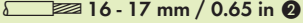
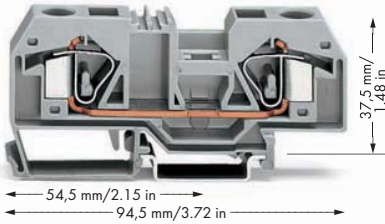


# Through/Ground Conductor and Terminal Blocks 16 mm<sup>2</sup> 283 Series

CAGE CLAMP®

0.2 - 16 mm<sup>2</sup> AWG 24 - 6  
 800 V/8 kV/3 ① 600 V, 65 A<sup>NA</sup>  
 I<sub>N</sub> 76 A 600 V, 70 A<sup>②</sup>

Terminal block width 12 mm / 0.472 in  
 16 - 17 mm / 0.65 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 e II applications  
0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>/AWG 20 - 6  
550 V, 68 A  
Jumper 63 A  
(also see Section 14)
- ④ See application notes for:  
Banana plugs, page 158  
Step-down jumper, pages 138 - 139

Item No.	Pack. Unit	283 Series Accessories
<b>2-conductor through terminal block</b>		Appropriate marking systems (see Section 13)
gray 283-901	20	<b>End and intermediate plate</b> , 2.5 mm thick
blue 283-904	20	orange 283-328 50 (2x25)
orange 283-902	20	gray 283-325 50 (2x25)
light gray ② 283-992	20	light gray 283-330 50 (2x25)
<b>2-conductor ground terminal block</b>		<b>Separator</b> , oversized, 2 mm thick
green-yellow 283-907	20	orange 283-329 50 (2x25)
green-yellow ② 283-907/999-950	20	gray 283-326 50 (2x25)
		light gray 283-331 50 (2x25)
		<b>Adjacent jumper</b> , insulated, I <sub>N</sub> 70 A
		gray 283-402 50 (2x25)
		yellow-green 283-422 50 (2x25)
		<b>Alternate jumper</b> , insulated, I <sub>N</sub> 76 A
		gray 283-409 50 (2x25)
		<b>Protective warning marker</b> , with high-voltage symbol, black, for 5 terminal blocks
		yellow 283-415 50 (2x25)
		<b>Finger guard</b> , touchproof cover protects unused conductor entries
		yellow 283-400 100 (4x25)
		<b>Step-down jumper</b> , insulated, ④ I <sub>N</sub> 32 A
		gray 283-414 50 (2x25)
		<b>Cover plate</b> , 1 mm thick
		gray 283-357 25
		orange 283-367 25
		<b>Test plug adapter</b> , 11.6 mm wide, for 1.5 - 16 mm <sup>2</sup> terminal blocks, for test plug 4 mm Ø
		gray 283-404 25
		<b>Banana plug</b> , ④ for socket 4 mm Ø, color mixed
		215-111 50
		<b>Screwless end stop</b> , for DIN 35 rail, 6 mm/0.236 in wide
		gray 249-116 100 (4x25)
		<b>Screwless end stop</b> , for DIN 35 rail, 10 mm/0.394 in wide
		gray 249-117 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 16 mm<sup>2</sup>/AWG 6 terminal blocks with 4 mm<sup>2</sup>/AWG 12 terminal blocks.

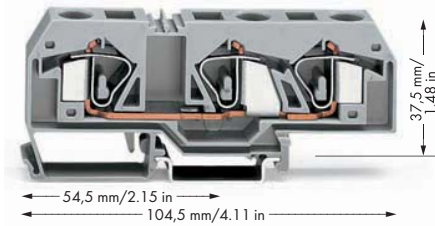
Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers.

Note:

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

# Through/Ground Conductor and Terminal Blocks 16 mm<sup>2</sup> 283 Series

0.2 - 16 mm <sup>2</sup>	AWG 24 - 6
800 V/8 kV/3 ①	600 V, 65 A ②
I <sub>N</sub> 76 A	600 V, 70 A ③
Terminal block width 12 mm / 0.472 in	
16 - 17 mm / 0.65 in ④	



- 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 e II applications  
0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>/AWG 20 - 6  
550 V, 68 A  
(also see Section 14)

3

Item No.	Pack. Unit	283 Series Accessories
<b>3-conductor through terminal block</b>		Appropriate marking systems (see Section 13)
gray 283-671	20	<b>End and intermediate plate, 2.5 mm thick</b>
blue 283-674	20	orange 283-352 50 (2x25)
orange 283-672	20	gray 283-350 50 (2x25)
light gray ④ 283-998	20	light gray 283-354 50 (2x25)
<b>3-conductor ground terminal block</b>		<b>Separator, oversized, 2 mm thick</b>
green-yellow 283-677	20	orange 283-353 50 (2x25)
green-yellow ④ 283-677/999-950	20	gray 283-351 50 (2x25)
<b>Notice:</b> These terminal blocks cannot be commoned using adjacent jumpers		light gray 283-355 50 (2x25)
		<b>Protective warning marker,</b>
		with high-voltage symbol, black, for 5 terminal blocks
		yellow 283-415 50 (2x25)
		<b>Finger guard,</b>
		touchproof cover protects unused conductor entries
		yellow 283-400 100 (4x25)
		<b>Screwless end stop,</b>
		for DIN 35 rail, 6 mm/0.236 in wide
		gray 249-116 100 (4x25)
		<b>Screwless end stop,</b>
		for DIN 35 rail, 10 mm/0.394 in wide
		gray 249-117 50 (2x25)



The markers are not covered by the wiring when marking terminal blocks in center position.



Inserting a finger guard seals unused conductor entries.