

SIMATIC S7-1500, Front connector in push-in design, 40-pole, for 35 mm wide modules incl. 4 potential bridges and cable ties



Connection method	
Connection I/O signals	
<ul style="list-style-type: none"> • Connection method • Number of lines per connection 	<p>Push-in terminal</p> <p>1; or combination of 2 conductors of up to 1.5 mm² (total) in a shared ferrule</p>
Conductor cross-section in mm ²	
— Connectable cable cross-sections for massive cables, min.	0.25 mm ²
— Connectable cable cross-sections for massive cables, min.	1.5 mm ²
— Connectable cable cross-sections for flexible cables without end sleeve, min.	0.25 mm ²
— Connectable cable cross-sections for flexible cables without end sleeve, max.	1.5 mm ²
— Connectable cable cross-sections for flexible cables with end sleeve, min.	0.25 mm ²
— Connectable cable cross-sections for flexible cables with end sleeve, max.	1.5 mm ²
Conductor cross-section acc. to AWG	

- Connectable cable cross-sections for massive cables, min. 24
- Connectable cable cross-sections for massive cables, min. 16
- Connectable cable cross-sections for flexible cables without end sleeve, min. 24
- Connectable cable cross-sections for flexible cables without end sleeve, max. 16
- Connectable cable cross-sections for flexible cables with end sleeve, min. 24
- Connectable cable cross-sections for flexible cables with end sleeve, max. 16

24
16
24
16
24
16

Wire end processing

- Stripped length of cables, min. 8 mm
- Stripped length of cables, max. 11 mm
- End sleeve acc. to DIN 46228 without plastic sleeve Form A, 10 mm long
- End sleeve acc. to DIN 46228 with plastic sleeve Form E, 8 mm and 10 mm long

8 mm
11 mm
Form A, 10 mm long
Form E, 8 mm and 10 mm long

Mounting

- Tool

Screwdriver, conical design, 3 mm to 3.5 mm

Dimensions

Width	25.5 mm
Height	131 mm
Depth	37 mm

Weights

Weight, approx.	123 g
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last modified: 01/29/2018