SIEMENS

Data sheet	6GT2002-0HD00

Product type designation	RF170C communication module
	RFID

Suitability for operation	Dezentrale Peripherie ET 200pro together with RF200/300/600, MV400, MOBY D/E/I/U

Transmission rate

Transfer rate / at the point-to-point connection / serial / maximum	115.2 kbit/s

Interfaces

Design of the interface / for point-to-point connection	RS422 via connection block
Number of readers / connectable	2
Type of electrical connection	
• of the backplane bus	ET 200pro backplane bus
• of the PROFIBUS interface	(according to the head module)
• of Industrial Ethernet interface	(according to the head module)
• for supply voltage	ET 200pro backplane bus
Design of the interface / to the reader / for communication	Internal plug to the connection block

Mechanical data

Material	Thermoplastic (Valox 467, fiberglass reinforced)
Color	IP Basic 714

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
• at DC	20 ... 30 V
Consumed current / at DC / at 24 V	
• without connected devices / typical	0.13 A
• with connected devices / maximum	1 A

Permitted 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 weight

Width	90 mm
Height	130 mm
Depth	35 mm
Net weight	0.27 kg
Mounting type	ET 200pro rack
Wire length / for RS 422 interface / maximum	1000 m

Product properties, functions, components / general

Display version	(see connection block)
Product function / transponder file handler can be addressed	No
Protocol / is supported	
• S7 communication	Yes
Type of parameterization	HSP
Type of programming	FB 45, FB 55 (FC 45/55 with limited functionality)
Type of computer-mediated communication	acyclic communication

Standards, specifications, approvals

Certificate of suitability	CE, FCC, cULus
MTBF	129 y

Accessories

accessories	Connection block for RF170C

Further Information / Internet Links

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

http://www.siemens.com/snst

http://www.siemens.com/simatic-net

https://mall.industry.siemens.com

http://www.siemens.com/industry/infocenter

http://automation.siemens.com/bilddb

http://www.siemens.com/cax

https://support.industry.siemens.com

Security information

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