SIEMENS

Data sheet

6ES7924-2AA20-0AA0

32K TERM. BLOCK TP1 W/O LED SCREW TERM. Connection module TP1 32 channels a. 4x2 terminals f. Potential supply Type: Screw terminal without LED, VPE=1 unit 50 pole IDC connector f. cable



Target system	SIMATIC S7-1500
Suitability for use	Digital I/O modules
Product type designation	Fully modular connection
Product designation	Connection module

Operating data	
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
Total current / maximum	2 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

Type of connecting terminal Type of electrical connection / for actuators and sensors Position / of the terminal Design of LED initiator/actuator terminal Width of screwdriver blade Tightening torque / with screw-type terminals Design of terminal / Terminal levels internally linked Product component PE connection Shield connection Shield connection Product feature / Infeed function Product feature / Infeed function Product feature / cross-connectable No No No Connectable conductor cross-section for flexible conductor / with core end processing Nomber of poles / at the 1st interface Type of electrical connection / for connecting cable number of the plug contacts / of the electrical connection Type of connection / for connecting cable No No Screw-type terminal No No No No No No Product campaction plate No Product feature / Infeed function Yes Product feature / Infeed function Yes Product feature / Infeed function Yes Product feature / connection of 1 or 2 Wires until the sum total of cross sections be achieved in a ferrule. No O.5 2.5 mm²; End sleeve according to DIN 46228/1 O.5 2.5 mm² Screw-type terminal O.4 0.5 N·m No O.5 2.5 mm² Screw-type terminal O.5 2.5 mm² Screw-typ
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Type of electrical connection / for connecting cable Plug-in connection number of the plug contacts / of the electrical 1
number of the plug contacts / of the electrical 1
connection
Wire length / maximum 30 m; between front connector module and Connection module
General data
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
Insulation material other
Design tested acc. to type of protection / EEx e
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

76 mm

Length

Height / of the enclosure	76 mm
Width / of the enclosure	100 mm
Depth / of the enclosure	60 mm
Height / with lowest-profile installation	60 mm
Net weight	0.31 kg