

### Product type designation

**Reader/Antenna SLG U92 with Li-Ion accumulator**  
 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
<b>Radio frequencies</b>	
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
<b>Electrical data</b>	
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	4-pin female connector for connecting to charger integrated sub-D connector, 9 pin
<ul style="list-style-type: none"><li>• for supply voltage</li><li>• for communications interface</li></ul>	

## Mechanical data

Material	Valox 357
Color	anthracite

## Supply voltage, current consumption, power loss

Supply voltage	
<ul style="list-style-type: none"><li>• at DC / Rated value</li></ul>	12 V
Consumed current / at DC / at 24 V	
<ul style="list-style-type: none"><li>• typical</li></ul>	1.225 A

## Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"><li>• during operation</li><li>• during storage</li><li>• during transport</li></ul>	-20 ... +60 °C -25 ... +70 °C -25 ... +70 °C
Protection class IP	IP54
Width	235 mm
Height	93 mm
Depth	282 mm
Net weight	1 kg
Mounting type	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	
<ul style="list-style-type: none"><li>• IECEx</li></ul>	No
MTBF	68 y

## accessories

accessories	replacement accu: Lilon-Accu-Pack (7,2 V 1,8 Ah)
-------------	--

## Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"><li>• to website: Selector SIMATIC NET SELECTION TOOL</li></ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>

- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://www.siemens.com/ident/rfid>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

**last modified:**

11/15/2019