

## Data sheet

6GT2002-0GA10

### product type designation



### ASM 475 communication module

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

Technical Product Detail Page

<https://i.siemens.com/1P6GT2002-0GA10>

### 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

- 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 / at DC

- rated value
- 

24 V  
20 ... 30 V

consumed current

- at DC / at 24 V / without connected devices / typical
- from supply voltage 1L+ / maximum

0.1 A  
1 A

### ambient conditions

ambient temperature

- during operation
- during storage
- during transport

0 ... 60 °C  
-40 ... +70 °C  
-40 ... +70 °C

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
<b>product features, product functions, product components / general</b>	
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
<b>product functions / management, configuration, engineering</b>	
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
<b>standards, specifications, approvals</b>	
certificate of suitability	CE, FCC, UL/CSA
product function / is supported / identification link	No
<b>standards, specifications, approvals / Environmental Product Declaration</b>	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	81.81 kg
• during manufacturing	16 kg
• during operation	65.68 kg
• after end of life	0.13 kg
<b>accessories</b>	
accessories	Front connector with screw-type or spring-loaded terminals
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>
• to web page: identification and localization systems	<a href="https://www.siemens.com/ident">https://www.siemens.com/ident</a>
• to web page: SiePortal	<a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>
• to website: Image database	<a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>security information</b>	
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<b>Approvals / Certificates</b>	
<b>General Product Approval</b>	

[Declaration of Con-formity](#)



[China RoHS](#)

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