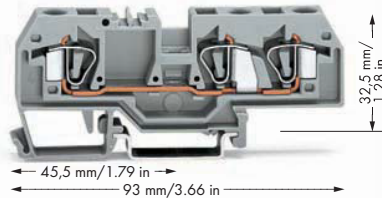
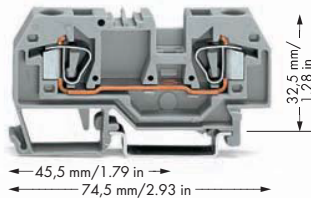


# Through/Ground Conductor and Ex Terminal Blocks 6 mm<sup>2</sup> 282 Series

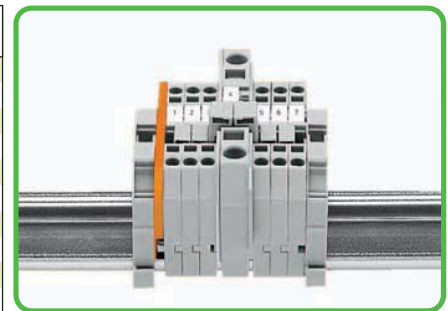
CAGE CLAMP®

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



- 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 mm<sup>2</sup> - 6 mm<sup>2</sup>/AWG 20 - 10  
550 V, 39 A  
Jumper 35 A  
(also see Section 14)
- ⑤ See application notes for:  
Test plug module, page 197  
Banana plug, page 198  
Step-down jumper, pages 178 - 179

Item No.	Pack. Unit	Item No.	Pack. Unit
<b>2-conductor through terminal block</b>			
gray	282-901	50	
blue	282-904 ③	50	
orange	282-902	50	
light gray ⑤	282-992 ④	50	
<b>2-conductor ground terminal block</b>			
green-yellow	282-907	50	
green-yellow ⑤	282-907/999-950 ④	50	
<b>3-conductor through terminal block</b>			
gray	282-681	25	
blue	282-684 ③	25	
orange	282-682	25	
light gray ⑤	282-993 ④	50	
<b>3-conductor ground terminal block</b>			
green-yellow	282-687	25	
green-yellow ⑤	282-687/999-950 ④	50	
<b>Item-Specific Accessories</b>			
<b>End and intermediate plate, 2.5 mm thick</b>			
orange	282-328	100 (4x25)	
gray	282-325	100 (4x25)	
light gray	282-330	100 (4x25)	
<b>Separator, oversized, 2 mm thick</b>			
orange	282-329	100 (4x25)	
gray	282-326	100 (4x25)	
light gray	282-331	100 (4x25)	
<b>Cover plate, 1 mm thick</b>			
gray	282-357	25	
orange	282-367	25	
<b>282 Series Accessories</b>			
Appropriate marking systems: WMB/WFB (see Section 13)			
<b>Ex e/Ex i separator, orange, 3 mm thick</b>		<b>Step-down jumper, insulated, I<sub>N</sub> 30 A</b>	
120 mm	209-191	50 (2x25)	
<b>Adjacent jumper, insulated, I<sub>N</sub> 41 A</b>		<b>Test plug adapter, 8.3 mm wide,</b>	
gray	282-402	100 (4x25)	
yellow-green	282-422	100 (4x25)	
<b>Alternate jumper, insulated, I<sub>N</sub> 41 A</b>		<b>Banana plug,</b>	
gray	282-409	100 (4x25)	
<b>Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks</b>		for socket 4 mm Ø, color mixed	
yellow	282-415	100 (4x25)	
<b>Step-down jumper, insulated, I<sub>N</sub> 15 A</b>		215-111	
gray	284-414	50 (2x25)	
<b>B-type test plug module,</b>		<b>B-type spacer module,</b>	
can be snapped together, 8 mm wide		can be snapped together, 8 mm wide	
gray	709-310	100 (4x25)	
gray	709-311	100 (4x25)	



### 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 mm<sup>2</sup>/AWG 8/10 terminal blocks with 4/2.5/1.5 mm<sup>2</sup>/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 mm<sup>2</sup>/AWG 8/10 terminal blocks with 6/4 mm<sup>2</sup>/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.**