

SIMATIC S7-300, FRONT CONNECTOR FOR SIGNAL MODULES WITH SPRING CONTACTS, 20-PIN



General information

Product type designation Front connector S7-300, spring-loaded terminal, 20-pole

Ambient conditions

Ambient temperature during operation

- min. 0 °C
- max. 60 °C

Ambient temperature during storage/transportation

- min. -40 °C
- max. 70 °C

Accessories

belongs to product S7-300

Connection method

Connection I/O signals

- Connection method Spring terminals
- Number of lines per connection 1; or combination of 2 conductors of up to 1.5 mm² (total) in a shared ferrule

Conductor cross-section in mm²

- Connectable cable cross-sections for massive cables, min. 0.25 mm²
- Connectable cable cross-sections for massive cables, min. 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
- 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

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. 6 mm
- Stripped length of cables, max. 6 mm
- End sleeve acc. to DIN 46228 without plastic sleeve Design A, 5 mm to 7 mm long
- End sleeve acc. to DIN 46228 with plastic sleeve Design E, up to 6 mm long

Dimensions

Width	23 mm
Height	131 mm
Depth	36 mm

Weights

Weight, approx.	61 g
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