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Data sheet 6ES7924-2CC20-0AA0

	50IDC TERM. BL. TPA SCREW TERM. S7-1500 Connection module TPA 3-tier for analog Modules of the SIMATIC S7-1500 Type: Screw terminal without LED, VPE=1 unit 50 pole IDC connector for cable
target system	SIMATIC S7-1500
suitability for use	Analog I/O modules
product type designation	Fully modular connection
product designation	Connection module

Operating data / header	
operating voltage	
• at DC / rated value	24 V
• rated value	50 V
• at DC / maximum	50 V
current / rated value	1 A
continuous current / at DC / per signal cable / maximum	1 A
operating temperature	0 ... 60 °C
ambient temperature	
• during operation	0 ... 60 °C
• during storage	-40 ... +70 °C
number of terminal levels	1
number of terminal points / per terminal level	1
number of terminals	72; Intended for analog
type of connecting terminal	Screw-type terminal
type of electrical connection / for actuators and sensors	Screw-type terminal
position / of the terminal	Top
design of LED initiator/actuator terminal	Screw-type terminal
width of screwdriver blade	3.5 mm
tightening torque / with screw-type terminals	0.4 ... 0.5 N·m
design of terminal / terminal levels internally linked	No
product component	
• PE connection	No
• shield connection	No
• disconnector	No
• required / connection plate	No
product feature / infeed function	Yes
product feature / cross-connectable	No

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number of cables / per connection	2; Connection for internal system: Combination of 1 or 2 Wires until the sum total of cross sections be achieved in a ferrule.
type of connectable conductor cross-sections / solid	No
connectable conductor cross-section	
• for flexible conductor / with core end processing	0.5 ... 2.5 mm²; End sleeve according to DIN 46228/1
• stranded	0.5 ... 2.5 mm²
• finely stranded / with core end processing	0.5 ... 2.5 mm²
number of poles / at the 1st interface	50; the IDC connector for the connection cable
type of electrical connection / for connecting cable	Plug-in connection
number of the plug contacts / of the electrical connection	1
wire length / maximum	30 m; between front connector module and Connection module

General data / header	
mounting type	DIN rail 35 mm, DIN rail 15 mm
installation or assembly note	any
mounting position	any
degree of pollution	2
overvoltage category	2
combustibility class acc. to UL 94	V1
insulation material	other
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
color	
• of the enclosure	grey
• of the light source	without
length	76 mm
height / of the enclosure	76 mm
width / of the enclosure	130 mm
depth / of the enclosure	60 mm
height / with lowest-profile installation	60 mm
net weight	0.41 kg

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