



90519066

BITS2POWER® WIRELESS COMMUNICATION KEY

Product description

- Wireless communication interface
- Wifi
- Bluetooth
- Power and activity / Link LED
- 3 Year Warranty
- CE certified
- IP20

Applied Standards

EN55022

EN55024

Technical notes

Dimensions	115x80x38mm
Weight	170 gr.
Housing	Stainless Steel 430
Color	Blanc

Ordering data

Type	Article number
Wifi	90519066-WIFI
Bluetooth	90519066-BT
Wifi & Bluetooth	90519066-BT-WIFI

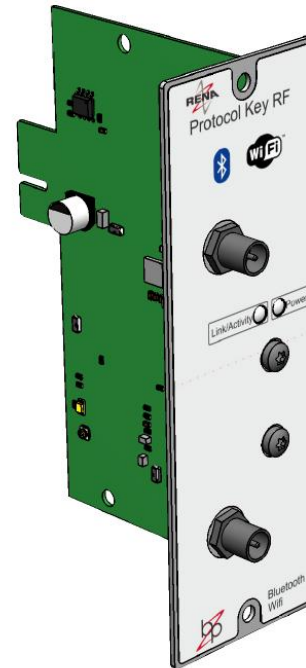
① Typical value

② Nominal output voltage is # of LEDs x LED forward voltage

③ Tolerances of 5% and for each circuit

④ Percentage of output current

⑤ To be determined



Electrical Characteristics

Antenna connection(s)	SMA-M
LEDs	Activity / Link & Power

Protections

Current protection	Output current limited
Over voltage	Internally protected

Connections

Antenna(s)	SMA-M
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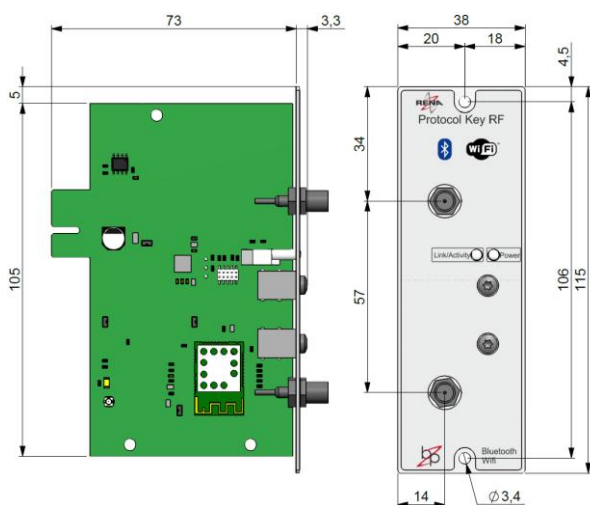
Technical details

Wifi	Speed	IEEE 802.11 b/g/n
	Security	WEP, WPA and WPA2
Bluetooth	Class	Bluetooth 4.0
	Protocol	SPP
Safety & EMC	Withstand Voltage	I/P-O/P: 0.5kV
	Isolation Resistance	I/P-FG: >100MΩ / 500VDC/ 25°C/ 70%RH
	EMI	EN55022 (CISPR22)
	EMS IMMUNITY	EN55024, EN61000-4-2, 3, 4, 5, 6, 11



Mechanical Dimensions

Overall dimensions L = 115 x W = 80 mm
Height = 38 mm



Installation

Use screwdriver type PH1 for mounting screws.

Environmental characteristics

Storage temperature	-20 – +85°C
Operating temperature	- 5 – +40°C
Operating humidity	10-95% RH
IP classification	IP20

Installation and Safety Information

Installation must be carried out under observation of the relevant regulations and standards. The following advice must be followed:

- See PDC600 controller manual for system installation details.
 - The device contains components that are sensitive to electrostatic discharge and may only be installed in the factory and on site if appropriate EOS/ESD protection measures have been taken.
 - For outdoor or damp locations, be aware of the IP classification.
- All above specifications must be met in order to qualify for the 3 year warranty.

Packaging

Box size (mm)	127x80x48 mm
Quantity each Box	1
Weight each box (kg)	0,1 kg

Electrical connections

Antenna(s)	SMA-M
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