

### product type designation



### ASM 475 communication module

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

transfer 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	<ul style="list-style-type: none"> <li>• of the backplane bus</li> <li>• of the PROFIBUS interface</li> <li>• of Industrial Ethernet interface</li> <li>• for supply voltage</li> </ul>
design of the interface / to the reader / for communication	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"> <li>• at DC / rated value</li> <li>• at DC</li> </ul>
consumed current / at DC / at 24 V	<ul style="list-style-type: none"> <li>• without connected devices / typical</li> <li>• with connected devices / maximum</li> </ul>
ambient conditions	
ambient temperature	<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> </ul>
protection class IP	IP20
shock resistance	According to IEC 61131-2
shock acceleration	150 m/s <sup>2</sup>
vibrational acceleration	10 m/s <sup>2</sup>
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	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>
• to website: Industrial communication	<a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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 <a href="http://www.siemens.com/industrialsecurity">http://www.siemens.com/industrialsecurity</a> . To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <a href="http://support.automation.siemens.com">http://support.automation.siemens.com</a> . (V3.4)

last modified:

12/16/2020 