

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	
• 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
• Consumed current / from supply voltage 1L+ / 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/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	
• 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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