

Product type designation

SLG D11S reader

MOBY D write/read device SLG D11S basic unit without antenna, with serial interface RS422 for connection to ASM 452/473/475



Suitability for operation	ISO 15693 Transponder (MDS Dxxx), for connecting to communication modules
Radio frequencies	
Operating frequency / Rated value	13.56 MHz
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
Electrical data	
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	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 	<p>TNC</p> <p>M12, 4-pin, female connector</p> <p>Sub-D, 9-pin, male</p>

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	
<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"> • typical • maximum 	<p>0.2 A</p> <p>0.6 A</p>

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage • during transport 	<p>-25 ... +55 °C</p> <p>-25 ... +70 °C</p> <p>-25 ... +70 °C</p>
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
Width	80 mm
Height	40 mm
Depth	160 mm
Net weight	0.26 kg
Mounting type	2 x M5 screws
Wire length	
<ul style="list-style-type: none"> • of antenna cable / minimum • of antenna cable / maximum • for RS 422 interface / maximum 	<p>3.3 m</p> <p>10.5 m</p> <p>300 m</p>

Product features, product functions, product components / general

Display version	-
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Standards, specifications, approvals

Certificate of suitability	CE, FCC, IC (Canada), UL 60950, safe for cardiac pacemakers
Certificate of suitability	

- IECEx

No

MTBF

23 y

accessories

accessories

Various antennas are available

Further information / Internet-Links

Internet-Link

- 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>

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

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

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

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

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