SIEMENS

Data sheet	6GT2002-0GA10

Product type designation	ASM 475 communication module
	MOBY COMMUNICATION MODULE ASM 475 FOR SIMATIC S7 300 AND ET 200M CONFIGURABLE (W/O FRONT CONNECTORS)

Suitability for operation	SIMATIC S7-300, ET200M together with RF200/300/600, MOBY D/E/I/U, MV

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
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	
• for DC / Rated value	24 V
• for DC	20 ... 30 V
Consumed current / for DC / at 24 V	

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• without connected devices / typical	0.1 A
• with connected devices / maximum	1 A

Permitted 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
Resistance against vibration	10 m/s²

Design, dimensions and weight

Width	40 mm
Height	125 mm
Depth	120 mm
Net weight	0.2 kg
Mounting type	S7-300 rack
Cable length / for RS 422 interface / maximum	1000 m

Product properties, functions, components / general

Display version	4 LEDs per reader connection, 2 LEDs for device status
• Product function / transponder file handler can be addressed	Yes
Protocol / is supported	
• S7 communication	Yes
Type of parameterization	Object manager, GSD
Type of programming	FB 45, FB 55, FC 56 (FC 45/55 with limited functionality)
Type of computer-mediated 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 website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• 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

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