

Product type designation

SLG D11S reader

MOBY D READ/WRITE UNIT, SLG D11S BASIC UNIT, W/O ANTENNA, WITH SERIAL INTERFACE RS 422 FOR CONNECT. TO ASM 452/473/475



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

380 mm; 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

19.2 kbit/s

Transmission time / for user data

- for write access / per byte / typical
- for read access / per byte / typical

2.5 ms

2.5 ms

Interfaces

Number of external antennas

1

Standard for interfaces / for communication

RS422

Type of electrical connection	
• for external antenna(s) • for supply voltage • for communications interface	TNC M12, 4-pin, female connector Sub-D, 9-pin, male
Mechanical data	
Material	PA 12
Color	anthracite
Tightening torque / of the screw for securing the equipment / maximum	2 N·m
Mounting distance / relating to metal surfaces / recommended / minimum	0 mm
Supply voltage, current consumption, power loss	
Supply voltage	
• at DC / Rated value • at DC	24 V 20 ... 30 V
Consumed current / at DC / at 24 V	
• typical • maximum	0.2 A 0.6 A
Permitted ambient conditions	
Ambient temperature	
• during operation • during storage • during transport	-25 ... +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	80 mm
Height	40 mm
Depth	160 mm
Net weight	0.26 kg
Mounting type	2 x M5 screws
Cable length	
• of antenna cable / minimum • of antenna cable / maximum • for RS 422 interface / maximum	3.3 m 10.5 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	23 y

Accessories

accessories	Various antennas are available
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Further Information / Internet Links

Internet-Link

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| <ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication • 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://support.industry.siemens.com/cs/ww/en/view/67384964

http://www.siemens.com/ident/rfid
https://mall.industry.siemens.com
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