

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



## General information

Product type designation Front connector

## Connection method

### Connection I/O signals

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Connection method</li> <li>• Number of lines per connection</li> </ul> | <p>Push-in terminal</p> <p>1; or max. 8x 2 conductors to 1.5 mm<sup>2</sup> (in total) in a shared end sleeve and max. 32x 0.75 mm<sup>2</sup> single core</p> |
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### Conductor cross-section in mm<sup>2</sup>

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>— Connectable cable cross-sections for massive cables, min.</li> <li>— Connectable cable cross-sections for massive cables, min.</li> <li>— Connectable cable cross-sections for flexible cables without end sleeve, min.</li> <li>— Connectable cable cross-sections for flexible cables without end sleeve, max.</li> <li>— Connectable cable cross-sections for flexible cables with end sleeve, min.</li> </ul> | <p>0.25 mm<sup>2</sup></p> <p>1.5 mm<sup>2</sup>; max. 32x 0.75 mm<sup>2</sup>, 8x 1.5 mm<sup>2</sup></p> <p>0.25 mm<sup>2</sup></p> <p>1.5 mm<sup>2</sup>; max. 32x 0.75 mm<sup>2</sup>, 8x 1.5 mm<sup>2</sup></p> <p>0.25 mm<sup>2</sup></p> |
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— Connectable cable cross-sections for flexible cables with end sleeve, max.	1.5 mm <sup>2</sup> ; max. 32x 0.75 mm <sup>2</sup> , 8x 1.5 mm <sup>2</sup>
<b>Conductor cross-section acc. to AWG</b>	
— Connectable cable cross-sections for massive cables, min.	24
— Connectable cable cross-sections for massive cables, min.	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.	16; max. 32x AWG 19, 8x AWG 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; max. 32x AWG 19, 8x AWG 16
<b>Wire end processing</b>	
— 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
<b>Mounting</b>	
— Tool	Screwdriver, conical design, 3 mm to 3.5 mm
<b>Dimensions</b>	
Width	19.8 mm
Height	130.5 mm
Depth	43 mm
<b>Weights</b>	
Weight, approx.	123 g
<b>last modified:</b>	10/09/2020