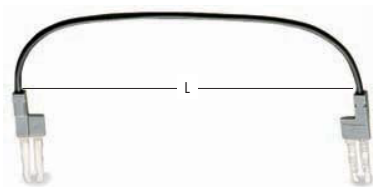


# Staggered Jumpers and Push-In Type Wire Jumpers

<b>Staggered jumper</b> Nominal voltage 400 V/6 kV/3	<b>Push-in type wire jumper</b> 800 V/8 kV/3 $I_N$ 9 A Conductor size 0.75 mm <sup>2</sup>
---	---



- 1 Suitable for Ex e II applications  
max. rated voltage 275 V  
23 A for 2-conductor terminal blocks  
22 A for 3-conductor terminal blocks  
20 A for 4-conductor terminal blocks  
(also see Section 14)
- 2 Suitable for Ex e II applications  
max. rated voltage 275 V, 26 A  
(also see Section 14)

Item No.	Pack. Unit	Item No.	Pack. Unit
<b>Staggered jumper, insulated,</b> width 5 mm/0.197 in, $I_N$ 24 A		<b>Push-in type wire jumper, insulated</b> Wire length of wire jumpers:	
○ from 1 to 2	780-452 1 100 (4x25)	L = 60 mm	249-125 10
○ from 1 to 3	780-453 1 100 (4x25)		
○ from 1 to 4	780-454 1 100 (4x25)		
○ from 1 to 5	780-455 1 50 (2x25)		
○ from 1 to 6	780-456 1 50 (2x25)		
○ from 1 to 7	780-457 1 50 (2x25)		
○ from 1 to 8	780-458 1 50 (2x25)		
<b>Staggered jumper, insulated,</b> width 6 mm/0.236 in, $I_N$ 32 A		<b>Push-in type wire jumper, insulated</b> Wire length of wire jumpers:	
○ from 1 to 2	781-452 2 100 (4x25)	L = 110 mm	249-126 10
○ from 1 to 3	781-453 2 100 (4x25)		
○ from 1 to 4	781-454 2 100 (4x25)		
○ from 1 to 5	781-455 2 50 (2x25)		
○ from 1 to 6	781-456 2 50 (2x25)		
		<b>Push-in type wire jumper, insulated</b> Wire length of wire jumpers:	
		L = 250 mm	249-127 10
		<b>Note:</b> Push down the wire jumper until fully inserted.	

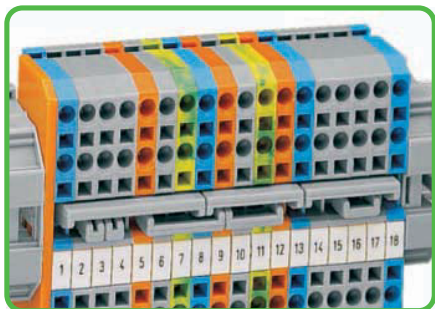
### Wire jumpers

When installing machines or control systems, it is often necessary to make an additional connection between two terminal blocks that are not next to each other on the rail. In such cases, the plug-in, touchproof wire jumper is ideal.

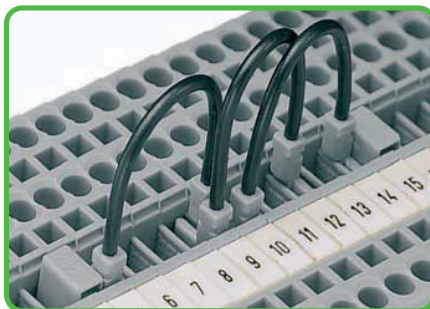
Suitable for rail-mount terminal blocks of 279 Series (1.5 mm<sup>2</sup>/AWG 16), 280/775/780 Series (2.5 mm<sup>2</sup>/AWG 14) and 281/769/776/777/781 and 880 Series (4 mm<sup>2</sup>/AWG 12), this jumper is available in 3 wire lengths: 60, 110 and 250 mm (2.362, 4.331 and 9.843 in). This allows up to 60 terminal blocks between the two blocks being commoned (see table below).

Terminal blocks Series	Wire jumpers Item No.	"n"
279 (1.5 mm <sup>2</sup> /AWG 16)	249-125	13
	249-126	25
	249-127	60
280, 775, 780 (2.5 mm <sup>2</sup> /AWG 14) 769, 880 (4 mm <sup>2</sup> /AWG 12)	249-125	10
	249-126	20
	249-127	48
281, 781, 776, 777 (4 mm <sup>2</sup> /AWG 12)	249-125	9
	249-126	17
	249-127	40

"n" = number of 279, 280/769/780/880 and 281/781 Series terminal blocks which can be skipped with a wire jumper.



Staggered jumpers for sophisticated circuit requirements.



Series 280/775/780 and 281/776/777/781 will accept two wire jumpers, so it is possible to bridge several terminal blocks together. Since the 279 Series will only accept one wire jumper per terminal block, bridging several terminal blocks is not possible. Series 280/769/775/780/880 and 281/776/777/781 permit the introduction of a wire jumper and an adjacent jumper into the same block simultaneously.