

Product type designation

SLG D10S ANT D5 reader

MOBY D READ/WRITE UNIT SLG D10S ANT D5 WITH SERIAL INTERFACE RS 422 FOR CONNECTING TO ASM 452/473/475, MAX. READ/ WRITE DISTANCE UP TO 600 MM (DEPENDING ON LABEL)



Figure similar

Suitability for operation	ISO 15693 Transponder (MDS Dxxx), for connecting to communication modules
Wireless frequencies	
Operating frequency / Rated value	13.56 MHz
Electrical data	
Range / maximum	500 mm; Range adjustable in reader via transmission power, range is dependent on transponder type: observe http://support.automation.siemens.com/WW/view/en/67384964
Protocol / with radio transmission	ISO 15693, ISO 18000-3
Transfer rate / with radio transmission / maximum	26.5 kbit/s
Product feature / multitag-capable	No
Transfer rate / at the point-to-point connection / serial / maximum	115.2 kbit/s
Transmission time / for user data	
• for write access / per byte / typical	2.5 ms
• for read access / per byte / typical	2.5 ms

Interfaces	
Number of external antennas	1
Standard for interfaces / for communication	RS422
Type of electrical connection	
<ul style="list-style-type: none"> • for external antenna(s) • for supply voltage • for communications interface 	TNC M12, 4-pin, female connector Sub-D, 9-pin, male
Mechanical data	
Material	Aluminum (basic unit), ASA (antenna)
Color	anthracite (basic unit), black (antenna)
Supply voltage, current consumption, power loss	
Supply voltage	
<ul style="list-style-type: none"> • at DC / Rated value • at DC 	24 V 22.8 ... 25.2 V
Consumed current / at DC / at 24 V	
<ul style="list-style-type: none"> • typical • maximum 	1.4 A 2.8 A
Permitted ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage • during transport 	-20 ... +55 °C -25 ... +70 °C -25 ... +70 °C
Protection class IP	IP65
Shock resistance	EN 60721-3-7 Class 7 M2
Shock acceleration	300 m/s ²
Vibrational acceleration	15 m/s ²
Design, dimensions and weight	
Width	145 mm
Height	100 mm
Depth	320 mm
Net weight	4.5 kg
Mounting type	4 x M6 screws
Wire length	
<ul style="list-style-type: none"> • of antenna cable / fixed value • for RS 422 interface / maximum 	3.6 m 300 m
Product properties, functions, components / general	
Display version	-
Standards, specifications, approvals	
Certificate of suitability	CE, FCC, IC (Canada), UL 60950, safe for cardiac pacemakers
MTBF	9 y

Further Information / Internet Links

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL <https://support.industry.siemens.com/cs/ww/en/view/67384964>
- to website: Industrial communication <http://www.siemens.com/ident/rfid>
- to website: Industry Mall <https://mall.industry.siemens.com>
- to website: Information and Download Center <http://www.siemens.com/industry/infocenter>
- to website: Image database <http://automation.siemens.com/bilddb>
- to website: CAx Download Manager <http://www.siemens.com/cax>
- to website: Industry Online Support <https://support.industry.siemens.com>

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