SIEMENS

Data sheet 6GT2698-1AC00

product type designation	**SLG D11 reader**
	- - spare part - - MOBY D write/read device SLG D11 basic unit without antenna with serial interface RS 232 for standard PC.



product brand name	SIMATIC RF
suitability for operation	ISO 15693 Transponder (MDS Dxxx), for connecting to PC systems
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	Yes
electrical data	
transfer rate / at the point-to-point connection / serial / maximum	38.4 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	RS232
type of electrical connection	
● for external antenna(s)	TNC
● for supply voltage	M12, 4-pin, female connector
● 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 / at DC	
● rated value	24 V
●	20 ... 30 V
consumed current / at DC	
● at 24 V / typical	0.2 A
● at 24 V / maximum	0.6 A
ambient conditions	
ambient temperature	
● during operation	-25 ... +55 °C
● during storage	-25 ... +70 °C

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● during transport	-25 ... +70 °C
protection class IP	IP65
shock resistance	EN 60721-3-7 Class 7 M2
shock acceleration	300 m/s²
vibrational acceleration	15 m/s²
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
● with RS 232 interface / maximum	30 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://www.siemens.com/tstcloud
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

Approvals / Certificates

General Product Approval					EMV
CE EG-Konf.	EAC	China RoHS	Manufacturer Declaration	Miscellaneous	KC

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