

SIMATIC S7-300, Front connector for signal modules with spring-loaded contacts, 40-pole



General information

Product type designation Front connector

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 2 cables up to 0.75 mm² (total) in a shared end sleeve

Conductor cross-section in mm²

— Connectable cable cross-sections for massive cables, min.	0.25 mm ²
— Connectable cable cross-sections for massive cables, min.	0.75 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.	0.75 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.	0.75 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.	19
— Connectable cable cross-sections for flexible cables without end sleeve, min.	24
— Connectable cable cross-sections for flexible cables without end sleeve, max.	19
— Connectable cable cross-sections for flexible cables with end sleeve, min.	24
— Connectable cable cross-sections for flexible cables with end sleeve, max.	19

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	21.6 mm
Height	126 mm
Depth	40.9 mm

Weights

Weight, approx.	98 g
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last modified: 10/22/2019