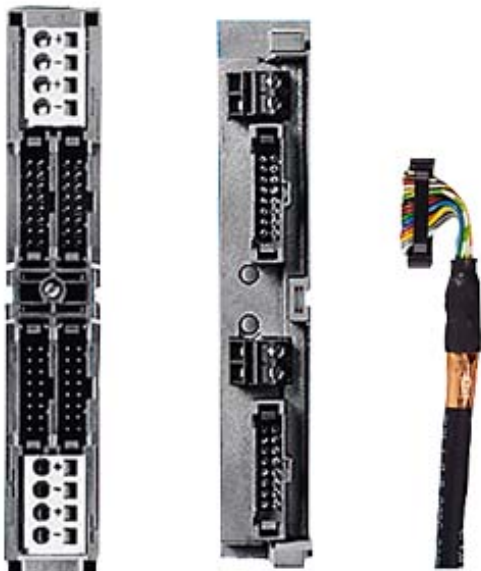


FRONT CONNECTOR ANALOG 20POLE S7-300 SCR
Front connector module with flat ribbon Cable connection for analog
Modules of the S7-300, Power supply over Screw terminals



Target system	SIMATIC S7-300
Suitability for use	Analog I/O modules
Product type designation	Fully modular connection
Product designation	Front connector module

Operating data	
Operating voltage	
• at DC / Rated value	24 V
• rated value	60 V
• at DC / maximum	60 V
Current / rated value	1 A
Continuous current / at DC / per plug-in contact / maximum	1 A
Total current / maximum	4 A
Operating temperature	0 ... 60 °C
Ambient temperature	
• during operation	0 ... 60 °C
• during storage	-40 ... +70 °C
Number of poles	20; of the front connector

Manufacturer's article number / of device connector / usable	replacement for S7-300 20 pole
number of the plug contacts / of the electrical connection	2
Type of electrical connection / for connecting cable	Plug-in connection
Number of poles / at the 1st interface	16; the IDC connector for the connection cable
Position / of the terminal	at the top
Type of electrical connection / for power supply	Screw-type terminal
Number of terminals	2; 1 x L+, 1 x M
Width of screwdriver blade	3.5 mm
Tightening torque / with screw-type terminals	0.4 ... 0.7 N·m
Product component / required / connection plate	No
Number of cables / per connection	2; Connection for internal system: Combination of 1 or 2 Wires until the sum total of cross sections be achieved in a ferrule.
Wire stripping length	6 mm
Type of connectable conductor cross-sections / solid	No
Connectable conductor cross-section • for flexible conductor / with core end processing • stranded • finely stranded / without core end processing • finely stranded / with core end processing	0.25 ... 1.5 mm ² ; End sleeve according to DIN 46228 without plastic collar 0.25 ... 1.5 mm ² 0.25 ... 1.5 mm ² 0.25 ... 1.5 mm ²
Type of wire end sleeve • without plastic sleeve / acc. to DIN 46228-1	Length 5mm to 7mm
Wire length / maximum	30 m; between front connector module and terminal module

General data

Mounting type	direct mounting
Degree of pollution	2
Overvoltage category	2
Design tested acc. to type of protection / EEx e	No
Certificate of suitability / cULus approval	Yes
Equipment marking / acc. to DIN EN 81346-2	X
Material / of the insulating body	other
Color / of the enclosure	black
Product feature / transparent	No
Net weight	0.065 kg

last modified: 01/19/2019