SIEMENS

Data sheet   **6GT2002-0GA10**

product type designation	ASM 475 communication module
	MOBY communication module ASM475 for SIMATIC S7 300 and ET200M parameterizable (without front connector)

transfer 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
number of readers / connectable	2
type of electrical connection	
● of the backplane bus	S7-300 backplane bus
● of the PROFIBUS interface	(according to the head module)
● of Industrial Ethernet interface	(according to the head module)
● for supply voltage	Screw-type or spring-loaded terminals
design of the interface / to the reader / for communication	Screw-type or spring-loaded terminals

mechanical data	
material	Noryl
color	anthracite

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	0.1 A
● with connected devices / maximum	1 A

ambient conditions	
ambient temperature	
● during operation	0 ... 60 °C
● during storage	-40 ... +70 °C
● during transport	-40 ... +70 °C
protection class IP	IP20
shock resistance	According to IEC 61131-2
shock acceleration	150 m/s²
vibrational acceleration	10 m/s²

design, dimensions and weights	
width	40 mm
height	125 mm
depth	120 mm
net weight	0.2 kg

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fastening method	S7-300 rack
wire length / for RS 422 interface / maximum	1000 m
product features, product functions, product components / general	
display version	4 LEDs per reader connection, 2 LEDs for device status
product function / addressable transponder file handler	Yes
protocol / is supported	
● S7 communication	Yes
product functions / management, configuration, engineering	
type of parameterization	Object manager, GSD
type of programming	FB 45, FB 55, FC 56 (FC 45/55 with limited functionality)
type of computer-switched communication	acyclic communication
standards, specifications, approvals	
certificate of suitability	CE, FCC, UL/CSA
accessories	
accessories	Front connector with screw-type or spring-loaded terminals
further information / internet-Links	
Internet-Link	
● to web page: selection aid TIA Selection Tool	https://support.industry.siemens.com/cs/ww/en/view/67384964
● to website: Industrial communication	http://www.siemens.com/ident/rfid
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx-Download-Manager	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
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