SIEMENS

Data sheet 6ES7921-3AH20-1AA0



Front connector S7-300 40 Pole crimp

********** spare part ********* SIMATIC S7-300, front connector for crimp contacts, without crimp contacts 40-pole, PU=100 units

target system	SIMATIC S7-300
suitability for use	I/O modules
product brand name	SIMATIC Top connect
product type designation	Crimp connector
product designation	Front connector
electrical data / header	
operating voltage / at DC	
● rated value	24 V
● maximum	60 V
current / rated value	1 A
continuous current / at DC / per plug-in contact / maximum	1 A
connection method	
number of poles	40; of the front connector
Product component / with shield	No
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
wire length / maximum	30 m; between front connector module and terminal module
type of electrical connection / for power supply	crimp contact
position / of the terminal	at the top
type of connectable conductor cross-sections / solid	No
connectable conductor cross-section	
● for flexible conductor / with core end processing	0.25 ... 1.5 mm²; End sleeve according to DIN 46228 without plastic collar
● stranded	0.5 ... 0.75 mm²
● finely stranded / without core end processing	0.25 ... 1.5 mm²
● finely stranded / with core end processing	0.25 ... 1.5 mm²
standards, specifications, approvals	
certificate of suitability / cULus approval	Yes
design tested acc. to type of protection / EEx e	No
overvoltage category	2
degree of pollution	2
ambient conditions	
operating temperature	0 ... 60 °C
ambient temperature	
● during operation	0 ... 60 °C
● during storage	-40 ... +70
mechanical data	
mounting type	direct mounting
color / of the enclosure	black
product feature / transparent	No

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material / of the insulating body	other
net weight	4.842 kg
product component / required / end cover plate	No
further information / internet links	
internet link	
● to website: Industry Online Support	https://support.industry.siemens.com
additional information	
manufacturer's article number / of device connector / usable	replacement for S7-300 40 pole
other information	technical specifications apply to rated input voltage values and +25 °C ambient temperature (if not otherwise specified)
marketing text	The front connector for SIMATIC S7-300 40-pole for connecting the wires via crimp contacts. The wires are assembled with crimp contacts using pliers and then the crimp contact is inserted into the corresponding chamber. The crimp contacts must be ordered separately.

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