MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6GT2002-1HD01

RF170C READER CONNECTION BLOCK

Used with the applicable SIMATIC RF configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official technical documentation for 6GT2002-1HD01

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Data sheet 6GT2002-1HD01

product type designation



Figure similar

Connection block for RF170C

RFID connection block for RF170C for connection of 2 readers via M12 plug-in connector RS-422 or RS232.

suitability for operation	Connection block for RF170C, to connect readers and RS232 devices
interfaces	
design of the interface / for point-to-point connection	RS422/RS232
number of readers / connectable	2
design of the interface / to the reader / for communication	M12, 8-pin
mechanical data	
material	Die-cast zinc
color	silver
tightening torque / of the screw for securing the equipment / maximum	1.5 N·m
supply voltage, current consumption, power loss	
supply voltage / at DC	
● rated value	24 V
●	20 ... 30 V
ambient conditions	
ambient temperature	
● during operation	-25 ... +55 °C
● during storage	-40 ... +70 °C
● during transport	-40 ... +70 °C
protection class IP	IP67
shock resistance	According to IEC 61131-2
shock acceleration	300 m/s²
vibrational acceleration	100 m/s²
design, dimensions and weights	
width	90 mm
height	130 mm
depth	25 mm
net weight	0.5 kg
fastening method	4 screws included
product features, product functions, product components / general	
display version	4 LEDs per reader connection, 1 LEDs for device status
standards, specifications, approvals	
certificate of suitability	CE, FCC, cULus
MTBF	1100 a
reference code	
● according to IEC 81346-2:2019	KEC
product function / is supported / identification link	No
standards, specifications, approvals / Environmental Product Declaration	

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Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
● total	101.43 kg
● during manufacturing	16 kg
● during operation	85.3 kg
● after end of life	0.13 kg

further information / internet links

internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to web page: identification and localization systems	https://www.siemens.com/ident
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

security information

security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval	Environment
CCC, RCM	Confirmation

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