



SIMATIC S7-1500, FRONTCONNECTOR PUSH-IN TYPE; 40PIN, FOR 25MM WIDE MODULES, INCL. CABLE STRAP

Connection method	
I/O signals connection	
<ul style="list-style-type: none"> • Connection method • Number of lines per connection 	<p>Push-in terminal</p> <p>1; or max. 8x 2 conductors to 1.5 mm² (in total) in a shared end sleeve and max. 32x 0.75 mm² single core</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, max.	1.5 mm ² ; max. 32x 0.75 mm ² , 8x 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 ; max. 32x 0.75 mm ² , 8x 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 ; max. 32x 0.75 mm ² , 8x 1.5 mm ²
Conductor cross-section to AWG	
— Connectable cable cross-sections for massive cables, min.	24
— Connectable cable cross-sections for massive cables, max.	16; max. 32x AWG 19, 8x AWG 16
— Connectable cable cross-sections for flexible cables without end sleeve, min.	24

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

16; max. 32x AWG 19, 8x AWG 16

24

16; max. 32x AWG 19, 8x AWG 16

Wire end processing

- Stripped length of cables, min.
- Stripped length of cables, max.
- End sleeve to DIN 46228 without plastic sleeve
- End sleeve to DIN 46228 with plastic sleeve

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
-----------------	-------

last modified: 12.03.2015