way 280-432 1 3-way 280-433 1
gray 781-601 50		gray 781-631 50		
blue 781-604 ③ 50		blue 781-651 ③ 50		
light gray ④ 781-992 ④ 50		light gray ④ 781-993 ④ 50		
2-conductor ground terminal block		3-conductor ground terminal block		Test plug module ,
green-yellow 781-607 50		green-yellow 781-637 50		⑤ can be snapped together, 6 mm wide
green-yellow ④ 781-607/999-950 ④ 50		green-yellow ④ 781-637/999-950 ④ 50		gray 281-418 100 (4x25)
Other terminal blocks with the same profile:		Other terminal blocks with the same profile:		Spacer module ,
N-disconnect 781-613 Page 299		N-disconnect 781-643 Page 299		can be snapped together, 6 mm wide
Potential 781-623 Page 299		Potential 781-653 Page 299		gray 281-419 100 (4x25)
781 Series Accessories				
Appropriate marking systems: WMB/WFB (see Section 13)				
End and intermediate plate , 1.5 mm thick orange 780-317 100 (4x25)		Staggered jumper ,		Test plug ,
		⑤ insulated, width 6 mm/0.236 in, I _N 32 A		with 500 mm cable, 2.3 mm Ø
Ex e/Ex i separator , orange, 3 mm thick 125.5 mm 209-192 50 (2x25)		from 1 to 2 781-452 100 (4x25)		yellow 210-137 50
		from 1 to 3 781-453 100 (4x25)		Test plug adapter , 8.3 mm wide, for terminal blocks 1.5 - 10 mm ² , for test plug 4 mm Ø
Insulation stop ,		from 1 to 4 781-454 100 (4x25)		gray 209-170 50 (2x25)
⑤ 5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st") white 281-470 200 (8x25)		from 1 to 5 781-455 50 (2x25)		Test plug adapter , 6 mm wide, with CAGE CLAMP®, for 0.08 - 2.5 mm ² I _N 24 A 281-407 100 (4x25)
		from 1 to 6 781-456 50 (2x25)		Banana plug ,
Insulation stop ,				⑤ for socket 4 mm Ø, color mixed 215-111 50
⑤ 5 pcs/strip, 0.25 - 0.5 mm ² light gray 281-471 200 (8x25)		Push-in type wire jumper ,		TOPJOB® tool , specially designed blade, suitable for all TOPJOB® terminal blocks 777-310 1
		⑤ insulated, I _N 9 A, wire size 0.75 mm ²		
Insulation stop ,		L = 60 mm 249-125 10		
⑤ 5 pcs/strip, 0.25 - 1.5 mm ² dark gray 281-472 200 (8x25)		L = 110 mm 249-126 10		
		L = 250 mm 249-127 10		
Adjacent jumper , insulated, I _N = I _N terminal block gray 281-402 200 (8x25) yellow-green 281-422 200 (8x25)		Protective warning marker ,		Screwless end stop ,
		with high-voltage symbol, black, for 5 terminal blocks yellow 281-415 100 (4x25)		for DIN 35 rail, 6 mm wide gray 249-116 100 (4x25)
Alternate jumper , insulated, I _N = I _N terminal block gray 281-409 100 (4x25)		Comb-style jumper bar , insulated,		Screwless end stop ,
		⑤ I _N = I _N terminal block		for DIN 35 rail, 10 mm wide gray 249-117 50 (2x25)
		2-way 281-482 100 (4x25)		
		3-way 281-483 100 (4x25)		
		Alternate comb-style jumper bar ,		
		insulated, I _N = I _N terminal block		
		2-way 281-492 100 (4x25)		

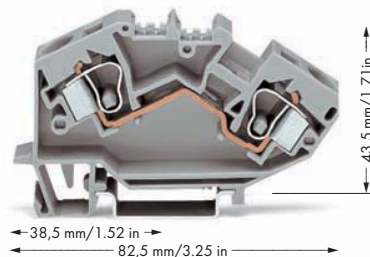
TOPJOB® Classic Through/Ground Conductor and Ex Terminal Blocks 6 mm² and 10 mm² 782 and 784 Series

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0.2 - 6 mm ² 1000 V/8 kV/3 ② I _N 41 A	AWG 24 - 10 600 V, 30 A ③ 600 V, 25 A ④	0.2 - 10 (16) mm ² ① 1000 V/8 kV/3 ② I _N 57 A	AWG 24 - 6 600 V, 50 A ③ 600 V, 35 A ④
Terminal block width 8 mm / 0.315 in 82,5 mm / 3.25 in ⑤		Terminal block width 10 mm / 0.394 in 82,5 mm / 3.25 in ⑤	

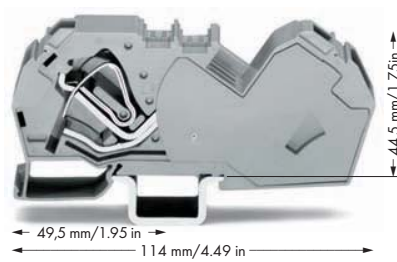
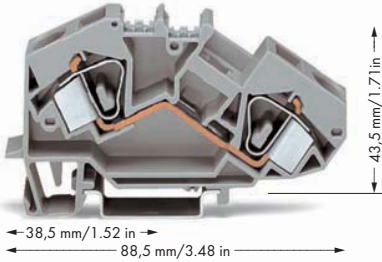


- ① Max. connector size: 16 mm²
- ② 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ Suitable for Ex i applications
- ⑤ Suitable for Ex e II applications
0.2 mm² - 6 mm²/AWG 24 - 10
690 V, 39 A
(also see Section 14)
- ⑥ Suitable for Ex e II applications
0.2 mm² - 10 mm²/AWG 24 - 8
690 V, 53 A
(also see Section 14)
- ⑦ See application notes for:
Test plug module, page 197
Banana plug, page 198

Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
2-conductor through terminal block		2-conductor through terminal block		WMB/WFB (see Section 13)
gray 782-601 25		gray 784-601 25		
blue 782-604 ④ 25		blue 784-604 ④ 25		End and intermediate plate , 1.5 mm thick
light gray ⑤ 782-992 ⑤ 50		light gray ⑤ 784-992 ⑥ 25		orange 782-317 100 (4x25)
2-conductor ground terminal block		2-conductor ground terminal block		Ex e/Ex i separator , orange, 3 mm thick
green-yellow 782-607 25		green-yellow 784-607 25		125.5 mm 209-192 50 (2x25)
green-yellow ⑤ 782-607/999-950 ⑤ 50		green-yellow ⑤ 784-607/999-950 ⑥ 25		Test plug adapter , 8.3 mm wide, for terminal blocks 1.5 - 10 mm ² , for test plug 4 mm Ø
Other terminal blocks with the same profile:		Other terminal blocks with the same profile:		gray 209-170 50 (2x25)
N-disconnect 782-613 Page 300		N-disconnect 784-613 Page 300		Banana plug ,
Potential 782-623 Page 300		Potential 784-623 Page 300		⑦ for socket 4 mm Ø, color mixed
Item-Specific Accessories		Item-Specific Accessories		215-111 50
Adjacent jumper , insulated, I _N 41 A		Adjacent jumper , insulated, I _N 57 A		Busbar carrier ,
gray 282-402 100 (4x25)		gray 284-402 100 (4x25)		with end stop function and detachable separator plate, for DIN 35 rail, 8 mm thick
yellow-green 282-422 100 (4x25)		yellow-green 284-422 100 (4x25)		blue 777-305 25
Alternate jumper , insulated, I _N 41 A		Alternate jumper , insulated, I _N 57 A		WFB continuous marking strip ,
gray 282-409 100 (4x25)		gray 284-409 50 (2x25)		1000 mm long
Protective warning marker ,		Protective warning marker ,		transparent 210-612 10
with high-voltage symbol, black, for 5 terminal blocks		with high-voltage symbol, black, for 5 terminal blocks		Carrier for WFB continuous marking strip ,
yellow 282-415 100 (4x25)		yellow 284-415 50 (2x25)		to be snapped into the marker slot
B-type test plug module ,		B-type test plug module ,		209-185 200 (8x25)
can be snapped together, 8 mm wide		can be snapped together, 8 mm wide		TOPJOB® tool , specially designed blade, suitable for all TOPJOB® terminal blocks
gray 709-310 100 (4x25)		gray 709-310 100 (4x25)		777-310 1
B-type spacer module ,		B-type spacer module ,		Screwless end stop ,
can be snapped together, 8 mm wide		can be snapped together, 8 mm wide		for DIN 35 rail, 6 mm wide
gray 709-311 100 (4x25)		gray 709-311 100 (4x25)		gray 249-116 100 (4x25)
B-type spacer plate ,		B-type spacer plate ,		Screwless end stop ,
can be snapped together, 2 mm wide		can be snapped together, 2 mm wide		for DIN 35 rail, 10 mm wide
gray 709-312 100 (4x25)		gray 709-312 100 (4x25)		gray 249-117 50 (2x25)
Finger guard ,		Finger guard ,		
touchproof cover protects unused conductor entries		touchproof cover protects unused conductor entries		
yellow 284-400 100 (4x25)		yellow 284-400 100 (4x25)		

For list of approvals and user guide, see pages 634 to 637.

<p>0.2 - 16 mm² 1000 V/8 kV/3 ① I_N 76 A</p> <p>AWG 24 - 6 600 V, 65 A ② 600 V, 50 A ③</p> <p>Terminal block width 12 mm / 0.472 in 16 - 17 mm / 0.65 in ②</p>	<p>6 - 35 mm² 1000 V/8 kV/3 ① I_N 125 A</p> <p>AWG 8 - 2 600 V, 115 A ② 600 V, 125 A ③</p> <p>Terminal block width 16 mm / 0.63 in 23 mm / 0.91 in ②</p>
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- ① 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ Suitable for Ex i applications
- ④ Suitable for Ex e II applications
0.2 mm² - 16 mm²/AWG 24 - 6
690 V, 68 A
0.2 mm² - 10 mm²/AWG 24 - 8
for ground conductor terminal blocks
(also see Section 14)

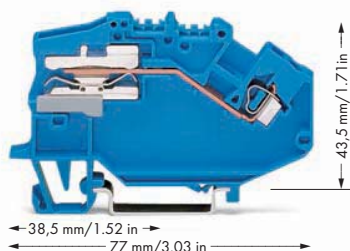
Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
2-conductor through terminal block		2-conductor through terminal block		WMB/WFB (see Section 13)
gray 783-601	25	gray 785-601	15	
blue 783-604 ③	25	blue 785-604 ③	15	Test plug adapter , 11.6 mm wide, for 1.5 - 16 mm ² terminal blocks, for test plug 4 mm Ø
light gray ④ 783-992 ④	25			gray 283-404 25
2-conductor ground terminal block		2-conductor ground terminal block		Banana plug , for socket 4 mm Ø, color mixed
green-yellow 783-607	25	green-yellow 785-607	15	215-111 50
green-yellow ④ 783-607/999-950 ④	25			Busbar carrier , with end stop function and detachable separator plate, for DIN 35 rail, 8 mm thick
Other terminal blocks with the same profile:		Other terminal blocks with the same profile:		blue 777-305 25
N-disconnect 783-613	Page 300	N-disconnect 785-613	Page 301	WFB continuous marking strip , 1000 mm long
Potential 783-623	Page 300	Potential 785-623	Page 301	transparent 210-612 10
Item-Specific Accessories		Item-Specific Accessories		Carrier for WFB continuous marking strip , to be snapped into the marker slot
End and intermediate plate , 1.5 mm thick		Adjacent jumper , insulated,		209-185 200 (8x25)
orange 783-317	100 (4x25)	I _N 85 A		TOPJOB® tool , specially designed blade, suitable for all TOPJOB® terminal blocks
		gray 285-435	50 (2x25)	777-310 1
Adjacent jumper , insulated,		Protective warning marker ,		Screwless end stop ,
I _N 70 A		with high-voltage symbol, black, for 5 terminal blocks		for DIN 35 rail, 6 mm wide
gray 283-402	50 (2x25)	yellow 285-416	50 (2x25)	gray 249-116 100 (4x25)
yellow-green 283-422	50 (2x25)	Finger guard ,		Screwless end stop ,
Alternate jumper , insulated,		touchproof cover protects unused conductor entries		for DIN 35 rail, 10 mm wide
I _N 76 A		yellow 285-401	100	gray 249-117 50 (2x25)
gray 283-409	50 (2x25)			
Protective warning marker ,				
with high-voltage symbol, black, for 5 terminal blocks				
yellow 283-415	50 (2x25)			
Finger guard ,				
touchproof cover protects unused conductor entries				
yellow 283-400	100 (4x25)			

TOPJOB® Classic

N-Conductor Disconnect Terminal Blocks and Power Distribution Disconnect Terminal Blocks 2.5 mm² and 4 mm², 780 and 781 Series

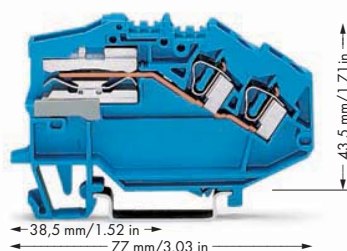
CAGE CLAMP®

0.08 - 2.5 mm ² 400 V/6 kV/3 ① I _N 24 A Terminal block width 5 mm / 0.197 in ② 8 - 9 mm / 0.33 in	AWG 28 - 12 * 600 V, 20 A ③	0.08 - 4 mm ² 400 V/6 kV/3 ① I _N 32 A Terminal block width 6 mm / 0.236 in ② 9 - 10 mm / 0.37 in	AWG 28 - 12 600 V, 20 A ③
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- * AWG 12: THHN, THWN
- ① 400 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ See page 300
- ④ See page 300

Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
1-conductor N-disconnect terminal block ● blue	780-613 ③ 50	1-conductor N-disconnect terminal block ● blue	781-613 ③ 50	WMB/WFB (see Section 13)
		1-conductor power distribution disconnect terminal block ● gray	781-623 ④ 50	End and intermediate plate , 1.5 mm thick orange 780-317 100 (4x25)
Other terminal blocks with the same profile: Through	780-601 Page 295	Other terminal blocks with the same profile: Through	781-601 Page 296	Busbar carrier , not suitable as end stop, for DIN 35 rail, 1.5 mm thick blue 780-321 100 (4x25)



Item No.	Pack. Unit	Accessories
2-conductor N-disconnect terminal block ● blue	781-643 ③ 50	Busbar carrier , with end stop function and detachable separator plate, for DIN 35 rail, 8 mm thick blue 777-305 25
2-conductor power distribution disconnect terminal block ● gray	781-653 ④ 50	Straight busbar , Cu with tin plating, 10 x 3 mm, 1000 mm long I _N 140 A 210-133 1
Other terminal blocks with the same profile: Through	781-631 Page 296	Cover for N-busbar , transparent, 1000 mm long 777-303 1
		Connector , for N-busbar, with blue cover, 2.5 - 16 mm ² blue 210-281 100 (2x50)
		Connector , for N-busbar, 2.5 - 35 mm ² unplated 209-105 50
		Lock-out , snap-on type, prevents reclosing of slide link orange 777-300 100 (4x25)
		Step-down test plug , from 4 mm socket to 2 mm plug red 210-297 100 (4x25)

For list of approvals and user guide, see pages 634 to 637.

TOPJOB® Classic

N-Conductor Disconnect and Power Distribution Disconnect Terminal Blocks
6 mm², 10 mm², 16 mm² and 35 mm², 782, 784, 783 and 785 Series

0.2 - 6 mm² | AWG 24 - 10
400 V/6 kV/3 ② | 600 V, 30 A ③
I_N 41 A

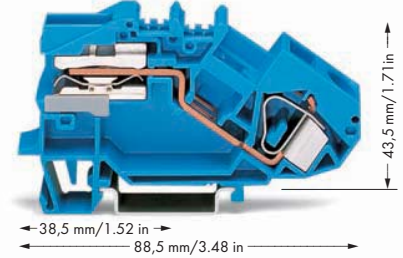
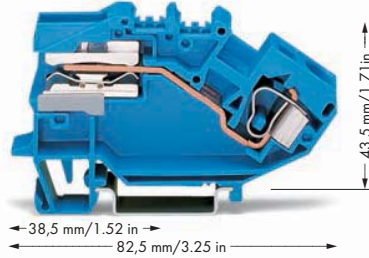
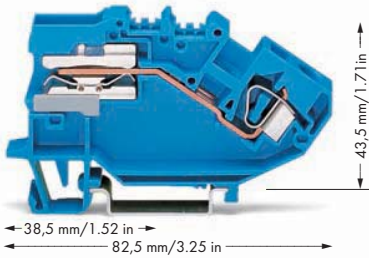
Terminal block width 8 mm / 0.315 in
12 - 13 mm / 0.49 in ③




0.2 - 10 (16) mm² ① | AWG 24 - 6
400 V/6 kV/3 ②
I_N 57 A

Terminal block width 10 mm / 0.394 in
12 - 13 mm / 0.49 in ③

0.2 - 16 mm² | AWG 24 - 6
400 V/6 kV/3 ② | 600 V, 65 A ③
I_N 68 A
















Terminal block width 12 mm / 0.472 in
16 - 17 mm / 0.65 in ③



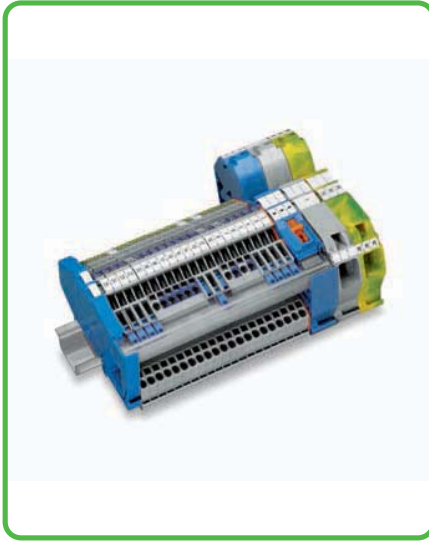
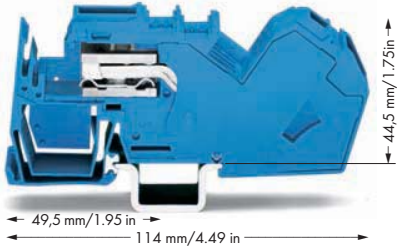
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
1-conductor N-disconnect terminal block ● blue	782-613 ④ 25	1-conductor N-disconnect terminal block ● blue	784-613 ④ 25	1-conductor N-disconnect terminal block ● blue	783-613 ④ 25
1-conductor power distribution disconnect terminal block ● gray	782-623 ⑤ 25	1-conductor power distribution disconnect terminal block ● gray	784-623 ⑤ 25	1-conductor power distribution disconnect terminal block ● gray	783-623 ⑤ 25
Other terminal blocks with the same profile: Through	782-601 Page 297	Other terminal blocks with the same profile: Through	784-601 Page 297	Other terminal blocks with the same profile: Through	783-601 Page 298
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
Busbar carrier,  not suitable as end stop, for DIN 35 rail, 1.5 mm thick blue	782-321 100 (4x25)	Busbar carrier,  not suitable as end stop, for DIN 35 rail, 1.5 mm thick blue	782-321 100 (4x25)	Busbar carrier,  not suitable as end stop, for DIN 35 rail, 1.5 mm thick blue	783-321 100 (4x25)

Accessories


Appropriate marking systems:
WMB/WFB (see Section 13)

Busbar carrier,  with end stop function and detachable separator plate, for DIN 35 rail, 8 mm thick blue	777-305 25	Connector,  for N-busbar, 2.5 - 35 mm ² unplated	209-105 50	WFB continuous marking strip,  1000 mm long transparent	210-612 10
Straight busbar, Cu with tin plating,  10 x 3 mm, 1000 mm long I _N 140 A	210-133 1	Lock-out, snap-on type,  prevents reclosing of slide link orange	782-300 100 (4x25)	Carrier for WFB continuous marking strip,  to be snapped into the marker slot	209-185 200 (8x25)
Cover for N-busbar,  transparent, 1000 mm long	777-303 1	Test plug,  with 500 mm cable, 2.3 mm Ø yellow	210-137 50	TOPJOB® tool, specially designed blade,  suitable for all TOPJOB® terminal blocks	777-310 1
Connector,  for N-busbar, with blue cover, 2.5 - 16 mm ² blue	210-281 100 (2x50)	Step-down test plug,  from 4 mm socket to 2 mm plug red	210-297 100 (4x25)	Screwless end stop,  for DIN 35 rail, 6 mm wide gray	249-116 100 (4x25)
		WMB Multi marking system,  10 strips with 10 markers per card, for terminal widths 5 - 17.5 mm plain	793-501 5	Screwless end stop,  for DIN 35 rail, 10 mm wide gray	249-117 50 (2x25)
		WMB Multi marking system,  10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain	793-5501 5		

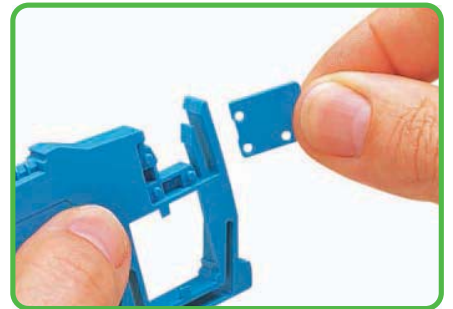
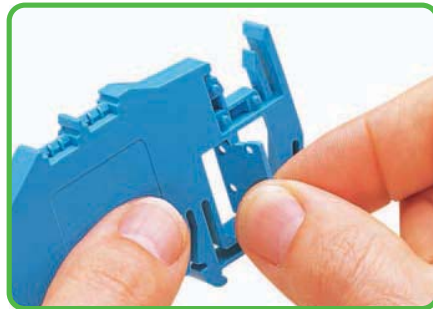
6 - 35 mm ²	AWG 8 - 2
400 V/6 kV/3 ②	
I _N 125 A	600 V, 125 A ⑥
Terminal block width 16 mm / 0.63 in	
③ 23 mm / 0.91 in	



- ① Max. connector size: 16 mm²
- ② 400 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ See bottom of column 5
- ⑤ See bottom of column 6

Item No.	Pack. Unit
1-conductor N-disconnect terminal block	
● blue 785-613 ④	15
1-conductor power distribution disconnect terminal block	
● gray 785-623 ⑤	15
Other terminal blocks with the same profile:	
Through 785-601	Page 298
Item-Specific Accessories	
Busbar carrier,	
 not suitable as end stop, for DIN 35 rail, 1.5 mm thick	
blue 783-321	100 (4x25)

The new 35 mm²/AWG 2 terminal blocks are the latest addition to WAGO TOPJOB®, the professional range of rail-mounted terminal blocks for building installation. These terminal blocks, which include an end plate, are only 16 mm/0.63 in wide. Their compact design allows them to fit into standard distribution box. The lower conductor entry makes it much easier to terminate 35 mm²/AWG 2 conductors. Furthermore, the N-busbar holder is integrated in the terminal block, making any separate holder redundant.



④ For the construction and operation of power installations in fire hazardous locations or public buildings – such as conference centers, stores, hospitals, schools, theaters, hotels. – the DIN VDE 0100-710 or DIN VDE 0100-718 standards shall be observed. DIN VDE 0100-482 shall be observed for fire hazardous locations. These VDE mandate determine that every neutral conductor must be provided with a disconnection device so, e.g., insulation testing is possible for every circuit without disconnecting the N-conductor.

WAGO N-disconnect terminal blocks meet this requirement.

⑤ According to DIN VDE 0100-710 "Requirements for operating facilities, rooms and special installations – medical facilities", equipotential bonding conductors shall be run on a potential equalization busbar. The potential equalization busbar and the protective ground conductor busbar must be accommodated in a common housing and be connected by means of a disconnectable connection using a copper conductor with a minimum cross section of 16 mm²/AWG 6. Furthermore, all equipotential bonding conductors must be connected to the potential equalization busbar and clearly arranged so they can be disconnected individually and accessed at any time. Depending on their function, they must be provided with captive marking.

WAGO power distribution disconnect terminal blocks meet these requirements.