SIEMENS

Data sheet 6ES7922-3BD20-0AF0



S7-300 FRONTCON. SINGLE CO. 3.2 M CRIMP

********** spare part ********* front connector for SIMATIC S7-300 20-pole (6ES7921-3AH00-0AA0) with 20 single cores 0.5 mm2, single cores H05V-K, crimp version PU=1 unit L = 3.2 m

target system	SIMATIC S7-300
suitability for use	Digital I/O modules
suitability for interaction	
● input card PLC	Yes
● PLC output card	Yes
suitability for use	
● digital signal transmission	Yes
● analog signal transmission	No
product brand name	SIMATIC Top connect
product type designation	Flexible connection
product designation	Front connector with single cores
electrical data	
operating voltage / at DC	
● rated value	24 V
● maximum	30 V
continuous current / with simultaneous load on all cores / at DC / maximum permissible	1.5 A
type of electrical connection	
● in the field	other
● on enclosure	other
connection method	
connector type	6ES7392-1AJ00-0AA0
type of connecting terminal	Crimp connection
wire length	3.2 m
number of channels	20
number of poles	20; of the front connector
marking / of cores	Number consecutively from 1 to 20 in white adapter contact = core number
standards, specifications, approvals	
certificate of suitability / cULus approval	No
ambient conditions	
ambient temperature	
● during operation	0 ... 60 °C
● during storage	-30 ... +70 °C
mechanical data	
design of cable	H05V-K
material / of the connection cable sheath	PVC
color / of cable sheath	blue
RAL color number	RAL 5010
conductor cross section / rated value	0.5 mm²

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outer diameter / of cable sheath	2.2 mm; of the cable
net weight	0.779 kg
further information / internet links	
internet link / to website: CAx-Download-Manager	https://siemens.com/cax
internet link / to website: Industry Online Support	https://support.industry.siemens.com
additional information	
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)
marketing text	The pre-assembled 20-pole front connector with 20 single wires of type H05V-K, conductor cross-section 0.5qmm, with a length of 3.2m in spring-loaded version is intended for connection to a digital I/O module of the SIMATIC S7-300. This is plugged onto the module to be wired instead of the front connector. This allows the signals of the digital I/O module to be easily connected to the elements to be wired via the numbered individual wires.This front connector with single wires is part of the flexible connection of SIMATIC TOP connect for the fastest and safest system cabling. In addition to a 50% lower wiring effort, sources of errors in cabling can be significantly reduced.

Classifications

	Version	Classification
eClass	16	27-24-22-20
eClass	14	27-24-22-20
eClass	12	27-24-22-20
eClass	9.1	27-24-22-20
eClass	9	27-24-22-20
eClass	8	27-24-92-05
eClass	7.1	27-24-92-05
eClass	6	27-24-92-05
ETIM	10	EC000237
ETIM	9	EC000237
ETIM	8	EC000237
ETIM	7	EC000237
IDEA	4	3553
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval

Declaration of Conformity	Manufacturer Declaration	China RoHS	Manufacturer Declaration

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