

Product type designation

ASM 475 communication module

MOBY communication 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
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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 	<p>24 V</p> <p>20 ... 30 V</p>
Consumed current / at DC / at 24 V	
<ul style="list-style-type: none"> • without connected devices / typical • with connected devices / maximum 	<p>0.1 A</p> <p>1 A</p>

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage • during transport 	<p>0 ... 60 °C</p> <p>-40 ... +70 °C</p> <p>-40 ... +70 °C</p>
Protection class IP	IP20
Shock resistance	According to IEC 61131-2
Shock acceleration	150 m/s ²
Vibrational acceleration	10 m/s ²
Width	40 mm
Height	125 mm
Depth	120 mm
Net weight	0.2 kg
Mounting type	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 / transponder file handler can be addressed	Yes
Protocol / is supported	
<ul style="list-style-type: none"> • 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-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"> • to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication 	<p>https://support.industry.siemens.com/cs/ww/en/view/67384964</p> <p>http://www.siemens.com/ident/rfid</p>

- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

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Security information

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