

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, 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 • of the PROFIBUS interface • of Industrial Ethernet interface • for supply voltage	S7-300 backplane bus (according to the head module) (according to the head module) 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
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
- 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/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

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit <http://www.siemens.com/industrialsecurity>. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <http://support.automation.siemens.com>. (V3.4)

last modified:

10/07/2016