

product type designation

SLG U92 ETSI reader

-- spare part -- MOBY U read/write unit SLG U92 with RS 232, antenna integrated, for Europe; IP65, -25 to +70 °C, 290x 135x 42 mm, max. limit distance: 3 m file handler and direct write/read, multi-ident. capability: up to 12 MDS.



suitability for operation

MOBY U, for connecting to PC systems

### radio frequencies

operating frequency	2400 ... 2483.5 MHz
equivalent isotropically radiated power	
• minimum	10 mW
• maximum	10 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	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

### ambient conditions

ambient temperature	
• during operation	-25 ... +70 °C

<ul style="list-style-type: none"> <li>during storage</li> </ul>	-40 ... +85 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-40 ... +85 °C
protection class IP	IP65
shock resistance	EN 60721-3-7, Class 7 M3
shock acceleration	300 m/s <sup>2</sup>
vibrational acceleration	15 m/s <sup>2</sup>

#### 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 <ul style="list-style-type: none"> <li>with RS 232 interface / maximum</li> </ul>	30 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 <ul style="list-style-type: none"> <li>IECEX</li> </ul>	No
MTBF	68 a

#### further information / internet links

internet link <ul style="list-style-type: none"> <li>to web page: selection aid TIA Selection Tool</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> </ul>	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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#### Approvals / Certificates

General Product Approval	EMV	Radio Equipment Type Approval Certificate
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#### Environment

[Confirmation](#)

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