

FRONT CONNECTOR S7-300 40 POLE CRIMP  
 SIMATIC S7-300, Front connector for crimp contacts, without crimp contacts 40 pole, VPE=100 units



target system	SIMATIC S7-300
suitability for use	I/O modules
Product type designation	Crimp connector
Product designation	Front connector

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
Operating temperature	0 ... 60 °C
Ambient temperature	
• during operation	0 ... 60 °C
• during storage	-40 ... +70 °C
number of poles	40; of the front connector
Manufacturer's article number / of device connector / usable	replacement for S7-300 40 pole

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	crimp contact
Product component / required / connection plate	No
type of connectable conductor cross-sections / solid	No
<ul style="list-style-type: none"> <li>• Connectable conductor cross-section / for flexible conductor / with core end processing</li> <li>• Connectable conductor cross-section / stranded</li> <li>• connectable conductor cross-section / finely stranded / without core end processing</li> <li>• connectable conductor cross-section / finely stranded / with core end processing</li> </ul>	0.25 ... 1.5 mm <sup>2</sup> ; End sleeve according to DIN 46228 without plastic collar 0.5 ... 0.75 mm <sup>2</sup> 0.25 ... 1.5 mm <sup>2</sup> 0.25 ... 1.5 mm <sup>2</sup>
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
Reference code / acc. to DIN EN 81346-2	X
Material / of the insulating body	other
Color / of the enclosure	black
Product feature / transparent	No
net weight	4.842 kg

**last modified:** 07/20/2020