# SIEMENS

## Data sheet

## 6GT2002-0GA10

### 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
interfaces	
design of the interface / for point-to-point connection	RS422
number of readers / connectable	2
type of electrical connection	
<ul> <li>of the backplane bus</li> </ul>	S7-300 backplane bus
<ul> <li>of the PROFIBUS interface</li> </ul>	(according to the head module)
<ul> <li>of Industrial Ethernet interface</li> </ul>	(according to the head module)
<ul> <li>for supply voltage</li> </ul>	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> <li>at DC / rated value</li> </ul>	24 V
• at DC	20 30 V
consumed current / at DC / at 24 V	
<ul> <li>without connected devices / typical</li> </ul>	0.1 A
<ul> <li>with connected devices / maximum</li> </ul>	1 A
ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	0 60 °C
<ul> <li>during storage</li> </ul>	-40 +70 °C
<ul> <li>during transport</li> </ul>	-40 +70 °C
protection class IP	IP20
shock resistance	According to IEC 61131-2
shock acceleration	150 m/s²
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		
<ul> <li>S7 communication</li> </ul>	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		
<ul> <li>to web page: selection aid TIA Selection Tool</li> </ul>	https://support.industry.siemens.com/cs/ww/en/view/67384964	
<ul> <li>to website: Industrial communication</li> </ul>	http://www.siemens.com/ident/rfid	
<ul> <li>to website: Industry Mall</li> </ul>	https://mall.industry.siemens.com	
<ul> <li>to website: Information and Download Center</li> </ul>	http://www.siemens.com/industry/infocenter	
<ul> <li>to website: Image database</li> </ul>	http://automation.siemens.com/bilddb	
<ul> <li>to website: CAx-Download-Manager</li> </ul>	http://www.siemens.com/cax	
<ul> <li>to website: Industry Online Support</li> </ul>	https://support.industry.siemens.com	
security information		
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