

ELECTRICAL  
INTERCONNECTIONS

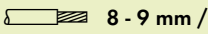


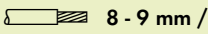


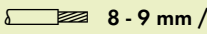


AUTOMATION

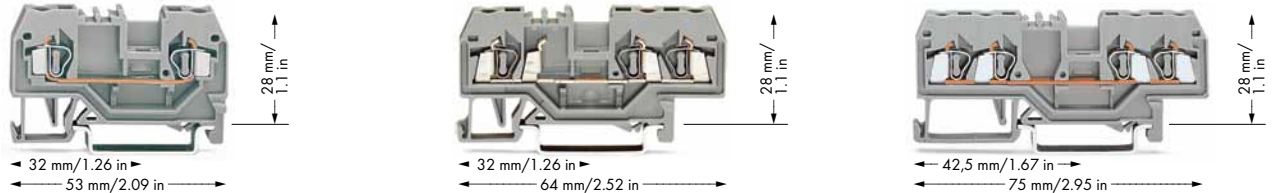
# Product Short Form







PSF 4.1







**WAGO**<sup>®</sup>  
INNOVATIVE CONNECTIONS













# Through/Ground Conductor/Shield and Ex Terminal Blocks 2.5 mm<sup>2</sup> 280 Series

<b>0.08 - 2.5 mm<sup>2</sup></b> 800 V/8 kV/3 I <sub>N</sub> 24 A Terminal block width 5 mm / 0.197 in  8 - 9 mm / 0.33 in Approvals	<b>AWG 28 - 12*</b> 600 V, 20 A  600 V, 20 A 	<b>0.08 - 2.5 mm<sup>2</sup></b> 800 V/8 kV/3 I <sub>N</sub> 24 A Terminal block width 5 mm / 0.197 in  8 - 9 mm / 0.33 in Approvals	<b>AWG 28 - 12*</b> 600 V, 20 A  600 V, 10 A 	<b>0.08 - 2.5 mm<sup>2</sup></b> 800 V/8 kV/3 I <sub>N</sub> 20 A Terminal block width 5 mm / 0.197 in  8 - 9 mm / 0.33 in Approvals	<b>AWG 28 - 12*</b> 600 V, 20 A  600 V, 10 A 
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Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
<b>2-conductor through terminal block</b>			<b>3-conductor through terminal block</b>			<b>4-conductor through terminal block</b>		
gray	280-901	100	gray	280-681	100	gray	280-833	100
blue	280-904	100	blue	280-684	100	blue	280-834	100
orange	280-902	100	orange	280-650	100	orange	280-835	100
red	280-903	100	red	280-653	100	red	280-830	100
black	280-905	100	black	280-671	100	black	280-831	100
yellow	280-906	100	yellow	280-672	100	yellow	280-832	100
light gray 	280-992	100	light gray 	280-993	100	light gray 	280-994	100
<b>2-conductor ground terminal block</b>			<b>3-conductor ground terminal block</b>			<b>4-conductor ground terminal block</b>		
green-yellow	280-907	100	green-yellow	280-687	100	green-yellow	280-837	100
green-yellow 	280-907/999-950	100	green-yellow 	280-687/999-950	100	green-yellow 	280-837/999-950	100
<b>Other terminal blocks with the same profile:</b>			<b>Other terminal blocks with the same profile:</b>			<b>Other terminal blocks with the same profile:</b>		
Diode	280-915/...	Volume 1	Diode	280-673/...	Volume 1	Double-potential	280-826	Volume 1
Disconnect	280-912	Page 67	Disconnect	280-683	Page 67	LED	280-809/...	Volume 1
Carrier	280-916	Volume 1	Carrier	280-610	Volume 1	Carrier	280-816	Volume 1

Item-Specific Accessories			(Separator for Ex e/Ex i applications, see page 30)					
<b>End and intermediate plate, 2.5 mm thick</b>			<b>End and intermediate plate, 2.5 mm thick</b>			<b>End and intermediate plate, 2.5 mm thick</b>		
	orange 280-309	100 (4x25)		orange 280-326	100 (4x25)		orange 280-315	100 (4x25)
	gray 280-308	100 (4x25)		gray 280-324	100 (4x25)		gray 280-314	100 (4x25)
	light gray 280-356	100 (4x25)		light gray 280-358	100 (4x25)		light gray 280-352	100 (4x25)
<b>Separator, oversized, 2 mm thick</b>			<b>Separator, oversized, 2 mm thick</b>			<b>Separator, oversized, 2 mm thick</b>		
	orange 280-311	100 (4x25)		orange 280-346	100 (4x25)		orange 280-335	100 (4x25)
	gray 280-310	100 (4x25)		gray 280-344	100 (4x25)		gray 280-334	100 (4x25)
	light gray 280-357	100 (4x25)		light gray 280-359	100 (4x25)		light gray 280-353	100 (4x25)

280 Series Accessories			Appropriate marking system: <b>WMB</b>					
<b>Adjacent jumper, insulated, I<sub>N</sub> 24 A</b>			<b>Comb-style jumper bar, insulated, I<sub>N</sub> = I<sub>N</sub> terminal block</b>			<b>Protective warning marker, with high-voltage symbol,</b>		
	gray 280-402	200 (8x25)		2-way 280-482	200 (8x25)		for 5 terminal blocks	
	yellow-green 280-422	200 (8x25)		3-way 280-483	200 (8x25)		yellow 280-415	100 (4x25)
				10-way 280-490	50 (2x25)			
<b>Alternate jumper, insulated, I<sub>N</sub> 24 A</b>			<b>Operating tool, insulated</b>			<b>Screwless end stop,</b>		
	gray 280-409	100 (4x25)		2-way 280-432	1		6 mm wide 249-116	100 (4x25)
				3-way 280-433	1		10 mm wide 249-117	50 (2x25)
				10-way 280-440	1			
<b>Staggered jumper, insulated, I<sub>N</sub> 24 A, spacing 5 mm</b>			<b>Insulation stop, 5 pcs/strip 200 strips</b>			<b>Test plug adapter, for terminal blocks 1.5-4 mm<sup>2</sup></b>		
	from 1 to 2 780-452	100 (4x25)		white 280-470	0.08-0.2 mm <sup>2</sup> (AWG 28-24)		(AWG 16-12), 5 mm wide	
	from 1 to 3 780-453	100 (4x25)		light gray 280-471	0.25-0.5 mm <sup>2</sup> (AWG 12-20)		280-404	100 (4x25)
	from 1 to 4 780-454	100 (4x25)		dark gray 280-472	0.75-1 mm <sup>2</sup> (AWG 20-18)		for 210-137 test plug	
	from 1 to 5 780-455	50 (2x25)					Test plug adapter, for terminal blocks 1.5-10 mm <sup>2</sup>	
	:	:					(AWG 16-12), 8 mm wide	
	from 1 to 8 780-458	50 (2x25)					209-170	50 (2x25)
							for test plug 4 mm Ø	
<b>Push-in type wire jumper, insulated, I<sub>N</sub> 9 A</b>			Suitable for Ex i applications  Suitable for Ex e II applications 0.2 - 2.5 mm <sup>2</sup> AWG 24 - 12 550 V, 20 A			<b>Test plug, 6 mm wide, with CAGE CLAMP<sup>®</sup></b>		
	60 mm 249-125	10					for 0.08-2.5 mm <sup>2</sup> (AWG 28-14)	
	110 mm 249-126	10					I <sub>N</sub> 24 A 281-407	100 (4x25)
	250 mm 249-127	10						

Approvals are available online at: [www.wago.com](http://www.wago.com).