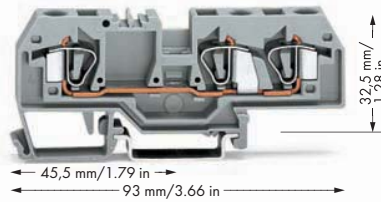
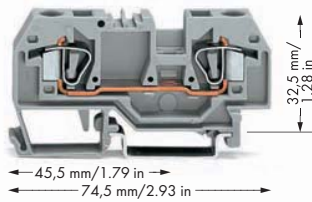


Through/Ground Conductor and Terminal Blocks 6 mm² 282 Series

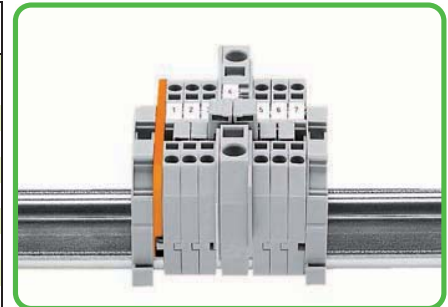
CAGE CLAMP®

0.2 - 6 mm ² 800 V/8 kV/3 ① I _N 41 A	AWG 24 - 10 600 V, 30 A ④ 600 V, 40 A ⑤	0.2 - 6 mm ² 800 V/8 kV/3 ① I _N 41 A	AWG 24 - 10 600 V, 30 A ④ 600 V, 40 A ⑤
Terminal block width 8 mm / 0.315 in ② 12 - 13 mm / 0.49 in		Terminal block width 8 mm / 0.315 in ② 12 - 13 mm / 0.49 in	



- 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 157
Banana plugs, page 158
Step-down jumper, pages 138 - 139

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	50	blue 282-684	25
orange 282-902	50	orange 282-682	25
light gray ⑤ 282-992	50	light gray ⑤ 282-993	50
2-conductor ground terminal block		3-conductor ground terminal block	
green-yellow 282-907	50	green-yellow 282-687	25
green-yellow ⑤ 282-907/999-950	50	green-yellow ⑤ 282-687/999-950	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



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.

282 Series Accessories		Appropriate marking systems: WMB/WFB (see Section 13)	
Ex e/Ex i separator, orange, 3 mm thick	120 mm 209-191 50 (2x25)	Step-down jumper, insulated, I_N 30 A	gray 284-413 50 (2x25)
Adjacent jumper, insulated, I_N 41 A	gray 282-402 100 (4x25) yellow-green 282-422 100 (4x25)	Test plug adapter, 8 mm wide, for terminal blocks 1.5 - 10 mm², for test plug 4 mm Ø	gray 209-170 50 (2x25)
Alternate jumper, insulated, I_N 41 A	gray 282-409 100 (4x25)	Banana plug, for socket 4 mm Ø, color mixed	215-111 50
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks	yellow 282-415 100 (4x25)	B-type test plug module, can be snapped together, 8 mm wide	gray 709-310 100 (4x25)
Step-down jumper, insulated, I_N 15 A	gray 284-414 50 (2x25)	B-type spacer module, can be snapped together, 8 mm wide	gray 709-311 100 (4x25)