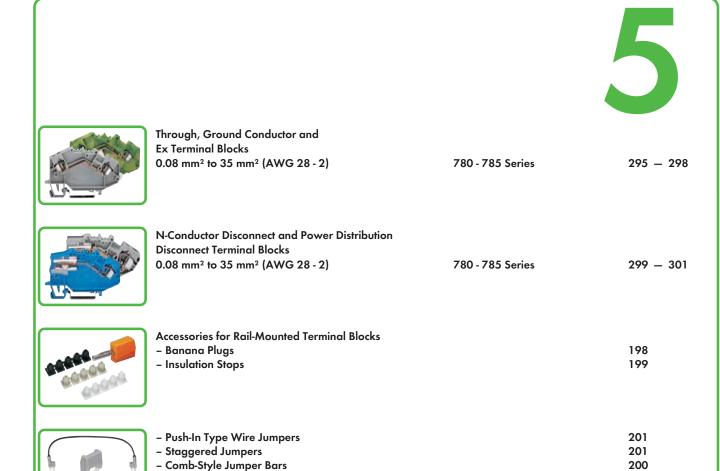
TOPJOB® Classic Rail-Mounted Terminal Blocks, 35° Front-Entry

- Test Plug Modules



194 – 197





TOPJOB® Classic Rail-Mounted Terminal Blocks, 780 to 785 Series – Description and Handling –



294 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.

CAGE CLAMP® clamps the following copper conductors:*

stranded

fine-stranded, also with tinned

Insulation stop

fine-stranded, tip-bonded

Marking



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

single strands

Prevents conductor insulation from being pushed into the

clamping unit. Available for terminal blocks up to 4 mm²/AWG 12.

fine-stranded, with ferrule 🕦 (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 CAGE CLAMP® Through/Ground Conductor/Shield and Ex Terminal Blocks 2.5 mm²

0.08 - 2.5 mm² AWG 28 - 12 * 1000 V/8 kV/3 **1** 600 V, 20 A**9** I_N 24 A 600 V, 20 A® Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in 2

0.08 - 2.5 mm² AWG 28 - 12 * 1000 V/8 kV/3 1 600 V, 20 A 94 I_N 24 A 600 V, 25 A®

Terminal block width 5 mm / 0.197 in ── 8 - 9 mm / 0.33 in **②**

- AWG 12: THHN, THWN
- 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.
- 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	ı No.	Pack. Unit	Accessor	ies		
2-conductor t	through terminal bloc	:k	3-conducto	or through termi	inal block					
gray	780-601	50	gray	780-		50	L			
blue	780-604 3	50	blue		-651 🔞	50	Alternate co	omb-style jump	per bar,	
orange	780-602	50	orange	780-	654	50		insulated,		
light gray			light gra		-993 4	50		$I_N = I_N \text{ term}$	ninal block	
5 0 -7			5 5 5.				815	2-way	280-492	200 (8×25
2-conductor	ground terminal block	k	3-conducto	or ground termir	nal block		Operatina to	ool, of insulatin		,23
green-yello	•	50	green-ye	•		50	6	2-way	280-432	
green-yello		99-950 4 50	green-ye		-637/999-950			3-way	280-433	
	201/1	5.0	9.00119	. 00	, , , , , ,					
			3-conducte	or shield termina	al block		Test plug mo	odule,		
			white	780-		50	6 M		ipped together,	
			.,,,,,,,	, 33			1	5 mm wide		
Other termin	nal blocks with the sar	ne profile					-	gray	280-418	100 (4×25
N-disconnect	780-613	Page 299					Spacer mod	<u> </u>	_55-410	.55 (4,25
. G.JCOIIIIECI	700-013	1 uge 277					-pacer moc		ipped together,	
							-	5 mm wide		
							宣		280-419	100 (4×25
700 0	- A						Tock who	gray		100 (4x25
∕8U Serie	es Accessories						rest plug ac	for terminal		um²
		Appropriate	e marking syste	ems:			0		l blocks 1.5 - 4 m	
				ee Section 13)					37 test plug 2.3 n	
F. 1 .		<u> </u>		<u> </u>			Al.	gray	280-404	100 (4x25
end and inte	ermediate plate, 1.5 m		Staggered				Test plug,	.3 -1		
	orange 780-	- 317 100 (4×2	25) 6	insulated,	(0.10=			with 500 m	nm cable,	
The same of the sa				width 5 mm/	/0.197 in,			2.3 mm Ø		
200			357	I _N 24 A				yellow	210-137	50
Ex e/Ex i sep	parator, orange,			from 1 to 2	780-452	100 (4×25)		dapter, 8.3 mm		
	3 mm thick			from 1 to 3	780-453	100 (4×25)	100		l blocks 1.5 - 10	mm²,
	125.5 mm 209 -	- 192 50 (2×2	25)	from 1 to 4	780-454	100 (4×25)		for test plug	•	
1				from 1 to 5	780-455	50 (2×25)		gray	209-170	50 (2×25
Insulation sta	• •			from 1 to 6	780-456	50 (2×25)		dapter, 6 mm v		
6	5 pcs/strip,			from 1 to 7	780-457	50 (2×25)	m	with CAGE	CLAMP®,	
69999	0.08 - 0.2 mm ² "s" (0	0.14 mm ² "f-st")		from 1 to 8	780-458	50 (2×25)		for 0.08 - 2	2.5 mm ²	
(MATERIAL STATES		- 470 200 (8×2	?5)				I	I _N 24 A	281-407	100 (4x25
Insulation sta		100		pe wire jumper,			Banana plu			
6	5 pcs/strip,		6	insulated,			6	for socket 4	4 mm Ø,	
40000	0.25 - 0.5 mm ²			I _N 9 A,			43	color mixed		
100	light gray 280-	- 471 200 (8x2	?5)	wire size 0.7	75 mm ²		7		215-111	50
Insulation sta	0 0 /	_55 (6).		L = 60 mm	249-125	10	TOPJOR® to	ool, specially de		30
6	5 pcs/strip,			L = 110 mm		10			r all TOPJOB® ter	minal blocks
	0.75 - 1 mm ²			L = 250 mm		10		, , , , , , , , , , , , , , , , , , , ,	777-310	210CN3
-	dark gray 280-	- 472 200 (8×2	?5)	2 230 11111	= +7-12/	10				
Adjacent in	nper, insulated,		- '	warning marke	r.		Screwless er	nd stop		
Jacom Jun	n per, insulatea, I _N = I _N terminal block		Liolective		e r, Iltage symbol, b	olack	-21 2 WIG22 6	for DIN 35	rail	
16			251		- '	JIGUN,	JB-65.		- /	
	0 /	•	THE RESERVE OF THE PERSON NAMED IN	for 5 termino		100 /4 05		10 mm wid		50 /0 05
Alternation	yellow-green 280-	-422 200 (8x2	-	yellow	280-415	100 (4×25)		gray	249-117	50 (2×25
Airernate jun	nper, insulated,			e jumper bar, ins			Screwless e		:1	
and the same of th	$I_N = I_N$ terminal block		6	$I_N = I_N \text{ termin}$	nal block		1	for DIN 35	rail.	
						000	1794			
	gray 280-			2-way 3-way	280-482 280-483	200 (8×25) 200 (8×25)	The second second	6 mm wide		100 (4x25)

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



0.08 - 4 mm² 1000 V/8 kV/3 1 600 V, 20 A 1 I_N 32 A

AWG 28 - 12 600 V, 20 A@

Terminal block width 6 mm / 0.236 in 9 - 10 mm / 0.37 in 2

0.08 - 4 mm²

 $I_N 32 A$

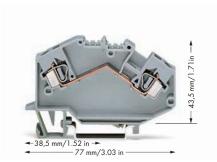
AWG 28 - 12 1000 V/8 kV/3 1 600 V, 20 A N 600 V, 20 A@

Terminal block width 6 mm / 0.236 in

9 - 10 mm / 0.37 in 2

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





2-conductor thro gray blue light gray &	ugh termino 781-60		Unit			m No.	Unit				
blue blue	701 40	al block		3-conducto	or through ter	minal block					
~	/ 01-00	01	50	gray	78	1-631	50				
light gray 🗟	781-60	04 🔞	50	blue blue	78	31-651 🔞	50	Operating to	ol, of insulating	g material	
	781-99	92 4	50	light gra	ıy 🖾 78	31-993 🐠	50	6	2-way	280-432	1
									3-way	280-433	1
2-conductor grou	und termina	l block		3-conducto	or ground terr	ninal block					
green-yellow	781-60	07	50	green-ye	ellow 78	1-637	50	Test plug mo	dule,		
green-yellow @	₹ 781-60	07/999-950	4 50	green-ye	ellow 🗟 78	1-637/999-9	50 4 50	6	can be snap	ped together,	
								11	6 mm wide		
Other terminal b	locks with tl	he same pro	ofile:	Other term	ninal blocks w	ith the same p	orofile:	1	gray	281-418	100 (4x25)
N-disconnect	781-61	13	Page 299	N-disconne	ct 78	1-643	Page 299	Spacer modu	ile,		
Potential	781-62	23	Page 299	Potential	78	1-653	Page 299		can be snap	ped together,	
									6 mm wide		
								III	gray	281-419	100 (4×25)
781 Series A	ccossorie	25						Test plug add	pter, 5 mm wi	ide,	<u> </u>
7 O I Series A										blocks 1.5 - 4 m	nm²,
		Ар	propriate m	arking syste	ems:					test plug 2.3 m	
		W	MB/WFB (s	ee Section	13)			T T	gray	280-404	100 (4x25)
End and interme	diate plate.	1.5 mm thick	k	Staggered	iumper.			Test plug,	9.47		100 (1,1,20)
	range	780-317	100 (4x25)	6	insulated,			resi piog,	with 500 mm	n cable	
	runge	700-017	100 (4,25)	0		m/0.236 in,			2.3 mm Ø	ii cable,	
				퇢	I _N 32 A	111/ 0.200 111,			yellow	210-137	50
Ev o/Ev i congre	tor orange				from 1 to	2 781-452	100 (4×25)	Tost plug ade	pter, 8.3 mm		
Ex e/Ex i separator, orange, 3 mm thick				from 1 to		,	resi piug dat		blocks 1.5 - 10	mm ²	
	25.5 mm	209-192	EO (225)		from 1 to			m			mm-,
() ·	23.3 mm	209-192	50 (2×25)					W	for test plug		50 (0.05)
					from 1 to		, ,		gray	209-170	50 (2x25)
Insulation stop,					from 1 to	6 781-456	50 (2×25)	Test plug add			
	pcs/strip,	0 /0 1 /	0.116 .113					m	with CAGE		
- Ball Co.	.08 - 0.2 mm								for 0.08 - 2.		
	hite	281-470	200 (8x25)					587	I _N 24 A	281-407	100 (4x25)
Insulation stop,				/ .	e wire jumpe	r,		Banana plug			
a.O.	pcs/strip,			6	insulated,			6	for socket 4	mm Ø,	
60	.25 - 0.5 mm			Ē.] I _N 9 A,			- 10 m	color mixed		
	ght gray	281-471	200 (8x25)	200	wire size					215-111	50
Insulation stop,					L = 60 mr			TOPJOB® too	I, specially des		
	pcs/strip,				L = 110 n				suitable for a	all TOPJOB® ter	minal blocks
0.	.25 - 1.5 mm				L = 250 n	nm 249-127	10			777-310	1
	ark gray	281-472	200 (8×25)					/			
Adjacent jumper				Protective	warning marl			Screwless en			
I _N	_I = I _N termina				_	voltage symbol,	black,		for DIN 35 r	rail,	
g	ray	281-402	200 (8×25)	-	for 5 term	inal blocks		-111-	6 mm wide		
ye ye	ellow-green	281-422	200 (8×25)	- Colored	yellow	281-415	100 (4×25)		gray	249-116	100 (4×25)
Alternate jumper, insulated,				Comb-style jumper bar, insulated,				Screwless en	d stop,		
I _N	$I_N = I_N$ terminal block			6	$I_N = I_N \text{ ter}$	minal block		for DIN 35 rail,			
gr	ray	281-409	100 (4×25)	n	2-way	281-482	100 (4×25)	ALC:	10 mm wide		
L.A.					3-way	281-483	100 (4x25)	·	gray	249-11 <i>7</i>	50 (2x25)
				Alternate o	omb-style jun	nper bar,					
					insulated,						
						minal block					
				1.8	2-way	281-492	100 (4x25)				

5

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

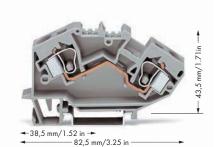
0.2 - 6 mm²
1000 V/8 kV/3 2 AWG 24 - 10
600 V, 30 A L
600 V, 25 A Terminal block width 8 mm / 0.315 in

□■ 12 - 13 mm / 0.49 in **③**

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

- 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
- Suitable for Ex e II applications 0.2 mm² - 6 mm²/AWG 24 - 10 690 V, 39 A (also see Section 14)
- Suitable for Ex e II applications 0.2 mm² - 10 mm²/AWG 24 - 8 690 V, 53 A (also see Section 14)
- See application notes for: Test plug module, page 197 Banana plug, page 198



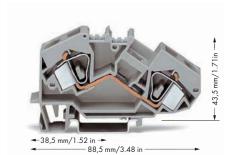


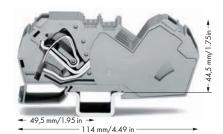
Pack. Pack. Accessories Item No Item No Unit Unit WMB/WFB 2-conductor through terminal block 2-conductor through terminal block (see Section 13) gray 782-601 25 gray 784-601 25 782-604 4 784-604 4 blue 25 blue 25 End and intermediate plate, 1.5 mm thick light gray 😉 782-992 🗿 50 light gray 🔂 784-992 6 25 782-317 100 (4x25) oranae 2-conductor ground terminal block 2-conductor ground terminal block green-yellow 782-607 25 green-yellow 784-607 25 Ex e/Ex i separator, orange, 🔵 green-yellow 🛭 **782-607/999-950 6** 50 green-yellow 🗟 **784-607/999-950 3** 25 3 mm thick 125.5 mm 209-192 50 (2x25) Other terminal blocks with the same profile: Other terminal blocks with the same profile: 782-613 Page 300 784-613 Test plug adapter, 8.3 mm wide, N-disconnect Potential 782-623 Page 300 Potential 784-623 Page 300 for terminal blocks 1.5 - 10 mm² for test plug 4 mm Ø **Item-Specific Accessories Item-Specific Accessories** 209-170 50 (2x25) Adjacent jumper, insulated, Adjacent jumper, insulated, Banana plug, In 41 A I_N 57 A 7. Ju for socket 4 mm Ø 282-402 100 (4x25) 284-402 100 (4x25) color mixed 282-422 100 (4x25) 284-422 100 (4x25) 50 yellow-green vellow-areen 215-111 Alternate jumper, insulated, Alternate jumper, insulated, Busbar carrier, I_N 41 A I_N 57 A with end stop function and detachable gray 282-409 100 (4x25) 284-409 50 (2x25) separator plate, for DIN 35 rail, Protective warning marker, Protective warning marker, 8 mm thick with high-voltage symbol, black, with high-voltage symbol, black, 777-305 25 blue for 5 terminal blocks for 5 terminal blocks yellow 282-415 100 (4x25) yellow 284-415 50 (2x25) B-type test plug module, WFB continuous marking strip, B-type test plug module, 1000 mm long can be snapped together, 7 can be snapped together, 8 mm wide 8 mm wide transparent 210-612 100 (4x25) 100 (4x25) 709-310 709-310 gray gray Carrier for WFB continuous marking strip, B-type spacer module, B-type spacer module, can be snapped together, to be snapped into the marker slot can be snapped together, 8 mm wide 8 mm wide 209-185 200 (8x25) da Ga 709-311 100 (4x25) 709-311 100 (4x25) gray TOPJOB® tool, specially designed blade, B-type spacer plate, suitable for all TOPJOB® terminal blocks can be snapped together, 777-310 2 mm wide 709-312 100 (4x25) gray Finger guard, Screwless end stop. for DIN 35 rail, touchproof cover protects unused conductor entries 6 mm wide yellow 284-400 100 (4x25) gray 249-116 100 (4x25) Screwless end stop, for DIN 35 rail. 10 mm wide 249-117 50 (2x25) gray



Through/Ground Conductor and Ex Terminal Blocks 16 mm² and 35 mm² 298 **784** and **785** Series

0.2 - 16 mm² AWG 24 - 6 6 - 35 mm² AWG 8 - 2 1000 V/8 kV/3 1 600 V, 65 A 1 1000 V/8 kV/3 1 600 V, 115 A N 600 V, 50 A@ 600 V, 125 A@ I_N 76 A I_N 125 A Terminal block width 12 mm / 0.472 in Terminal block width 16 mm / 0.63 in 16 - 17 mm / 0.65 in 2 23 mm / 0.91 in 2





- 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)

					,			(diso see Se	chon 14)		
	Item	No.	Pack. Unit		Item No	Pack. Unit		Accessorie)	
2-conductor t	hrough termi	nal block		2-conductor through terminal block					WMB/		
gray	783-	601	25	gray	785-601	15			(see Secti	on 13)	
blue	783-	604 🔞	25	o blue	785-604	3 15		Test plug ada	pter , 11.6 mm	wide,	
light gray (ⓑ 783 -	992 4	25					100	for 1.5 - 16 m	nm² terminal b	locks, for test
									plug 4 mm Ø		
2-conductor	ground termin	nal block		2-conductor g	round terminal b	lock		1	gray	283-404	25
green-yello	ow 783-	607	25	green-yellov	w 785-607	15		Banana plug,	,		
green-yello	w 🖾 783-	607/999-950	0 4 25	,				200	for socket 4 m	nm Ø,	
,		-							color mixed		
Other termin	al blocks with	the same pr	ofile:	Other termino	ıl blocks with the	same prof	ile:	7		215-111	50
N-disconnect	783-		Page 300	N-disconnect		Page 301		Busbar carrie	r,		
Potential	783-	623	Page 300	Potential		Page 301			-	function and	detachable
			. age ere			-			separator pla		
Item-Spec	itic Access	ories		Item-Speci	fic Accessori	es		ALB _U	for DIN 35 rd		
End and inter	rmediate plat	e. 1.5 mm thic	k	Adjacent jump	er, insulated				8 mm thick	,	
	orange	783-317	100 (4×25)	100	I _N 85 A				blue	777-305	2.5
	orange	, 55-517	100 (4,20)	=		285-435	50 (2x25)		5.00		2.
				III	gray		JO (ZXZJ)				
Adjacent jum	ner insulated			Protective wa	rning marker			WFB continuo	us markina st	rin	
Adjucem join	I _N 70 A			riolective wu	with high-voltage	aumbal bla	. ak	WI B Commod	1000 mm lon	• •	
16	gray	283-402	50 (2×25)	-	for 5 terminal blo		ick,		transparent	210-612	10
111	0 ,			- Carlot			EO (225)		iransparem	210-012	10
A la	yellow-greer		50 (2×25)	Firement	yellow 2	285-416	50 (2x25)	C	FD	and the second	
Alternate jum	•	,		Finger guard,				Carrier for W	FB continuous	•	
	I _N 76 A	202 400	EO 10, 051		touchproof cover		usea		to be snappe	d into the mar	
	gray	283-409	50 (2x25)	10	conductor entries	85-401	100	do to		209-185	200 (8x25)
Protective wa	arning marke	r.			70		.00	TOPJOB® too	L specially desi	aned blade.	
	•	ltage symbol, k	olack.							II TOPJOB® tei	minal blocks
	for 5 termino	- ,	,							777-310	
Salata Salata	yellow	283-415	50 (2×25)								
Finger guard		203 410	00 (ZAZO)					Screwless end	d stop.		
90010		cover protects i	unused					20.01000 0110	for DIN 35 rd	nil	
	conductor e							4000	6 mm wide	,	
	yellow	283-400	100 (4×25)							249-116	100 (4×25
0.0	yellow	203-400	100 (4x23)					Screwless end	gray	Z47-110	100 (4x23
								OCI 6 44 1633 6110	for DIN 35 rd	vil	
								-B+00.	10 mm wide	411,	
								. 1		249-117	50 1225
								3	gray	249-11/	50 (2x25

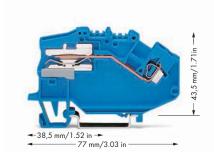
TOPJOB® Classic

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

0.08 - 2.5 mm² AWG 28 - 12 * 400 V/6 kV/3 **1** 600 V, 20 A**9** I_N 24 A I_N 32 A Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in 2

0.08 - 4 mm² AWG 28 - 12 400 V/6 kV/3 1 600 V, 20 A 71

Terminal block width 6 mm / 0.236 in 9 - 10 mm / 0.37 in 2





- 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	Accessorie		A # /FD	
1-conductor N-disco	onnect terminal	block	1-conductor	N-disconnect termina	block		WMB	,	
blue	780-613 🔞	50	blue	781-613 🔞	50		(see Sec		
						End and inter	mediate plat	e, 1.5 mm thick	(
			1-conductor	power distribution di	connect terminal		orange	780-317	100 (4x25
			block						
			gray	781-623 4	50	30			
						Busbar carrie	er,		
Other terminal bloc	ks with the sam	e profile:	Other termin	al blocks with the sar	ne profile:		not suitable	as end stop,	
Through	780-601 P	age 295	Through		Page 296		for DIN 35	rail,	
							1.5 mm thic	k	
							blue	780-321	100 (4x2
					1	Busbar carrie			
					K.			p function and	detachable
					43,5 mm/1.71in	N. J.	separator pl		
			20		رب درب		for DIN 35	rail,	
					43,		8 mm thick		
							blue	777-305	2
			47						
			→ 38,5 r	nm/1.52 in → 77 mm/3.03 in		Straight busb	C:1L 1:-		
				77 IIIII/ 3.03 III	_	Straight bush	10 x 3 mm,	i plating,	
					Pack.		10 x 3 mm,	ng.	
				Item No.	Unit		I _N 140 A	210-133	
			2	N-disconnect termina		Cover for N-k		210-133	
			blue	781-643 3	50	Cover for IN-E	transparent,		
			blue	781-043	30		1000 mm lo		
			2	power distribution dis				77-303	
			block	power distribution dis	sconnect terminal	Connector,		77-303	
			_	701 452 🕰	50	Connector,	for NI brook a	_	
			gray	781-653 4	50		for N-busba with blue co		
			Others	و بلفران و مام مام الما	f:l			,	
				al blocks with the sai			2.5 - 16 mm		100 /2 5
			Through	781-631	Page 296		blue	210-281	100 (2x5
						Connector,			
							for N-busba	r,	
							2.5 - 35 mm	12	
						LED	unplated	209-105	,
						Lock-out, snap	o-on type,		
								losing of slide l	ink
						1	orange	777-300	100 (4x2
						88			
						Step-down te			
								socket to 2 mm	
							red	210-297	100 (4x2
							100	210-277	100 (4/2

TOPJOB® Classic N-Conductor Disconnect and Power Distribution Disconnect Terminal Blocks 300 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 51 I_N 41 A

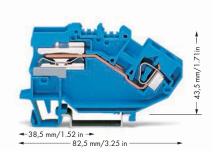
Terminal block width 8 mm / 0.315 in 12 - 13 mm / 0.49 in 3

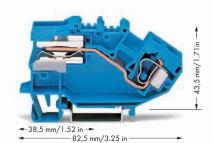
0.2 - 10 (16) mm² AWG 24 - 6 400 V/6 kV/3 2 I_N 57 A

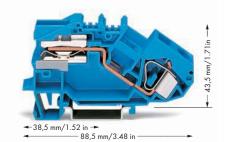
Terminal block width 10 mm / 0.394 in 12 - 13 mm / 0.49 in 3

0.2 - 16 mm² AWG 24 - 6 400 V/6 kV/3 **2** 600 V, 65 A**9** I_N 68 A

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







	Item No.	Pack. Unit			Item N	о.	Pack. Unit			Item	No.	Pack. Unit	
1-conductor N-disco	nnect termina	l block		1-conductor	N-disconnect ter	minal k	lock		1-conductor	N-disconnect t	erminal	block	
blue	782-613 4	25		blue	784-61	3 4	25		blue	783-	513 4	25	
1-conductor power distribution disconnect terminal				1-conductor	power distributi	on disc	onnect t	erminal	1-conductor	power distribu	ition dis	connect	terminal
block				block					block				
gray	782-623 ⑤	25		gray	784-62	3 6	25		gray	783-	523 😉	25	
Other terminal bloc	cs with the sar	ne profile:		Other termin	al blocks with th	e same	profile	:	Other terminal blocks with the same profile:				
Through 782-601 Page 297				Through 784-601 Page 297				Through 783-601 Page 298					
Item-Specific A	ccessories			Item-Specific Accessories					Item-Specific Accessories				
Busbar carrier,				Busbar carri	er,				Busbar carr	ier,			
not s	uitable as end st	op,			not suitable as	end stop	ο,			not suitable o	ıs end st	ор,	
for D	N 35 rail,				for DIN 35 rail	,				for DIN 35 r	ail,		
1.5 n	ım thick				1.5 mm thick					1.5 mm thick			
blue	782-	321 10	00 (4x25)		blue	782-3	21	100 (4x25)		blue	783-	321	100 (4x25)

Appropriate marking systems:

					ЛВ/WFB (se	ee Section 1						
Busbar carrie	er,			Connector,				WFB continu	ous marking s	trip,		
	with end stop	function and a	detachable	_	for N-busbar	,			1000 mm lo	ng		
	separator plat	te,			2.5 - 35 mm ²	2			transparent	210-612	10	
1711	for DIN 35 ra	il,			unplated	209-105	50					
	8 mm thick			Lock-out, snap	o-on type,			Carrier for V	/FB continuou	marking stri	ip,	
	blue	777-305	25		prevents recl	osing of slide li	nk		to be snappe	d into the mar	ker slot	
				-	orange	782-300	100 (4x25)	4.		209-185	200 (8×25)	
				6				da ba				
Straight busk	oar, Cu with tin p	olating,		Test plug,				TOPJOB® too	l, specially des	igned blade,		
	10 x 3 mm,				with 500 mm cable,				suitable for a	II TOPJOB® tei	rminal blocks	
	1000 mm lon	g			2.3 mm Ø					777-310	1	
	I _N 140 A	210-133	1		yellow	210-137	50	/				
Cover for N-	ousbar,			Step-down test plug,				Screwless er	ıd stop,			
	transparent,				from 4 mm s	ocket to 2 mm	plug		for DIN 35 r	ail,		
-	1000 mm lon	g			red	210-297	100 (4x25)	2710	6 mm wide			
1	77	7-303	1	0				-	gray	249-116	100 (4x25)	
Connector,				WMB Multi marking system,				Screwless end stop,				
-	for N-busbar,				10 strips with	n 10 markers p	er card,		for DIN 35 r	ail,		
104	with blue cove	er,			for terminal v	vidths 5 - 17.5	mm	NATE:	10 mm wide			
	2.5 - 16 mm ²			Bear	plain	793-501	5	-	gray	249-117	50 (2×25)	
	blue	210-281	100 (2x50)	WMB Multi n	narking syster	n,						
					10 strips with	n 10 markers p	er card,					
					stretchable 5	- 5.2 mm						
					plain	793-5501	5					

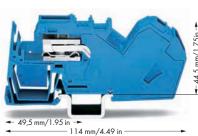
6 - 35 mm² AWG 8 - 2 400 V/6 kV/3 2

600 V, 125 A@ I_N 125 A

Terminal block width 16 mm / 0.63 in

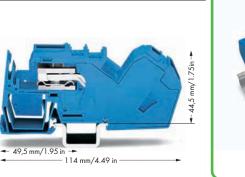
□23 mm / 0.91 in

3



Item No.

1-conductor N-disconnect terminal block



Pack.

Unit

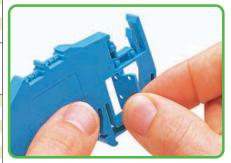


The new 35 mm²/AWG 2 terminal blocks are the latest addition to WAGO TOPJOB®, the professional range of rail-mounted terminal blocks for building installation. These terminal blocks, which include an end plate, are only 16 mm/0.63 in wide. Their compact design allows them to fit into standard distribution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

Furthermore, the N-busbar holder is integrated in the terminal block, making any separate holder redundant.

- 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.
- See bottom of column 5
- 6 See bottom of column 6

blue 785-613 4 1.5 1-conductor power distribution disconnect terminal block 785-623 **⑤** gray Other terminal blocks with the same profile: **785-601** Page 298 Through **Item-Specific Accessories** Busbar carrier, not suitable as end stop, for DIN 35 rail, 1.5 mm thick 783-321 100 (4x25)



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 Nconductor

WAGO N-disconnect terminal blocks meet this require-



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 on 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.

