

product type designation

SLG D11S reader

***** spare part ***** MOBY D write/read device SLG D11S basic unit without antenna, with serial interface RS 422 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	
<ul style="list-style-type: none"> for write access / per byte / typical 	2.5 ms
<ul style="list-style-type: none"> 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) 	TNC
<ul style="list-style-type: none"> for supply voltage 	M12, 4-pin, female connector
<ul style="list-style-type: none"> for communications interface 	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	
<ul style="list-style-type: none"> at DC / rated value 	24 V
<ul style="list-style-type: none"> at DC 	20 ... 30 V
consumed current / at DC	
<ul style="list-style-type: none"> at 24 V / typical 	0.2 A
<ul style="list-style-type: none"> at 24 V / maximum 	0.6 A

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> during operation 	-25 ... +55 °C
<ul style="list-style-type: none"> during storage 	-25 ... +70 °C
<ul style="list-style-type: none"> during transport 	-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 weights	
width	80 mm
height	40 mm
depth	160 mm
net weight	0.26 kg
fastening method	2 x M5 screws
wire length	
• of antenna cable / minimum	3.3 m
• of antenna cable / maximum	10.5 m
• for RS 422 interface / maximum	300 m
product features, product functions, product components / general	
display version	-
standards, specifications, approvals	
certificate of suitability	CE, FCC, IC (Canada), UL 60950, safe for cardiac pacemakers
certificate of suitability	
• IECEx	No
MTBF	23 a
accessories	
accessories	Various antennas are available
further information / internet links	
internet link	
• to web page: selection aid TIA 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

last modified:

10/6/2023 