

Product type designation

ASM 475 communication module

MOBY communication module ASM475 for SIMATIC S7 300 and ET200M parameterizable (without front connector)



Suitability for operation

SIMATIC S7-300, ET200M together with RF200/300/600, MV400, MOBY D/E//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

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

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/s ²
Vibrational acceleration	10 m/s ²

Design, dimensions and weight

Width	40 mm
Height	125 mm
Depth	120 mm
Net weight	0.2 kg
Mounting type	S7-300 rack
Wire 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
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Accessories

accessories	Front connector with screw-type or spring-loaded terminals
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Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	https://support.industry.siemens.com/cs/ww/en/view/67384964

- 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/ident/rfid>

<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

Security information

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