



FRONT CONNECTOR S7-300 20 POLE CRIMP

SIMATIC S7-300, Front connector for crimp contacts, without crimp contacts 20 pole, VPE=100 units

target system	SIMATIC S7-300
suitability for use	I/O modules
product type designation	Crimp connector
product designation	Front connector
<b>Operating data / header</b>	
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	20; of the front connector
manufacturer's article number / of device connector / usable	replacement for S7-300 20 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 / end cover plate	No
type of connectable conductor cross-sections / solid	No
connectable conductor cross-section	
• for flexible conductor / with core end processing	0.25 ... 1.5 mm <sup>2</sup> ; End sleeve according to DIN 46228 without plastic collar
• stranded	0.5 ... 1 mm <sup>2</sup>
• finely stranded / without core end processing	0.25 ... 1.5 mm <sup>2</sup>
• finely stranded / with core end processing	0.25 ... 1.5 mm <sup>2</sup>
wire length / maximum	30 m; between front connector module and terminal module
<b>General data / header</b>	
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 IEC 81346-2	X
material / of the insulating body	other
color / of the enclosure	black

product feature / transparent	No
net weight	3.871 kg
<b>last modified:</b>	12/18/2020 