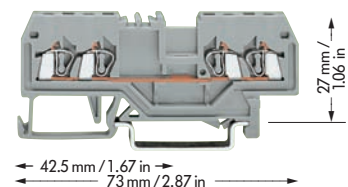
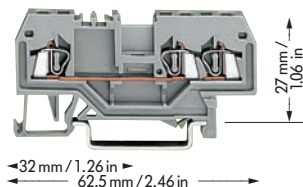
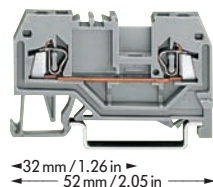


Through/Ground (Earth) Conductor/Shield (Screen) and Terminal Blocks 1.5 mm² / AWG 16, Series 279

0.08 – 1.5 mm ² 800 V/8 kV/3 Ⓢ 18 A	AWG 28 – 16 600 V, 10 A Ⓢ 600 V, 10 A Ⓢ	0.08 – 1.5 mm ² 800 V/8 kV/3 Ⓢ 18 A	AWG 28 – 16 600 V, 10 A Ⓢ 600 V, 10 A Ⓢ	0.08 – 1.5 mm ² 800 V/8 kV/3 Ⓢ 18 A	AWG 28 – 16 600 V, 10 A Ⓢ 600 V, 10 A Ⓢ
Terminal block width 4 mm / 0.157 in 8 – 9 mm / 0.33 in		Terminal block width 4 mm / 0.157 in 8 – 9 mm / 0.33 in		Terminal block width 4 mm / 0.157 in 8 – 9 mm / 0.33 in	
* Ⓢ Ⓢ KESH CCAIKESH Ⓢ Ⓢ Ⓢ GL BV LR NV Ⓢ Ⓢ		* Ⓢ Ⓢ KESH CCAIKESH Ⓢ Ⓢ Ⓢ GL BV LR NV Ⓢ Ⓢ		* Ⓢ Ⓢ KESH CCAIKESH Ⓢ Ⓢ Ⓢ GL BV LR NV Ⓢ Ⓢ	



Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs			
2-conductor through terminal blocks			3-conductor through terminal blocks			4-conductor through terminal blocks		
grey	279-901	100	grey	279-681	100	grey	279-831	100
blue	279-904	100	blue	279-684	100	blue	279-834	100
orange	279-902	100	orange	279-682	100	orange	279-832	100
red	279-903	100	red	279-683	100	red	279-833	100
black	279-905	100	black	279-685	100	black	279-835	100
yellow	279-906	100	yellow	279-686	100	yellow	279-836	100
light grey Ⓢ	279-992	100	light grey Ⓢ	279-993	100	light grey Ⓢ	279-994	100
2-conductor ground (earth) terminal blocks			3-conductor ground (earth) terminal blocks			4-conductor ground (earth) terminal blocks		
green-yellow	279-907	100	green-yellow	279-687	100	green-yellow	279-837	100
green-yellow Ⓢ	279-907/999-950	100	green-yellow Ⓢ	279-687/999-950	100	green-yellow Ⓢ	279-837/999-950	100
Other terminal blocks with the same shape			Other terminal blocks with the same shape			Other terminal blocks with the same shape		
diode	279-915/...-...	page 7.56	diode	279-673/...-...	page 7.56	double potential	279-826	page 2.9
			LED	279-674/...-...	page 7.60	diode	279-815/...-...	page 7.56
						LED	279-809/...-...	page 7.60

Accessories Series 279

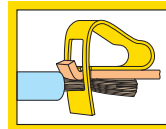
Appropriate marking system **WMB/WSB/WFB** (see section 14)

End and intermediate plate, 2 mm / 0.079 in thick	End and intermediate plate, 2 mm / 0.079 in thick	End and intermediate plate, 2 mm / 0.079 in thick
orange 279-328 100 (4 x 25) grey 279-325 100 (4 x 25) light grey 279-330 100 (4 x 25)	orange 279-339 100 (4 x 25) grey 279-308 100 (4 x 25) light grey 279-341 100 (4 x 25)	orange 279-346 100 (4 x 25) grey 279-344 100 (4 x 25) light grey 279-348 100 (4 x 25)
Separator, oversized, 2 mm / 0.079 in thick	Separator, oversized, 2 mm / 0.079 in thick	Separator, oversized, 2 mm / 0.079 in thick
orange 279-329 100 (4 x 25) grey 279-326 100 (4 x 25) light grey 279-331 100 (4 x 25)	orange 279-340 100 (4 x 25) grey 279-309 100 (4 x 25) light grey 279-342 100 (4 x 25)	orange 279-347 100 (4 x 25) grey 279-345 100 (4 x 25) light grey 279-349 100 (4 x 25)
Insulation stop Ⓢ, 5 pcs/strip	Insulation stop Ⓢ, 5 pcs/strip	Insulation stop Ⓢ, 5 pcs/strip
white 279-470 200 strips dark grey 279-471 200 strips	white 279-470 200 strips dark grey 279-471 200 strips	white 279-470 200 strips dark grey 279-471 200 strips
Adjacent jumper, insulated, I_N 15 A	Adjacent jumper, insulated, I_N 15 A	Adjacent jumper, insulated, I_N 15 A
grey 279-402 200 (8 x 25) yell.-green 279-422 200 (8 x 25)	grey 279-402 200 (8 x 25) yell.-green 279-422 200 (8 x 25)	grey 279-402 200 (8 x 25) yell.-green 279-422 200 (8 x 25)
Alternate jumper, insulated, I_N 15 A	Alternate jumper, insulated, I_N 15 A	Alternate jumper, insulated, I_N 15 A
grey 279-409 100 (4 x 25)	grey 279-409 100 (4 x 25)	grey 279-409 100 (4 x 25)
Push-in type wire jumper Ⓢ, insulated, I_N 9 A	Push-in type wire jumper Ⓢ, insulated, I_N 9 A	Push-in type wire jumper Ⓢ, insulated, I_N 9 A
L = 60 mm 249-125 10 L = 110 mm 249-126 10 L = 250 mm 249-127 10	L = 60 mm 249-125 10 L = 110 mm 249-126 10 L = 250 mm 249-127 10	L = 60 mm 249-125 10 L = 110 mm 249-126 10 L = 250 mm 249-127 10
Protective warning marker, comp type jumper bar, test plug adapter, etc. (see right page)	Protective warning marker, comp type jumper bar, test plug adapter, etc. (see right page)	Protective warning marker, comp type jumper bar, test plug adapter, etc. (see right page)

* For further approvals with corresponding ratings see section 15.

Double Potential Terminal Blocks

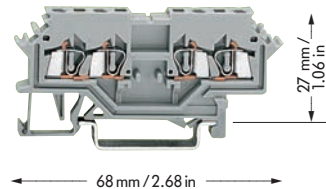
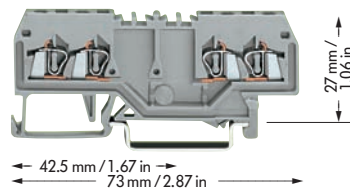
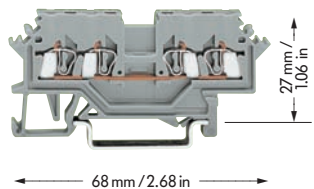
1.5 mm² / AWG 16, Series 279



2
9

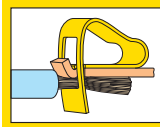
2

<p>0.08 – 1.5 mm² AWG 28 – 16 800 V/8 kV/3 ① 600 V, 10 A ② 18 A 600 V, 10 A ③</p> <p>Terminal block width 4 mm / 0.157 in 8 – 9 mm / 0.33 in</p> <p>* ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿</p>	<p>0.08 – 1.5 mm² AWG 28 – 16 800 V/8 kV/3 ① 600 V, 10 A ② 18 A 600 V, 10 A ③</p> <p>Terminal block width 4 mm / 0.157 in 8 – 9 mm / 0.33 in</p> <p>* ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿</p>	<p>0.08 – 1.5 mm² AWG 28 – 16 800 V/8 kV/3 ① 600 V, 10 A ② 18 A 600 V, 10 A ③</p> <p>Terminal block width 4 mm / 0.157 in 8 – 9 mm / 0.33 in</p> <p>* ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿</p>
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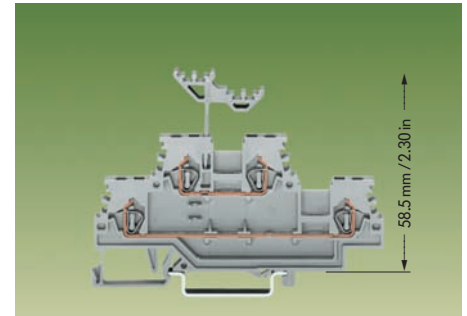
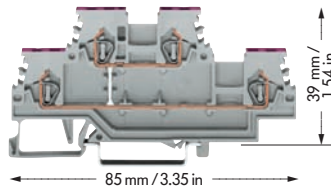
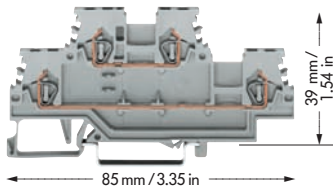


Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
4-conductor through terminal blocks		Double potential terminal blocks, with double marker receptacle in the center of the terminal block		Double potential terminal blocks, with marker receptacle on the side of the terminal block	
grey 279-621 ①	100	grey 279-826 ①	100	grey 279-626 ①	100
blue 279-604 ②	100	light grey ⑥ 279-995 ①	100	light grey ⑥ 279-989 ①	100
light grey ⑥ 279-990 ①	100				
Other terminal blocks with the same shape		Attention! These double potential terminal blocks cannot be commoned with adjacent jumpers!		Attention! These double potential terminal blocks cannot be commoned with adjacent jumpers!	
double potential 279-626					
diode 279-623/...-...	page 7.56				
LED 279-624/...-...	page 7.60				
End and intermediate plate, 2 mm/0.079 in thick		End and intermediate plate, 2 mm/0.079 in thick		End and intermediate plate, 2 mm/0.079 in thick	
orange 279-317 100 (4 x 25)		orange 279-346 100 (4 x 25)		orange 279-317 100 (4 x 25)	
grey 279-316 100 (4 x 25)		grey 279-344 100 (4 x 25)		grey 279-316 100 (4 x 25)	
light grey 279-318 100 (4 x 25)		light grey 279-348 100 (4 x 25)		light grey 279-318 100 (4 x 25)	
Separator, oversized, 2 mm/0.079 in thick		Separator, oversized, 2 mm/0.079 in thick		Separator, oversized, 2 mm/0.079 in thick	
orange 279-327 100 (4 x 25)		orange 279-347 100 (4 x 25)		orange 279-327 100 (4 x 25)	
grey 279-337 100 (4 x 25)		grey 279-345 100 (4 x 25)		grey 279-337 100 (4 x 25)	
light grey 279-338 100 (4 x 25)		light grey 279-349 100 (4 x 25)		light grey 279-338 100 (4 x 25)	
Insulation stop ③, 5 pcs/strip		Insulation stop ③, 5 pcs/strip		Insulation stop ③, 5 pcs/strip	
white 279-470 200 strips		white 279-470 200 strips		white 279-470 200 strips	
dark grey 279-471 200 strips		dark grey 279-471 200 strips		dark grey 279-471 200 strips	
Adjacent jumper, insulated, I_N 15 A		Comb type jumper bar ③, insulated,		Comb type jumper bar ③, insulated,	
grey 279-402 200 (8 x 25)		I _N = I _N of terminal block		I _N = I _N of terminal block	
yell.-green 279-422 200 (8 x 25)		2-way 279-482 200 (8 x 25)		2-way 279-482 200 (8 x 25)	
		3-way 279-483 200 (8 x 25)		3-way 279-483 200 (8 x 25)	
Alternate jumper, insulated, I_N 15 A		Alternate comb type jumper bar, insulated,		Alternate comb type jumper bar, insulated,	
grey 279-409 100 (4 x 25)		I _N = I _N of terminal block		I _N = I _N of terminal block	
		2-way 279-492 200 (8 x 25)		2-way 279-492 200 (8 x 25)	
Push-in type wire jumper ③, insulated, I_N 9 A		Operating tool, insulated		Operating tool, insulated	
L = 60 mm 249-125 10		2-way 279-432 1		2-way 279-432 1	
L = 110 mm 249-126 10		3-way 279-433 1		3-way 279-433 1	
L = 250 mm 249-127 10					
Protective warning marker, for 5 terminal blocks, fits into screwdriver slot		<p>Double potential terminal blocks are space savers. Two independent through terminal blocks are placed in one insulated housing on one level. The width of the housing is only 4 mm/0.157 in. Compared to standard through terminal blocks, the width is only 2 mm/0.079 in for a total height of only 27 mm/1.063 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.</p> <p>① 800 V = rated voltage 8 kV = rated surge voltage 3 = pollution degree (see also section 15)</p> <p>② Suitable for Ex i applications</p> <p>⑥ Suitable for Ex e II applications 0.2 – 1.5 mm² AWG 24 – 16 550 V, 15 A (see also section 13) Ex e/Ex i separator see page 2.13</p> <p>③ See application notes on pages 2.43 – 2.45</p>			
yellow 279-415 100 (4 x 25)					
Test plug adapter, suitable f. term. bl. 1.5 mm² – 4 mm², 5 mm/0.197 in wide					
280-404 100 (4 x 25)					
or. test plug 210-137 (2.3 mm Ø)					
Test plug adapter, suitable f. term. bl. 1.5 mm² – 10 mm², 8 mm/0.315 in wide					
209-170 50 (2 x 25)					
for test plug 4 mm/0.157 in Ø					
Comp type jumper bar (see right column)					


Double Deck Terminal Blocks 1.5 mm² / AWG 16, Series 279

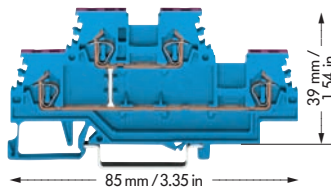
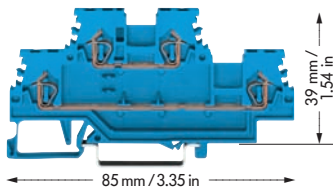



<p>0.08 – 1.5 mm² 500 V/6 kV/3 ① 18 A</p> <p>Terminal block width 4 mm / 0.157 in 8 - 9 mm / 0.33 in</p>	<p>AWG 28 – 16</p>	<p>0.08 – 1.5 mm² 500 V/6 kV/3 ① 18 A</p> <p>Terminal block width 4 mm / 0.157 in 8 - 9 mm / 0.33 in</p>	<p>AWG 28 – 16</p>	<p>Accessories</p>
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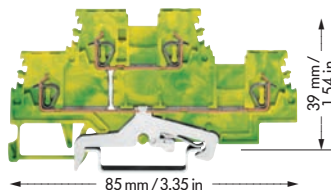
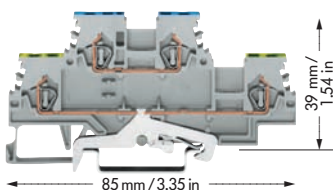



Height including WSB double marker carrier


Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
Double deck terminal block, for DIN 35 rail		Double deck terminal block, for DIN 35 rail		End and intermediate plate, 2 mm / 0.079 in thick	
Through/through terminal blocks,		4-conductor through terminal block,		 orange 279-519 100 (4 x 25)	grey 279-518 100 (4 x 25)
housing color grey		internal commoning, housing color grey, conductor entry position colored in violet			
L/L	279-501	50	L	279-508	50
N/L	279-512	50			
L/N	279-513	50			





Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
Double deck terminal block, for DIN 35 rail		Double deck terminal block, for DIN 35 rail		Insulation stop ②, 5 pcs / strip	
Through/through terminal block,		4-conductor through terminal block,		 white 279-470 200 strips	dark grey 279-471 200 strips
housing color blue		internal commoning, housing colored in grey, conductor entry position colored in violet			
N/N	279-504 ③	50	N	279-509 ③	50





Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	
Double deck terminal block, for DIN 35 rail		Double deck terminal block, for DIN 35 rail		Operating tool, insulated		
Ground (earth) conductor/through terminal blocks,		4-conductor ground (earth) terminal block,		 2-way 279-432 1	3-way 279-433 1 10-way 279-440 1	
housing color grey		internal commoning, housing color green-yellow				
PE / N	279-517	50	PE	279-507		50
PE / L	279-527	50				


Adjacent jumper, insulated, I_N 15 A	
	grey 279-402 200 (8 x 25)
	yell.-green 279-422 200 (8 x 25)

Alternate jumper, insulated, I_N 15 A	
	grey 279-409 100 (4 x 25)

Comb type jumper bar ②, ins., I_N = I_N of terminal block	
	2-way 279-482 200 (8 x 25)
	3-way 279-483 200 (8 x 25)
	10-way 279-490 50 (2 x 25)














Alternate comb type jumper bar, insulated, I_N = I_N of terminal block	
	2-way 279-492 200 (8 x 25)

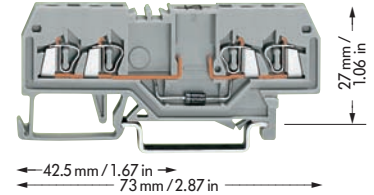
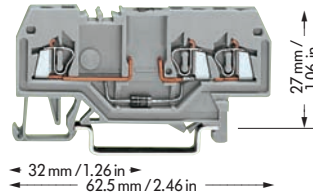
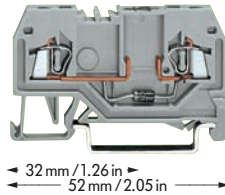
WMB multi-marking system or WSB quick marking system, 10 strips with 10 markers each	
	see section 14







WSB double marker carrier	
	279-529 50 (2 x 25)

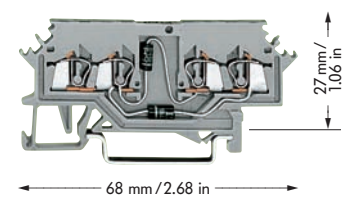
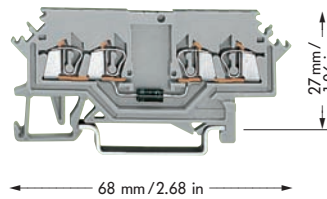
① 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see also section 15)
② See application notes on pages 2.43 - 2.44
③ Suitable for Ex i applications





Diode Terminal Blocks 1.5 mm² / AWG 16, Series 279

<p>0.08 – 1.5 mm² AWG 28 – 16 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 4 mm / 0.157 in  8 – 9 mm / 0.33 in</p>	<p>0.08 – 1.5 mm² AWG 28 – 16 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 4 mm / 0.157 in  8 – 9 mm / 0.33 in</p>	<p>0.08 – 1.5 mm² AWG 28 – 16 U_N 250 V; U_{RM} 1000 V 1 N 4007 – 0.5 A continuous current Terminal block width 4 mm / 0.157 in  8 – 9 mm / 0.33 in</p>
<p>*          </p>		



Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
2-conductor diode terminal blocks with diode 1 N 4007		3-conductor diode terminal blocks with diode 1 N 4007		4-conductor diode terminal blocks with diode 1 N 4007	
Circuit I, grey	279-915/281-410 100	Circuit I, grey	279-673/281-410 100	Circuit I, grey	279-815/281-410 100
Circuit II, grey	279-915/281-411 100	Circuit II, grey	279-673/281-411 100	Circuit II, grey	279-815/281-411 100
Examples of circuit configuration see page 7.59		Examples of circuit configuration see page 7.59		Examples of circuit configuration see page 7.59	
Through terminal block with the same shape		Through terminal block with the same shape		Through terminal block with the same shape	
grey	279-901 page 2.8	grey	279-681 page 2.8	grey	279-831 page 2.8
Appropriate marking system WMB/WSB (see section 14) Marker width 4 mm/0.157 in					
End and intermediate plate, 2 mm/0.079 in thick		End and intermediate plate, 2 mm/0.079 in thick		End and intermediate plate, 2 mm/0.079 in thick	
 orange	279-328 100 (4 x 25)	 orange	279-339 100 (4 x 25)	 orange	279-346 100 (4 x 25)
 grey	279-325 100 (4 x 25)	 grey	279-308 100 (4 x 25)	 grey	279-344 100 (4 x 25)



Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
4-conductor diode terminal blocks with diode 1 N 4007		4-conductor diode terminal block with 2 diodes 1 N 4007	
Circuit I, grey	279-623/281-410 100	grey	279-620/281-408 100
Circuit II, grey	279-623/281-411 100	(for lamp test circuits up to 60 V)	
Examples of circuit configuration see page 7.59			
Through terminal block with the same shape		Through terminal block with the same shape	
grey	279-621 page 2.9	grey	279-621 page 2.9
Appropriate marking system WMB/WSB (see section 14) Marker width 4 mm/0.157 in			
End and intermediate plate, 2 mm/0.079 in thick		End and intermediate plate, 2 mm/0.079 in thick	
 orange	279-317 100 (4 x 25)	 orange	279-317 100 (4 x 25)
 grey	279-316 100 (4 x 25)	 grey	279-316 100 (4 x 25)

Accessories Series 279, see page 7.59

* For further approvals with corresponding ratings see section 15.