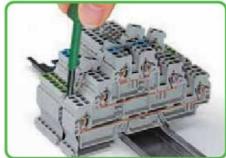
Compact Rail-Mounted Terminal Blocks for DIN 15 and DIN 35 Rails, 870 Series - Description and Handling -

Assembly



Snapping a rail-mount terminal block onto DIN carrier

Removal



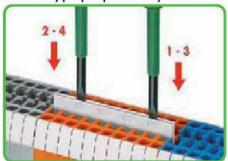
Removing a terminal block from the assembly.

Insulation stop



Inserting an insulation stop.

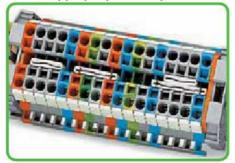
Push-in type jumper bar system



Push jumper bars down firmly until fully inserted. When using multipole bars, push alternately on right and then left side, until installed.

Push-in type jumper bars 1-3-5-7 or 1--4--7

Push-in type jumper bar system



Two parallel jumper receptacles are accommodated in

Testing



Testing is also possible using a pre-wired module assembly, similar to test plugs.

Protective warning marker



Protective warning markers (280-405), with black highvoltage symbols.



Commoning with step-down jumpers

Commoning terminal blocks of different sizes - step



CAGE CLAMP® clamps the following copper conductors:





fine-stranded, also with tinned single strand

• When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.

^{*} For aluminum conductors, see notes in Section 14.

CAGE CLAMP® connection



Terminating fine-stranded conductors ranging from 0.08 to 4 mm² (AWG 28 - 12).

CAGE CLAMP® connection



Multilevel terminal blocks



Double- and triple-deck terminal blocks with internal commoning acting as 4- and 6-conductor terminal blocks.

Testing



Testing with phase testing device, also possible with single-pole voltage tester.

Marking



Marking the clamping unit via WMB Multi marking system or miniature WSB Quick marking system.

Space saver



Save 50% of rail space when using double-deck terminal





Save 67% of rail space when using triple-deck terminal



fine-stranded, with ferrule (gastight crimped)

Marking Strips



Transparent marker strips (note: Jumpers below may be visible).



fine-stranded, with pin terminal (gastight crimped)





fine-stranded, tip bonded

Through/Ground Conductor and & Terminal Blocks 2.5 mm² (4 mm² "f-st") for DIN 35 and DIN 15 Rails 234 870 Series

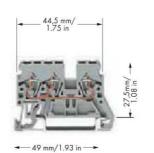
0.08 - 2.5 (4 "f-st")mm² AWG 28 - 12 IN 24 A

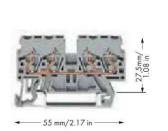
600 V, 5 A. FLL us

300 V, 20 A. 94 us

0.08 - 2.5 (4 "f-st")mm² AWG 28 - 12 0.08 - 2.5 (4 "f-st")mm2 AWG 28 - 12 500 V/6 kV/3 2 300 V, 20 A. TAL 500 V/6 kV/3 2 300 V, 20 A. 94 us 500 V/6 kV/3 2 600 V, 5 A. A. S. us 600 V, 5 A. This In 24 A In 24 A Terminal block width 5 mm / 0.197 in Terminal block width 5 mm / 0.197 in Terminal block width 5 mm / 0.197 in 6-7 mm / 0.26 in 3 6-7 mm / 0.26 in 3 6-7 mm / 0.26 in 3







	Item No.	6	Pack. Unit		Item N	o. Pack Unit			Item No.	Pack. Unit	
2-conductor through terminal block,			3-conductor through terminal block,			4-conductor through terminal block,					
for DIN 35 rai	I			for DIN 35 ra	il			for DIN 35 rail			
gray	870-901		100	gray	870-68	1 0 100		gray	870-831	0 100	
blue	870-904	4	100	blue	870-68	4 🔵 🐠 100		blue	870-834	4 100	
orange	870-902		100	orange	870-68	2 0 100		orange	870-832	0 100	
light gray 😉	870-909	0	100								
2	ground termina	el bla els		2 candustan	ground termi	ما اماماد		4-conductor gro		ما ما ما	
for DIN 35 rai	5	ii biock,		for DIN 35 ra	\overline{OR}	nai biock,		for DIN 35 rail,	ona termina	ii biock,	
	ı, ound conductor	بادعادا استنسمه			0.00	or terminal bloc	li annuat ha	Notice: This grou		بام ما ما ام من مسمع	
	th push-in type ju		cullior be	ŭ	ith push-in type		k callion be	commoned with p			cumor be
green-yellow	870-907	imper bars.	100	green-yellow	870-68	SECTION SECTION SECTIONS		green-yellow	870-837	STATE THE STATE OF	
green-yellow @		/999-950 🕕		green-yellow	870-88	7 100		green-yellow	070-037	100	
green-yellow &	3/0-70//	777-730	9 100								
								Other terminal	blocks with t	he same pro	file
								Omer terminar	DIOCKS WIIII	ne same pro	
								Double-potential	870-826	Page 235	
*	ific Accesso			•	ific Acces			Item-Specifi	c Accesso	ries	
*	rmediate plate	, 2 mm thick	100 (4.25)	•	rmediate pla	te, 1 mm thick	100 (4.05)	Item-Specifi	c Accesso	ries	
*	rmediate plate orange	, 2 mm thick 870-924	100 (4×25)	•	rmediate pla orange	te, 1 mm thick 870-934	100 (4×25)	Item-Specifi	c Accesso ediate plate, orange	ries 1 mm thick 870-944	100 (4×25
*	rmediate plate orange gray	, 2 mm thick 870-924 870-923	100 (4x25)	•	rmediate pla	te, 1 mm thick	100 (4×25) 100 (4×25)	Item-Specifi	c Accesso	ries	100 (4×25
End and inter	orange gray light gray	, 2 mm thick 870-924 870-923 870-925		End and inte	orange gray	870-934 870-933	A CONTRACTOR OF THE PARTY OF TH	Item-Specifi	c Accesso ediate plate, orange gray	1 mm thick 870-944 870-943	100 (4×25
End and inter	orange gray light gray versized, 2 mm t	, 2 mm thick 870-924 870-923 870-925 hick	100 (4×25) 100 (4×25)	End and inte	orange gray	870-934 870-933 1 thick	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray	1 mm thick 870-944 870-943	100 (4×25
End and inter	orange gray light gray versized, 2 mm t	, 2 mm thick 870-924 870-923 870-925 hick 870-929	100 (4×25) 100 (4×25) 100 (4×25)	End and inte	orange gray versized, 1 mm orange	870-934 870-933 h thick 870-947	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray sized, 1 mm thorange	1 mm thick 870-944 870-943 nick 870-949	100 (4×25 100 (4×25
End and inter	orange gray light gray versized, 2 mm t	, 2 mm thick 870-924 870-923 870-925 hick	100 (4×25) 100 (4×25)	End and inte	orange gray	870-934 870-933 1 thick	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray	1 mm thick 870-944 870-943	100 (4×25 100 (4×25
End and inter	orange gray light gray versized, 2 mm t	, 2 mm thick 870-924 870-923 870-925 hick 870-929 870-928	100 (4×25) 100 (4×25) 100 (4×25)	End and inte	orange gray versized, 1 mm orange	870-934 870-933 h thick 870-947	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray sized, 1 mm thorange	1 mm thick 870-944 870-943 nick 870-949	100 (4×25 100 (4×25
End and inter	orange gray light gray versized, 2 mm torange gray mediate plate	, 2 mm thick 870-924 870-923 870-925 hick 870-929 870-928	100 (4×25) 100 (4×25) 100 (4×25) 100 (4×25)	End and inte	orange gray versized, 1 mm orange	870-934 870-933 h thick 870-947	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray sized, 1 mm thorange	1 mm thick 870-944 870-943 nick 870-949	100 (4×25 100 (4×25
End and inter	orange gray light gray versized, 2 mm torange gray mediate plate	, 2 mm thick 870-924 870-923 870-925 hick 870-929 870-928 , 2 mm thick, or ground conc	100 (4×25) 100 (4×25) 100 (4×25) 100 (4×25)	End and inte	orange gray versized, 1 mm orange	870-934 870-933 h thick 870-947	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray sized, 1 mm thorange	1 mm thick 870-944 870-943 nick 870-949	100 (4×25 100 (4×25
Separator, ov	orange gray light gray versized, 2 mm torange gray rmediate plate for 2-conductor	, 2 mm thick 870-924 870-923 870-925 hick 870-929 870-928 , 2 mm thick, or ground cond	100 (4×25) 100 (4×25) 100 (4×25) 100 (4×25)	End and inte	orange gray versized, 1 mm orange	870-934 870-933 h thick 870-947	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray sized, 1 mm thorange	1 mm thick 870-944 870-943 nick 870-949	100 (4×25 100 (4×25
Separator, or	rmediate plate orange gray light gray versized, 2 mm t orange gray rmediate plate for 2-conducte terminal block	, 2 mm thick 870-924 870-923 870-925 hick 870-929 870-928 , 2 mm thick, or ground conducts only 870-926	100 (4×25) 100 (4×25) 100 (4×25) 100 (4×25) luctor Ex	End and inte	orange gray versized, 1 mm orange	870-934 870-933 h thick 870-947	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray sized, 1 mm thorange	1 mm thick 870-944 870-943 nick 870-949	100 (4×25 100 (4×25
Separator, or	rmediate plate orange gray light gray versized, 2 mm t orange gray rmediate plate for 2-conducte terminal block green-yellow	, 2 mm thick 870-924 870-923 870-925 hick 870-929 870-928 , 2 mm thick, or ground conducts only 870-926	100 (4×25) 100 (4×25) 100 (4×25) 100 (4×25) luctor Ex	End and inte	orange gray versized, 1 mm orange	870-934 870-933 h thick 870-947	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray sized, 1 mm thorange	1 mm thick 870-944 870-943 nick 870-949	100 (4×25 100 (4×25
Separator, or	orange gray light gray versized, 2 mm t orange gray rmediate plate for 2-conduct terminal block green-yellow carafor, orange	, 2 mm thick 870-924 870-923 870-925 hick 870-929 870-928 , 2 mm thick, or ground conducts only 870-926	100 (4×25) 100 (4×25) 100 (4×25) 100 (4×25) luctor Ex	End and inte	orange gray versized, 1 mm orange	870-934 870-933 h thick 870-947	100 (4×25)	Item-Specifi End and interm	c Accesso ediate plate, orange gray sized, 1 mm thorange	1 mm thick 870-944 870-943 nick 870-949	100 (4×25 100 (4×25 100 (4×25 100 (4×25

870 Series Accessories

Appropriate marking system: WMB/Mini-WSB (see Section 13)

Insulation st	op,			Push-in type	jumper bar, ir	nsulated,		Push-in type j	<mark>umper bar,</mark> ir	isulated,	
6	5 pcs/strip,				I _N 18 A,				I _N 18 A,		
44000	0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st")		1000	light gray			STREET,	light gray			
	white	280-470	200 (8×25)	1111	2-way	870-402	200 (8×25)	-	1 - 3	870-433	200 (8×25)
Insulation st	op,				3-way	870-403	200 (8×25)		1 - 4	870-434	200 (8×25)
6	5 pcs/strip,				4-way	870-404	200 (8×25)		1 - 5	870-435	100 (4×25)
AGREE A	0.25 - 0.5 m	m²			5-way	870-405	100 (4×25)		1-6	870-436	100 (4×25)
	light gray	280-471	200 (8×25)		6-way	870-406	100 (4x25)		1 - 7	870-437	100 (4×25)
Insulation st	op,				7-way	870-407	100 (4×25)		1 - 8	870-438	100 (4×25)
6	5 pcs/strip,				8-way	870-408	100 (4x25)		1 - 9	870-439	100 (4×25)
and the	0.75 - 1 mm	2			9-way	870-409	100 (4x25)		1 - 10	870-440	100 (4×25)
	dark gray	280-472	200 (8×25)		10-way	870-410	100 (4×25)				

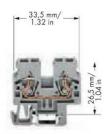
0.08 - 2.5 (4 "f-st")mm2 AWG 28 - 12

500 V/6 kV/3 2 IN 24 A

300 V, 20 A. 94 us 600 V, 5 A. A. S.

Terminal block width 5 mm / 0.197 in

6-7 mm / 0.26 in 3



- 34.5 mm/1.36 in ►

870-911 870-914 0 4 100

870-919 6 100

870-912

Notice: This ground conductor terminal block cannot be

870-917

Item No.

2-conductor through terminal block,

2-conductor ground terminal block,

commoned with push-in type jumper bars.

for DIN 15 rail gray

blue

orange

light gray 😉

for DIN 15 rail,

green-yellow

Pack

Unit

100



Assembly:

Snap individual terminal blocks onto DIN 15 carrier rail and slide together.

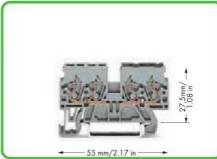
Removal:

Open assembly by laterally sliding terminal blocks with an operating tool and remove them from the rail.

- 1 Max. insulation diameter: 4.4 mm
- 2 500 V = rated voltage 6 kV = rated surge voltage 3 = pollution degree (also see Section 14)
- 3 Strip length, see packaging or instructions.
- Suitable for Ex i applications
- 5 Suitable for Ex e II applications 0.2 mm² - 2.5 (4 "f-st") mm²/AWG 24 - 12 440 V, 22 A

Using push-in type jumper bars 1 to X, the maximum rated voltage is reduced to 275 V and the rated current to 13.5 A (also see Section 14)

6 See application notes for: Insulation stop, page 159 Tap-off module, page 241

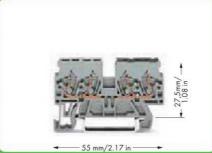


Double-potential terminal block

with integrated marking position. gray 870-826 Packing unit: 100 pcs 870-826

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

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



Protective warning markers inserted into the operating

Item-Specific Accessories

End and int	ermediate plat	e, 2 mm thick	
	orange	870-924	100 (4x25)
	gray	870-923	100 (4x25)
_	light gray	870-925	100 (4x25)
Separator,	oversized, 2 mm	thick	
	orange	870-929	100 (4x25)
	gray	870-928	100 (4×25)



Miniature WSB or WMB markers provide marking directly on terminal block

WAGO front-entry double-potential terminal blocks are space savers

Two independent feedthrough circuits are placed in one insulated housing on one level in just 5 mm/0.197 in. This achieves a width of just 2.5 mm/0.098 in is achieved versus standard through terminal blocks for a total height of only $27.5 \, \text{mm}/1.08$ in from the upper edge of the carrier rail

Input and output contacts of one circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.



In order to meet creepage and clearance requirements for Ex e applications, it is necessary to insert an end or intermediate plate between a through and a ground conductor terminal block.

End plates 870-923 (gray), 870-924 (orange) and 870-925 (light gray), as well as separator plates 870-928 (gray) and 870-929 (orange) cannot be assembled to 870-907/999-950 2-conductor ground Ex terminal blocks.

Protective warning marker,



with high-voltage symbol, black, for 5 terminal blocks 280-405

yellow 100 (4x25) Tap-off module with anti-reverse mating protection,



can be snapped together, 5 mm wide 870-425 100 (4×25)

Miniature WSB Quick marking system,



10 strips with 10 markers per card, 5 mm wide markers

248-501 plain

MAGO

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Double-Deck Terminal Blocks 2.5 mm² (4 mm² "f-st") 870 Series



0.08 - 2.5 (4 "f-st")mm2 AWG 28 - 12 500 V/6 kV/3 2

IN 24 A

300 V, 20 A. TAL us

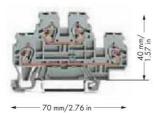
600 V, 5 A. A. Is

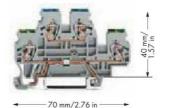
0.08 - 2.5 (4 "f-st")mm2 AWG 28 - 12 500 V/6 kV/3 2 IN 24 A

Terminal block width 5 mm / 0.197 in 6-7 mm / 0.26 in 3

Terminal block width 5 mm / 0.197 in

6-7 mm / 0.26 in 6





1 Max. insulation diameter: 4.4 mm

2 500 V = rated voltage 6 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 - 2.5 (4 "f-st") mm²/AWG 24 - 12 440 V, 18 A

Using push-in type jumper bars 1 to X, the maximum rated voltage is reduced to 275 V and the rated current to 13.5 A (also see Section 14)

6 See application notes for: Insulation stop, page 159

	Item No.	Pack. Unit		Item No.	Pack Unit
Through/thr	ough terminal block,		Ground cone	ductor/through terminal	block,
housing color	: gray		housing color:	gray :	
L/L	870-501	50	PE/N	870-517	50
N/L	870-502	50	PE/L	870-527	50
L/N	870-503	50			
Through/thr	ough terminal block,				
housing color	: blue				
N/N	870-504 🔵 🐠	50			
Through/thr	ough terminal block,		Ground cone	ductor/through terminal	block,
housing color	: light gray		housing color:	: light gray	
L/L ®	870-961 🔘 🜀	50	PE/L ©	870-967/999-950	6 50
Other termin	nal blocks with the san	ne profile:			
Diode	870-540/281-4	10 Page 246			
LED	870-543/281-43	and the second s			

	Accessorie	5		
	1	WMB/Mir	niature WSB	
	End and interr	nediate pla	te, 2 mm thick	
I		orange	870-519	100 (4×25
ı	and the same of	gray	870-518	100 (4×25

Ex e/Ex i sep	arator, orange	,	
	3 mm thick		
	125.5 mm	209-192	50 (2×25

Insulation	stop,						
6	5 pcs/strip	5 pcs/strip,					
4,000	0.08 - 0.2	0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st")					
	white	280-470	200 (8×25				
Insulation	stop,						
6	5 pcs/strip	o,					
	0.25 0.5	2					

0.75 - 1 mm²

dark gray Push-in type jumper bar, insulated, IN 18 A, light gray

2-way

3-way

4-way



light gray 280-471 200 (8×25) 5 pcs/strip,

280-472

870-402

870-403

870-404

870-405

280-405

200 (8×25)

200 (8×25)

200 (8×25)

200 (8×25)

100 (4x25)

100 (4x25)





		6-way 870-406 100 (4×25)
70 mm/2.76 in — ►	→ 70 mm/2.76 in →	7-way 870-407 100 (4×25)
		8-way 870-408 100 (4×25)
ltem No.	ltem No.	9-way 870-409 100 (4×25)
Unit	Unit	10-way 870-410 100 (4×25)
4-conductor through terminal block, internal	4-conductor ground terminal block, internal	Push-in type jumper bar, insulated,
commoning, conductor entry position colored in violet,	commoning,	I _N 18 A,
housing color: gray	housing color: green-yellow	light gray
L 870-508 50	PE 870-507 0 50	1 - 3 870-433 200 (8×25)
		1 - 4 870-434 200 (8×25)
4-conductor through terminal block, internal		1 - 5 870-435 100 (4×25)
commoning, conductor entry position colored in violet,		1 - 6 870-436 100 (4×25)
housing color: blue		1 - 7 870-437 100 (4×25)
N 870-509 4 50		1 - 8 870-438 100 (4×25)
		1 - 9 870-439 100 (4×25)
		1 - 10 870-440 100 (4×25)
		Protective warning marker,
		with high-voltage symbol, black,
		for 5 terminal blocks

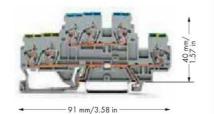
CAGE CLAMP®

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3-Conductor Double-Deck Terminal Blocks 2.5 mm² (4 mm² "f-st") 870 Series

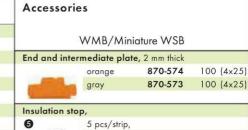






- 1 Max. insulation diameter: 4.4 mm
- 2 500 V = rated voltage 6 kV = rated surge voltage 3 = pollution degree (also see Section 14)
- 3 Strip length, see packaging or instructions.
- 4 Suitable for Ex i applications
- See application notes for: Insulation stop, page 159

	Item No.	Pack. Unit		Item No.	Pack. Unit	
Through/th	hrough terminal bloc	k,	Ground cor	ductor/through tern	ninal block,	
housing cold	or: gray		housing colo	r: gray		
L/L	870-531	50	PE/N	870-535	50	
N/L	870-532	50	PE/L	870-536	50	
L/N	870-533	50				
Through/th	hrough terminal bloc	k,				
housing cold	or: blue					
N/N	870-534 🔵	4 50				





| Insulation stop, | 5 pcs/strip, | 0.25 - 0.5 mm²

white

light gray 280-471 200 (8×25)

280-470

200 (8×25)

0.08 - 0.2 mm2 "s" (0.14 mm2 "f-st")



5 pcs/strip, 0.75 - 1 mm²

dark gray 280-472 200 (8×25)
Push-in type jumper bar, insulated,

I _N 18 A,		
light gray		
2-way	870-402	200 (8×25)
3-way	870-403	200 (8×25)
4-way	870-404	200 (8×25)
5-way	870-405	100 (4x25)
6-way	870-406	100 (4×25)
7-way	870-407	100 (4x25)
8-way	870-408	100 (4×25)
9-way	870-409	100 (4×25)
10-way	870-410	100 (4×25)
	light gray 2-way 3-way 4-way 5-way 6-way 7-way 8-way 9-way	light gray 2-way 870-402 3-way 870-403 4-way 870-404 5-way 870-405 6-way 870-406 7-way 870-407 8-way 870-408 9-way 870-409

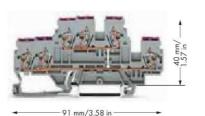
	0-way	070-400	100 (4823)
	9-way	870-409	100 (4×25)
	10-way	870-410	100 (4×25)
Push-in type j	umper bar, ir	isulated,	
	I _N 18 A,		
CHILLET	light gray		
	1 - 3	870-433	200 (8×25)
	1 - 4	870-434	200 (8×25)
	1 - 5	870-435	100 (4×25)
	1-6	870-436	100 (4×25)
	1 - 7	870-437	100 (4×25)
	1 - 8	870-438	100 (4×25)
	1 - 9	870-439	100 (4×25)
	1 - 10	870-440	100 (4×25)

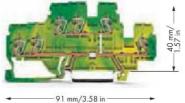
Protective wo	ırning marker,
	with high-volta
	MEDICAL STATE OF SAME

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

yellow 280-405 100 (4x25)

Marking strip, plain,
7.5 mm wide,
1 m/3'3" long
translucent 709-196 10





	Item No.	Pack.		Item No.	Pack.	
	nem ivo.	Unit		nem 140.	Unit	
6-conduct	or through terminal blo	ock, internal	6-conduct	or ground terminal bl	ock, internal	
commoning	g, conductor entry positio	n colored in violet,	commoning	3,		
housing co	lor: gray		housing co	lor: green-yellow		
L	870-538	50	PE	870-537 🔴	50	
6-conduct	or through terminal blo	ock, internal				
commoning	g, conductor entry positio	n colored in violet,				
housing co	lor: blue					
N	870-539 🔵 🤇	50				
						100

Triple-Deck Terminal Blocks 2.5 mm² (4 mm² "f-st") 870 Series



238

0.08 - 2.5 (4 "f-st")mm2 AWG 28 - 12 500 V/6 kV/3 2 300 V, 20 A. TAL us IN 24 A 600 V, 5 A. This

Terminal block width 5 mm / 0.197 in 6-7 mm / 0.26 in 6

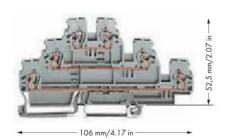
0.08 - 2.5 (4 "f-st")mm2 AWG 28 - 12

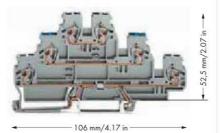
500 V/6 kV/3 2 In 24 A

300 V, 20 A. 94 us 600 V, 5 A. FLL us

Terminal block width 5 mm / 0.197 in

6-7 mm / 0.26 in 6





1 Max. insulation diameter: 4.4 mm

2 500 V = rated voltage 6 kV = rated surge voltage 3 = pollution degree (also see Section 14)

3 Strip length, see packaging or instructions.

Suitable for Ex e II applications 0.2 mm² - 2.5 (4 "f-st") mm²/AWG 24 - 12 440 V, 18 A

Using push-in type jumper bars 1 to X, the maximum rated voltage is reduced to 275 V and the rated current to 13.5 A $\,$ (also see Section 14)

See application notes for: Insulation stop, page 159

	Item No.	Pack. Unit		Item No.	Pack. Unit	
Through/thi	rough/through terminal	block,	Shield/throug	h/through terminal blo	ock,	l
housing color	r: gray		housing color:	gray		
L/L/L	870-551	50	Shield/N/L	870-558	50	Γ
L/L/N	870-553 🔘	50	Shield/L/L	870-559 🔘	50	
			Ground cond	uctor/through/through	terminal block,	
			housing color:	gray		
			PE/N/L	870-567	50	
			PE/L/L	870-577	50	
	CALLES SALES NAME OF					L
Through/thi	rough/through terminal	l block,	Ground cond	uctor/through/through	terminal block,	
housing color	r: light gray		housing color:	0 0 ,		
L/L/L 🖾	870-951 🔘 🚳	50	PE/L/L	870-957/999-950	4 50	
						L
Other termi	nal blocks with the sam	e profile:				ı
Diode	870-590/281-41	0 Page 248				
LED	870-593/281-43	4 Page 249				
						ı

Accessor	rios		
Accessor	1103		
	WMB/Mir	niature WSB	
End and int	ermediate pla	te, 2 mm thick	
-	orange	870-569	50 (2×25

Inculation sta			
	gray	870-568	50 (2×25
200.00	ordrige	0,0-30,	30 (ZXZ3

5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st")		white	280-470	200 (8×2
5 pcs/strip,	William	0.08 - 0.2	mm ² "s" (0.14 m	m² "f-st")
	6	5 pcs/strip	,	

insulation st	op,		
6	5 pcs/strip,		
45666	0.25 - 0.5 m	m²	
	light gray	280-471	200 (8×25
Insulation st	op,		
6	5 pcs/strip,		

	Push-in type	jumper bar, in	sulated,	
	382	dark gray	280-472	200 (8×2
	and a	0.75 - 1 mm	2	
	6	5 pcs/strip,		
ч				

/				Ā
	7-5	Ac		.07 in
//- - -				. 52,5 mm/2.07 in
	VI.	7	115-16	52
	_	/4.17 in —		

	Total I	I _N 18 A,		
	100	light gray		
	THE	2-way	870-402	200 (8×25)
150		3-way	870-403	200 (8×25)
, E		4-way	870-404	200 (8×25)
52,5 mm/2.07		5-way	870-405	100 (4×25)
Yuu Yuu		6-way	870-406	100 (4×25)
2,5		7-way	870-407	100 (4×25)
2		8-way	870-408	100 (4×25)
		9-way	870-409	100 (4×25)
		10-way	870-410	100 (4×25)
o mm/4.17 in ──►	Push-in type	jumper bar, ir	nsulated,	

		10-way 870-410 100 (4x25)
■ 106 mm/4.17 in ■	→ 106 mm/4.17 in →	Push-in type jumper bar, insulated,
		I _N 18 A,
ltem No.	Item No.	light gray
Unit	Unit	1 - 3 870-433 200 (8×25)
6-conductor through terminal block, internal	6-conductor ground terminal block, internal	1 - 4 870-434 200 (8×25)
commoning, conductor entry position colored in violet,	commoning,	1 - 5 870-435 100 (4×25)
housing color: gray	housing color: green-yellow	1 - 6 870-436 100 (4×25)
L 870-556 50	PE 870-557 50	1 - 7 870-437 100 (4×25)
		1 - 8 870-438 100 (4×25)
		1 - 9 870-439 100 (4×25)
		1 - 10 870-440 100 (4×25)
		Protective warning marker,
		with high-voltage symbol, black,
		for 5 terminal blocks
		yellow 280-405 100 (4x25)
		Marking strip, plain,
		7.5 mm wide,
		1 m/3'3" long
		translucent 709-196 10

CAGE CLAMP®

Group marker carrier



Group Marker Carriers

beau M	Pack.
Item No.	Unit

Group marker carrier,

fits into terminal block jumper slots,

module width 5 mm 870-184

50 (2×25)

Group marker carrier,

fits into terminal block jumper slots,

module width 10 mm

870-183 50 (2×25)

Group marker carrier,

fits into terminal block jumper slots,

module width 15 mm

870-182 gray 50 (2x25)



In addition to the plastic marker strips, group marker carriers are now available for the WMB and WSB marking systems. They can be mounted parallel to a push-in type jumper bar via open jumper contact slot. It assists with viewing marker slots on the side of the terminal block. Group marker carriers are available in 5 mm/0.197 in, 10 mm/0.394 in and 15 mm/0.591 in widths.

Marker carriers are not suitable for ground conductor ter-minal blocks and double-potential terminal blocks as they have no jumper contact slots.



Tap-Off Modules, 870 Series - Description and Handling -

CAGE CLAMP

240 Assembly



Snapping together tap-off and spacer modules to create a module assembly (max. 10 poles).



Module assembly with CAGE CLAMP® connections (0.25 mm² - 2.5 mm²/AWG 24 - 14), including strain relief plate and marker slots for miniature WSB or WMB



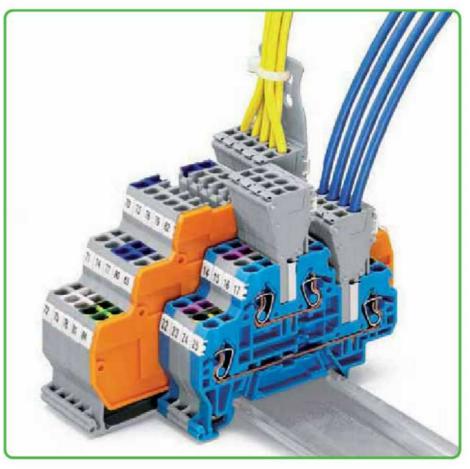
The module assembly can be directly inserted into jumper contact slots of the terminal blocks. The terminal blocks can also be commoned via push-in type jumper bars parallel to the jumper slots being used by the modules.

CAGE CLAMP® connection



Tap-off modules are used when additional or removable connections are required (can be used as a permanent connection or a test plug).

Wiring is possible whether the modules are plugged into the assembly or not.



Anti-reverse mating protection



Using anti-reverse mating modules at both ends of a module assembly prevents reverse mating.



Three anti-reverse mating modules are necessary when snapping more than 7 modules together.



Testing



Testing is also possible using a pre-wired module assembly, similar to test plugs.



fine-stranded, also with tinned single strand

CAGE CLAMP®

Tap-Off Modules 870 Series

Module width 5 mm / 0.197 in

10 mm / 0.38 in 2

Module width 5 mm / 0.197 in 10 mm / 0.38 in ②

AWG 22 - 14





1 500 V = rated voltage 6 kV = rated surge voltage 3 = pollution degree (also see Section 14)

2 Strip length, see packaging or instructions.

For additional wire connections, as well as serial testing on terminal block assemblies, WAGO has developed special tap-off modules.

The tap-off modules readily adapt to terminal block assemblies using spacer modules, if necessary (see left). It is possible to connect the modules is performed directly in the jumper contact positions of the terminal blocks to be tested/tapped, even though a push-in type jumper bar is already being used.

	Item No.	Pack. Unit		Item No.	Pack. Unit
Tap-off mo	dule with CAGE CLA	MP® and with anti-	Tap-off mod	dule with CAGE CLA	MP®,
reverse ma	iting protection,		can be snap	ped together,	
can be snap	ped together, suitable f	or 870 Series terminal	module width	h 5 mm	
blocks with j	umper slots,				
module widt	rh 5 mm				
gray	870-425	100 (4×25)	gray	870-426	100 (4×25)
			Spacer mod	dule,	
			can be snap	ped together e.g., for l	oridging commoned
			terminal bloc	cks,	
			module width	h 5 mm	
			gray	870-427	100 (4×25)

Accessories

Miniature WS	B Quick marki	ng system,		
III-		10 markers per card,		
COLUMN TO SERVICE STATE OF THE	5 mm wide markers			
Miller	plain	248-501		5
WMB Multi m	arking system,			
	10 strips with		er card	,
	stretchable 5 - 5.2 mm			
Miller	plain	793-5501		5
WMB Multi m	arking system,			
10 strips with 10 markers per card,				
-callenn	for 5 - 17.5 mm width			
Blan	plain	793-501		5
Strain relief plate, gray				
28	6 mm wide	734-327	100	(4×25)
	12.5 mm wide	734-328	100	(4x25)
	25 mm wide	734-329	100	(4×25)
	35 mm wide	734-326	100	(4x25)

