SIEMENS

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.



product brand name	SIMATIC RF
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

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height	93 mm
depth	282 mm
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
EAC	CE EG-Konf.	China RoHS	Manufacturer Declaration	Miscellaneous	KC

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