



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

| General information | |
|---|--|
| Product type designation | Front connector |
| Connection method | |
| Connection I/O signals | |
| <ul style="list-style-type: none"> • Connection method • Number of lines per connection | Push-in terminal 1; or combination of 2 conductors of up to 1.5 mm ² (total) in a shared ferrule |
| 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 |
| 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 |
| Mounting | |

— Tool

Screwdriver, conical design, 3 mm to 3.5 mm

Dimensions

| | |
|--------|----------|
| Width | 29.8 mm |
| Height | 130.5 mm |
| Depth | 46 mm |

Weights

| | |
|-----------------|-------|
| Weight, approx. | 123 g |
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last modified: 12/18/2020 