

Product-type designation

RF630R reader ETSI



SIMATIC RF600 READER RF630R ETSI FOR UHF-FREQUENCIES IN EUROPE INTERFACE RS422 FOR TIA-INTEGRATION CONNECTION OF MAX. 2 EXTERNAL ANTENNAS IP65, -25 UP TO +55 DGR/C MAX. DISTANCE: 2M (W/O ANTENNA, W/O ACCESSORIES)

Suitability for installation

RF600 transponder, for connecting to communication modules

Wireless frequencies

Operating frequency

865 ... 868 MHz

Transmit power

65 ... 500 mW

Electrical data

Range / maximum

6 m

Protocol / for radio transmission

EPCglobal Class 1 Gen 2 / ISO 18000-6C

Transfer rate / with radio transmission / maximum

320 kbit/s

Product property / multitag-capable

Yes

Transmission rate / at point-to-point connection / serial / maximum

115.2 kbit/s

Transmission time / for user data

- for write access / per byte / typical

6.3 ms

- for read access / per byte / typical

1 ms

Interfaces

Number of external antennas

2

Standard for interfaces / for communication

RS422

- for communications interface

M12, 8-pin

Mechanical data

Material

Aluminum, ABS (GF20)

Color

Silver/anthracite

Supply voltage, current consumption, power loss	
Supply voltage	
• for DC / rated value	24 V
• for DC	21.6 ... 30 V
Consumed current / At 24 V / with DC	
• typical	0.395 A
• maximum	0.47 A
Permitted ambient conditions	
Ambient temperature	
• during operating	-25 ... +55 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Protection class IP	IP65
Resistance against shock	EN 60068-2-27, EN 60068-2-6
Resistance against shock	500 m/s ²
Resistance against vibration	200 m/s ²
Design, dimensions and weight	
Width	193 mm
Height	252 mm
Depth	52 mm
Net weight	1.77 kg
Mounting type	4 x M6 screws, Vesa 100 with 4 x M4 screws
Cable length	
• of antenna cable	
• minimum	1 m
• maximum	20 m
• for RS 422 interface / maximum	100 m
Product properties, functions, components / general	
Type of display	3-color LED
Product feature / silicon-free	Yes
Standards, specifications, approvals	
Verification of suitability	Wireless acc. to R&TTE guideline, CE, IEC 60950
MTBF	19 a
Accessories	
Accessories	One or 2 external antennas
letzte Änderung:	Aug 4, 2014