

product type designation



ASM 475 communication module

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

suitability for operation

SIMATIC S7-300, ET200M together with RF200/300, MV400/500, MOBY D/E/I/U

transfer rate

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

design of the interface / for point-to-point connection	RS422
number of readers / connectable	2
type of electrical connection	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> at DC / rated value at DC 	24 V 20 ... 30 V
consumed current / at DC / at 24 V	
<ul style="list-style-type: none"> without connected devices / typical with connected devices / maximum 	0.1 A 1 A

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	0 ... 60 °C -40 ... +70 °C -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 weights

width	40 mm
height	125 mm
depth	120 mm
net weight	0.2 kg

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	Yes
• 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	
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)

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