

SIMATIC S7-1500, Front connector in push-in design, 40-pole for 25 mm wide modules and compact CPUs of the S7-1500, incl. cable tie



Connection method

Connection I/O signals

- Connection method
- Number of lines per connection

Push-in terminal

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

Conductor cross-section in mm²

— Connectable cable cross-sections for massive cables, min.

0.25 mm²

— Connectable cable cross-sections for massive cables, max.

1.5 mm²; max. 32x 0.75 mm², 8x 1.5 mm²

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

0.25 mm²

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

1.5 mm²; max. 32x 0.75 mm², 8x 1.5 mm²

— Connectable cable cross-sections for flexible cables with end sleeve, min.

0.25 mm²

— Connectable cable cross-sections for flexible cables with end sleeve, max.

1.5 mm²; max. 32x 0.75 mm², 8x 1.5 mm²

Conductor cross-section acc. to AWG

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

24
 16; max. 32x AWG 19, 8x AWG 16
 24
 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 acc. to DIN 46228 without plastic sleeve
- End sleeve acc. 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
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last modified: 08/22/2018