SIEMENS

Data sheet 6ES7921-4BC50-0AA1



Connecting Cable S7 Unshielded 2.5M

Front connector S7-400 for digital Pre-assembled with 4 round Cables 0.14 mm2, L = 2.5 m for digital connection modules

Technical Product Detail Page	https://i.siemens.com/1P6ES7921-4BC50-0AA1
target system	SIMATIC S7-400
suitability for use	Digital I/O modules
product brand name	SIMATIC Top connect
product type designation	Modular connection
product designation	Pre-assembled front connector
electrical data / header	
operating voltage / at DC	
● rated value	24 V
● maximum	30 V
current / rated value	1 A
continuous current / at DC / per plug-in contact / maximum	1 A
total current / maximum	4 A
connection method	
number of poles	48; of the front connector
Product component / with shield	No
type of electrical connection / for connecting cable	Screw-type terminal
number of poles / at the 1st interface	Cable is directly connected
wire length / maximum	2.5 m; between front connector module and terminal module
position / of the terminal	at the top
standards, specifications, approvals	
certificate of suitability / cULus approval	No
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	-30 ... +70
mechanical data	
mounting type	direct mounting
length	2.5 m
width / of the enclosure	2.5 mm
color / of the enclosure	black
product feature / transparent	No
material / of the insulating body	other
net weight	0.9 kg
product component / required / end cover plate	No

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further information / internet links	
internet link	
● to website: Industry Mall	https://mall.industry.siemens.com
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to web page: system cabling	https://siemens.com/simatic-top-connect
● to website: Industry Online Support	https://support.industry.siemens.com
additional information	
manufacturer's article number / of device connector / usable	replacement for S7-400 48 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 S7-400 for connection to a digital I/O module, assembled with 4 round cables 0.14qmm in length of 2.5m, is used for connection to the digital connection modules. This is plugged onto the module to be wired instead of the front connector.This modified front connector module is part of the fully modular connection of SIMATIC TOP connect for the fastest and safest system cabling. In addition to low wiring costs, error sources in cabling can be significantly reduced. Sensors andactuators from the peripherals are attached to the connection modules of SIMATIC TOP connect and linked to the SIMATIC S7-300 via connecting cable and front plug-in module.

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