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Data sheet 6GT2501-0BA00

product type designation	**SLG U92 FCC reader**
	********** spare part ********* MOBY U read/write unit SLG U92 with RS 422, antenna integrated, for USA, Europe; IP65, -25 to +70 °C, 290x 135x 42 mm, max. limit distance: 3 m file handler and direct write/read, multi-identification capability: up to 12 MDS, with FCC approval.



Figure similar

product brand name	SIMATIC RF
suitability for operation	MOBY U, for connecting to communication modules
radio frequencies	
operating frequency	2400 ... 2483.5 MHz
equivalent isotropically radiated power	
● minimum	0.7 mW
● maximum	0.7 mW
range / maximum	3 m; Range adjustable in reader in steps of 0.5 m
protocol / with radio transmission	ISO 18000-4
transfer rate / with radio transmission / maximum	384 kbit/s
product feature / multitag-capable	Yes
polarization	circular
electrical data	
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	0.13 ms
● for read access / per byte / typical	0.21 ms
interfaces	
standard for interfaces / for communication	RS422
type of electrical connection	6-pin connector compliant with EN 175201-804
● at the digital inputs/outputs	11-pin connector compliant with EN 175201-804
number of digital inputs	2
number of digital outputs	0
mechanical data	
material	PA 12 GF 25
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	0.3 A
● at 24 V / maximum	0.3 A

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ambient conditions	
ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
protection class IP	IP65
shock resistance	EN 60721-3-7, Class 7 M3
shock acceleration	300 m/s²
vibrational acceleration	15 m/s²
design, dimensions and weights	
width	135 mm
height	42 mm
depth	290 mm
net weight	0.9 kg
fastening method	4 x M6 screws
wire length	
● for RS 422 interface / maximum	1000 m
product features, product functions, product components / general	
display version	2 LEDs
product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	RF: EN 300440-2, SAR: EN 50371, safety: EN 60950-1, EMC: EN 301489-01, EN 301489-03, ENV 50204, FCC Part 15C (USA), cULus, safe for heart pacemakers
certificate of suitability	
● IECEx	No
MTBF	68 a
further information / internet links	
● internet link / to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● internet link / to website: Image database	https://www.automation.siemens.com/bilddb
● internet link / to website: CAx-Download-Manager	https://www.siemens.com/cax
● internet link / to website: Industry Online Support	https://support.industry.siemens.com

Approvals / Certificates

General Product Approval | **EMV**

China RoHS | Manufacturer Declaration | Miscellaneous

Radio Equipment Type Approval Certificate

Miscellaneous

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