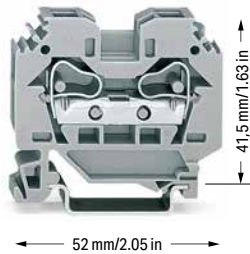


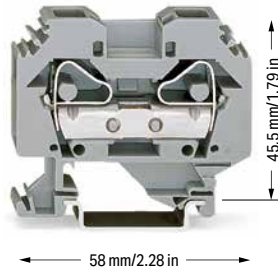
Through and Ground Conductor Terminal Block

10 mm²; 284 Series and 16 mm²; 283 Series

Technical Data	
0.2 ... 10 mm ²	24 ... 8 AWG
800 V/8 kV/3 ①	600 V, 50 A ②
I _N 57 A	600 V, 65 A ③
Terminal block width: 10 mm / 0.394 inch	
12 ... 13 mm / 0.47 ... 0.51 inch	



Technical Data	
0.2 ... 16 mm ²	24 ... 6 AWG
800 V/8 kV/3 ①	600 V, 65 A ②
I _N 76 A	600 V, 90 A ③
Terminal block width: 12 mm / 0.472 inch	
16 ... 17 mm / 0.63 ... 0.67 inch	



- ① 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Section 14)

See application notes for:
Step-down jumper, page 234
Test plug module, page 345
Marking, from page 588

Approvals and corresponding ratings,
visit www.wago.com

2-conductor through terminal block		
Color	Item No.	Pack. Unit
gray	284-101	50
blue	284-104 ②	50

2-conductor ground terminal block		
Color	Item No.	Pack. Unit
green-yellow	284-107	50

Accessories; item-specific			
End and intermediate plate; 2.5 mm thick			
orange	284-302	100 (25)	
gray	284-301	100 (25)	

Separator; oversized; 2 mm thick			
Color	Item No.	Pack. Unit	
orange	284-322	100 (25)	
gray	284-332	100 (25)	

Adjacent jumper; insulated; I _N 57 A			
Color	Item No.	Pack. Unit	
gray	284-402	100 (25)	
yellow-green	284-422	100 (25)	

Alternate jumper; insulated; I _N 57 A			
Color	Item No.	Pack. Unit	
gray	284-409	50 (25)	

Step-down jumper; insulated; commons 10/6 mm ² (8/10 AWG) down to 6/4 mm ² (10/12 AWG); I _N 30 A			
Color	Item No.	Pack. Unit	
gray	284-413	50 (25)	

Step-down cover plate; 1 mm thick			
Color	Item No.	Pack. Unit	
gray	284-333	100 (25)	
orange	284-343	100 (25)	

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks			
Color	Item No.	Pack. Unit	
yellow	284-405	50 (25)	

Test plug adapter; 8.3 mm wide; for 4 mm Ø test plug; for 1.5 ... 10 mm ² terminal blocks			
Color	Item No.	Pack. Unit	
gray	209-170	50 (25)	

B-type test plug module; snaps together; 8 mm wide			
Color	Item No.	Pack. Unit	
gray	709-310	100 (25)	

2-conductor through terminal block		
Color	Item No.	Pack. Unit
gray	283-101	50
blue	283-104 ②	50

2-conductor ground terminal block		
Color	Item No.	Pack. Unit
green-yellow	283-107	50

Accessories; item-specific			
End and intermediate plate; 4 mm thick			
orange	283-302	50 (25)	
gray	283-301	50 (25)	

Separator; oversized; 2 mm thick			
Color	Item No.	Pack. Unit	
orange	283-322	50 (25)	
gray	283-332	50 (25)	

Adjacent jumper; insulated; I _N 70 A			
Color	Item No.	Pack. Unit	
gray	283-402	50 (25)	
yellow-green	283-422	50 (25)	

Alternate jumper; insulated; I _N 76 A			
Color	Item No.	Pack. Unit	
gray	283-409	50 (25)	

Step-down jumper; insulated; commons 16 mm ² (6 AWG) down to 4 mm ² (12 AWG); I _N 32 A			
Color	Item No.	Pack. Unit	
gray	283-414	50 (25)	

Step-down cover plate; 1 mm thick			
Color	Item No.	Pack. Unit	
gray	283-333	100 (25)	
orange	283-335	100 (25)	

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks			
Color	Item No.	Pack. Unit	
yellow	283-405	50 (25)	

Test plug adapter; 8.3 mm wide; for 4 mm Ø test plug; for 1.5 ... 10 mm ² terminal blocks			
Color	Item No.	Pack. Unit	
gray	283-404	25	



Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point.

Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers. Commoning may be made in either direction using the special thin end plate to cover the open side. Additional through terminal blocks having a smaller cross-section may be commoned using adjacent jumpers.

In this case, pay attention that:
The total current of the outgoing circuits does not exceed the nominal current of the step-down jumper.
The standard or special thin cover plate is installed on the open side of the larger block.

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