

ELECTRICAL  
INTERCONNECTIONS

AUTOMATION

# Product Short Form

PSF 4.1

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

# High-Current, Through/Ground Conductor and Ex Terminal Blocks

## 35 mm<sup>2</sup>, 50 mm<sup>2</sup> and 95 mm<sup>2</sup>

### 285 Series

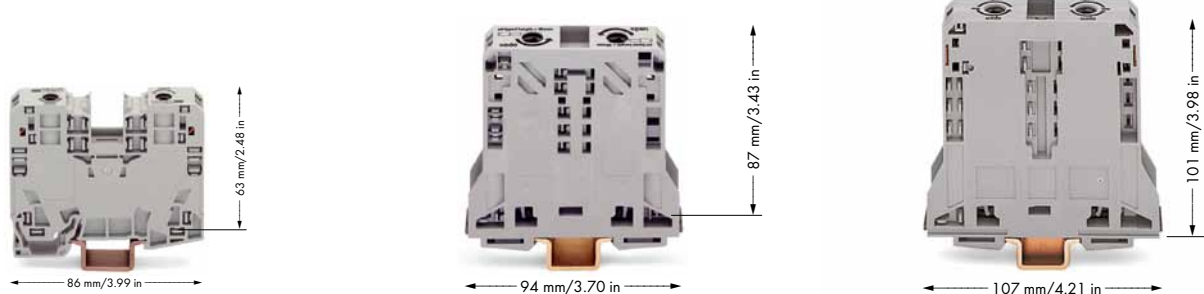
**POWER  
CAGE CLAMP®**

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<p>6 - 35 mm<sup>2</sup> 1000 V/8 kV/3 I<sub>N</sub> 125 A</p> <p>Terminal block width 16 mm / 0.63 in 25 mm / 0.98 in</p> <p>AWG 8 - 2 600 V, 115 A 600 V, 115 A</p>	<p>10 - 50 (70 "f-st") mm<sup>2</sup> 1000 V/8 kV/3 I<sub>N</sub> 150 A</p> <p>Terminal block width 20 mm / 0.787 in 30 mm / 1.18 in</p> <p>AWG 8 - 1 600 V, 150 A 600 V, 150 A</p>	<p>25 - 95 mm<sup>2</sup> 1000 V/8 kV/3 I<sub>N</sub> 232 A</p> <p>Terminal block width 25 mm / 0.98 in 35 mm / 1.38 in</p> <p>AWG 4 - 4/0 600 V, 200 A 600 V, 210 A</p>
<p>Approvals</p>		



Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
<b>2-conductor through terminal block</b>			<b>2-conductor through terminal block</b>			<b>2-conductor through terminal block</b>		
gray	285-135	15	gray	285-150	5	gray	285-195	5
blue	285-134	15	blue	285-154	5	blue	285-194	5
						light gray (Ex)	285-995	5
<b>2-conductor ground terminal block, only for DIN 35 x 15 rails; 2.3 mm thick, copper</b>			<b>2-conductor ground terminal block, only for DIN 35 x 15 rails; 2.3 mm thick, copper</b>			<b>2-conductor ground terminal block, only for DIN 35 x 15 rails; 2.3 mm thick, copper</b>		
green-yellow	285-137	15	green-yellow	285-157	5	green-yellow	285-197	5
						green-yellow (Ex)	285-197/999-950	5
<b>285 Series Accessories</b>			Appropriate marking system: <b>WMB</b>					
<b>Adjacent jumper, insulated, ⑥</b>			<b>Adjacent jumper, insulated, ⑥</b>			<b>Adjacent jumper, insulated, ⑥</b>		
	gray	285-435 50 (2x25)		gray	285-450 25		gray	285-495 25
		I <sub>N</sub> 85 A			I <sub>N</sub> 150 A for 1 jumper I <sub>N</sub> 130 A for 2 to 4 jumpers			I <sub>N</sub> 232 A for 1 jumper I <sub>N</sub> 130 A for 2 to 4 jumpers
<b>Voltage Tap, I<sub>N</sub> 32 A, 0.2-6 mm<sup>2</sup> (24-10), ⑥</b>			<b>Voltage Tap, I<sub>N</sub> 41 A, 0.2-6 mm<sup>2</sup> (24-10), ⑥</b>			<b>Voltage Tap, I<sub>N</sub> 57 A, 0.2-10 mm<sup>2</sup> (24-80)/16 mm<sup>2</sup> (AWG 6), ⑥</b>		
		module width 8 mm / 0.315 in gray 285-427 5			module width 16 mm / 0.63 in gray 285-447 5			module width 20 mm / 0.787 in gray 285-407 5
<b>Operating tool with partially insulated shaft, type 3, (5.5 x 0.8) mm blade</b>			<b>Allen wrench with partially insulated shaft</b>			<b>Allen wrench with partially insulated shaft</b>		
		210-721 1		8 mm	285-172 1		8 mm	285-172 1
<b>Protective warning marker, with high-voltage symbol, black</b>			<b>Protective warning marker, with high-voltage symbol, black</b>			<b>Protective warning marker, with high-voltage symbol, black</b>		
	yellow	285-420 50 (2x25)		yellow	285-440 50 (2x25)		yellow	285-170 50 (2x25)
<b>Finger guard, touch-proof cover protects unused conductor entries</b>			<b>Finger guard, touchproof cover protects unused conductor entries and jumper slots</b>			<b>Finger guard, touchproof cover protects unused conductor entries and jumper slots</b>		
	yellow	285-421 100 (4x25)		yellow	285-441 100 (4x25)		yellow	285-169 25
<b>Test plug adapter, 11.6 mm wide, for test plug 4 mm Ø</b>								
		283-404 25						
<b>Test plug, 4 mm Ø, protected against accidental contact; e.g., available through Multi-Contact Deutschland GmbH</b>			<b>Test plug, 4 mm Ø, protected against accidental contact; e.g., available through Multi-Contact Deutschland GmbH</b>			<b>Test plug, 4 mm Ø, protected against accidental contact; e.g., available through Multi-Contact Deutschland GmbH</b>		
		Postfach 1606, 79551 Weil am Rhein, Hegenheimerstraße 19 79576 Weil am Rhein			Postfach 1606, 79551 Weil am Rhein, Hegenheimerstraße 19 79576 Weil am Rhein			Postfach 1606, 79551 Weil am Rhein, Hegenheimerstraße 19 79576 Weil am Rhein
<b>Copper carrier rail, as per EN 60715, 35 x 15 mm, 2.3 mm thick, 2 m long</b>			<b>Copper carrier rail, as per EN 60715, 35 x 15 mm, 2.3 mm thick, 2 m long</b>			<b>Copper carrier rail, as per EN 60715, 35 x 15 mm, 2.3 mm thick, 2 m long</b>		
	unslotted	210-198 10		unslotted	210-198 10		unslotted	210-198 10
<b>Marking strip, plain, 11 mm wide, 50m roll</b>			<b>WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm</b>			<b>(Ex) Suitable for Ex e II applications 25 - 95 mm<sup>2</sup> 750 V, 195 A</b>		
	white	2009-110 1		plain	793-5501 5	AWG 4 - 4/0		
						35 - 70 mm <sup>2</sup> for ground terminal blocks		
						AWG 2 - 2/0		

⑤ Approvals are available online at: [www.wago.com](http://www.wago.com).

For technical explanations and abbreviations, see technical section.

⑥ Adjacent jumpers and voltage taps can only be removed or inserted when the clamp is in closed position.