

### 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, MOBY D/E/I/U, MV

### 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 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

- for DC / Rated value 24 V
- for DC 20 ... 30 V

Consumed current / for DC / at 24 V

- without connected devices / typical
- with connected devices / maximum

0.1 A

1 A

### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	0 ... 60 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-40 ... +70 °C
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	-40 ... +70 °C
Protection class IP	IP20
Shock resistance	According to IEC 61131-2
Shock acceleration	150 m/s <sup>2</sup>
Resistance against vibration	10 m/s <sup>2</sup>

### Design, dimensions and weight

Width	40 mm
Height	125 mm
Depth	120 mm
Net weight	0.2 kg
Mounting type	S7-300 rack
Cable 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
<ul style="list-style-type: none"> <li>• Product function / transponder file handler can be addressed</li> </ul>	Yes
Protocol / is supported	
<ul style="list-style-type: none"> <li>• S7 communication</li> </ul>	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
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### Accessories

accessories	Front connector with screw-type or spring-loaded terminals
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### Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
<ul style="list-style-type: none"> <li>• to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
<ul style="list-style-type: none"> <li>• to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>• to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a>
<ul style="list-style-type: none"> <li>• to website: Image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>• to website: CAx Download Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>

## Security information

### Security information

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