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Data sheet 6GT2503-1AA00

product type designation	**Reader/Antenna SLG U92 with Li-Ion accumulator**
	- - spare part - - MOBY U antenna STG U for handheld terminal STG U, with battery, without power supply unit STG-U, without software, without description.



suitability for operation	MOBY U, to be connected to hand terminal Psion workabout mx
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	RS232
type of electrical connection	
● for supply voltage	4-pin female connector for connecting to charger
● for communications interface	integrated sub-D connector, 9 pin
mechanical data	
material	Valox 357
color	anthracite
supply voltage, current consumption, power loss	
supply voltage / at DC	
● rated value	12 V
consumed current / at DC	
● at 24 V / typical	1.225 A
ambient conditions	
ambient temperature	
● during operation	-20 ... +60 °C
● during storage	-25 ... +70 °C
● during transport	-25 ... +70 °C
protection class IP	IP54
design, dimensions and weights	
width	235 mm
height	93 mm
depth	282 mm

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net weight	1 kg
fastening method	mounting adaptor for Psion workabout mx
product features, product functions, product components / general	
display version	-
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
accessories	
accessories	replacement accu: LiIon-Accu-Pack (7,2 V 1,8 Ah)
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	Radio Equipment Type Approval Certificate
EAC	CE EG-Konf.	CCC	KC	Miscellaneous

Miscellaneous

Environment

Confirmation

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