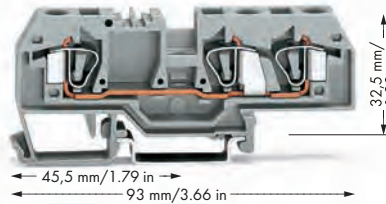
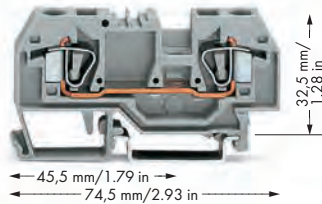


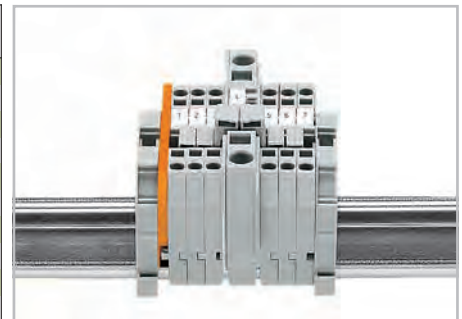
Through/Ground Conductor and Ex Terminal Blocks 6 mm² 282 Series

0.2 ... 6 mm ² 800 V/8 kV/3 ① I _N 41 A Terminal block width 8 mm / 0.315 in. 12 ... 13 mm / 0.49 in. ②	AWG 24 ... 10 600 V, 30 A ③ 600 V, 40 A ④	0.2 ... 6 mm ² 800 V/8 kV/3 ① I _N 41 A Terminal block width 8 mm / 0.315 in. 12 ... 13 mm / 0.49 in. ②	AWG 24 ... 10 600 V, 30 A ③ 600 V, 40 A ④
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- ① 800 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
0.5 mm² ... 6 mm²/AWG 20 ... 10
550 V, 39 A
Jumper 35 A
(also see Section 14)
- ⑤ See application notes for:
Test plug module, page 291
Banana plug, page 292
Step-down jumper, page 196

Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor through terminal block		3-conductor through terminal block	
gray 282-901	50	gray 282-681	25
blue 282-904 ③	50	blue 282-684 ③	25
orange 282-902	50	orange 282-682	25
light gray ④	50	light gray ④	50
2-conductor ground terminal block		3-conductor ground terminal block	
green-yellow 282-907	50	green-yellow 282-687	25
green-yellow ④	50	green-yellow ④	50
Item-Specific Accessories		Item-Specific Accessories	
End and intermediate plate, 2.5 mm thick		End and intermediate plate, 2.5 mm thick	
orange 282-328	100 (4x25)	orange 282-339	100 (4x25)
gray 282-325	100 (4x25)	gray 282-308	100 (4x25)
light gray 282-330	100 (4x25)	light gray 282-341	100 (4x25)
Separator, oversized, 2 mm thick		Separator, oversized, 2 mm thick	
orange 282-329	100 (4x25)	orange 282-340	100 (4x25)
gray 282-326	100 (4x25)	gray 282-309	100 (4x25)
light gray 282-331	100 (4x25)	light gray 282-342	100 (4x25)
Cover plate, 1 mm thick		Cover plate, 1 mm thick	
gray 282-357	25	gray 282-358	25
orange 282-367	25	orange 282-368	25
282 Series Accessories			
Appropriate marking systems: WMB/WFB (see Section 13)			
Ex e/Ex i separator, orange, 3 mm thick		Step-down jumper, insulated, I_N 30 A	
120 mm 209-191	50 (2x25)	gray 284-413	50 (2x25)
Adjacent jumper, insulated, I_N 41 A		Test plug adapter, 8.3 mm wide, for terminal blocks 1.5 ... 10 mm², for 4 mm Ø test plug	
gray 282-402	100 (4x25)	gray 209-170	50 (2x25)
yellow-green 282-422	100 (4x25)	Banana plug, for socket 4 mm Ø, color mixed	
Alternate jumper, insulated, I_N 41 A		215-111 50	
gray 282-409	100 (4x25)	B-type test plug module, can be snapped together, 8 mm wide	
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks		gray 709-310 100 (4x25)	
yellow 282-415	100 (4x25)	B-type spacer module, can be snapped together, 8 mm wide	
Step-down jumper, insulated, I_N 15 A		gray 709-311 100 (4x25)	
gray 284-414	50 (2x25)		



Commoning with step-down jumpers
A step-down cover plate must be inserted between terminal blocks to be jumpered. Step-down jumper 284-414 commons 10/6 mm²/AWG 8/10 terminal blocks with 4/2.5/1.5 mm²/AWG 12/14/16 terminal blocks.

Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers.



Commoning with step-down jumpers
A step-down cover plate must be inserted between terminal blocks to be jumpered. Step-down jumper 284-413 commons 10/6 mm²/AWG 8/10 terminal blocks with 6/4 mm²/AWG 10/12 terminal blocks.

Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers.

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