

Dual color EnOcean RF controller user manual

SR-EN9002



Parameter

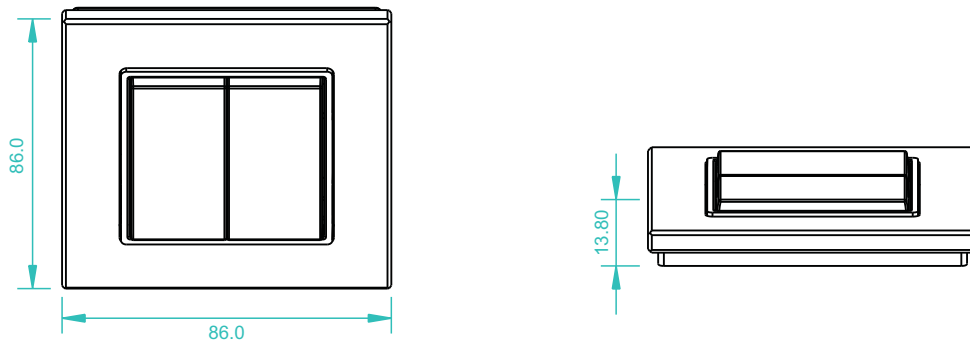
Remote

Part No.	Operation Voltage	Operation Frequency	Dimensions	Remarks
SR-EN9002	No battery	868.3MHz	86x86x13.8	Dual Color

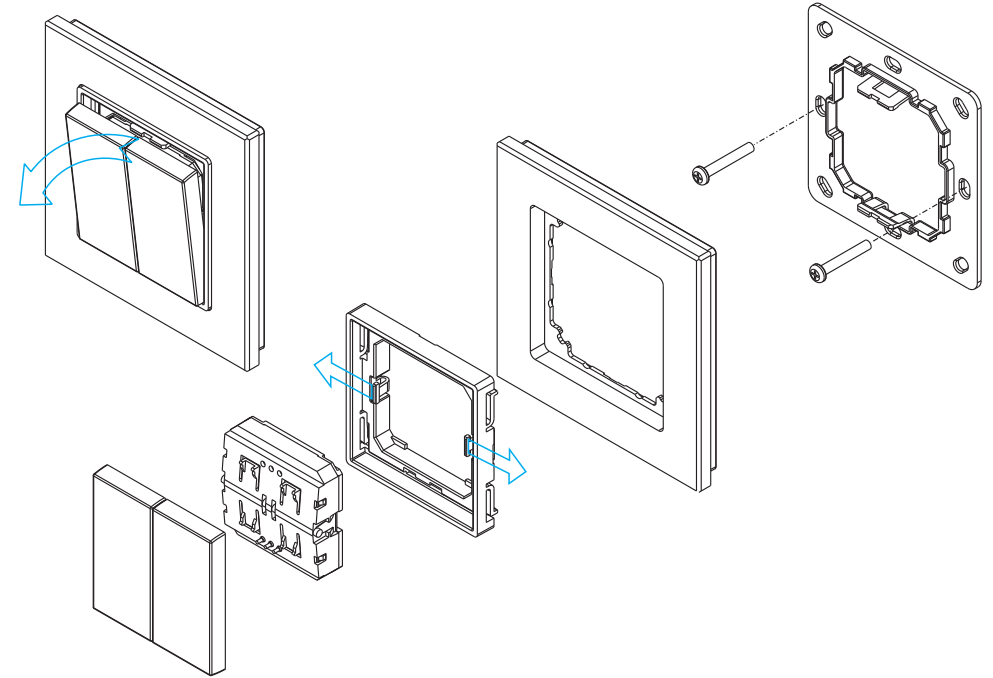
Receiver

Part No.	Input Voltage	Current	Output	Remarks
SR-EN9102	12-36VDC	4x5A	4x(60-180)W	Constant voltage
SR-EN9102P3	12-36VDC	4x350mA	4x(4.2-12.6)W	Constant current
SR-EN9102P7	12-36VDC	4x700mA	4x(8.4-25.2)W	Constant current

Product Size



Installation



Description of function

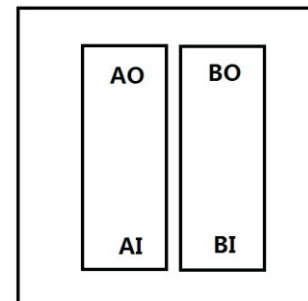
EnOcean enables the implementation of wireless remote controls without batteries. Power is provided by a built-in electrodynamic power generator.

The switches are battery-less, thanks to energy harvesting technology, and are maintenance-free, energy is generated by pressing the enocean button. Similarly a radio signal is sent when button is released, allowing for dimmer and blinds control.

Key function:

- * Choice of single of dual rocker
- * self powered : batteryless and wireless
- * EnOcean RF technology
- * High tempered glass frame
- * Transmission range 300m free field, typ. 30 m indoor

1pcs EnOcean switch control 2 zones (2pcs receivers)



EnOcean Switch

1. (AO) (AI) control 1 zone

AO: short press is to off , hold finger down to dim color temperature.
1st long press, OUTPUT1 & OUTPUT 3 dim up. OUTPUT2&OUTPUT4 dim down. 2nd long press, OUTPUT1 &OUTPUT3 dim down, OUTPUT2 & OUTPUT4 dim up.

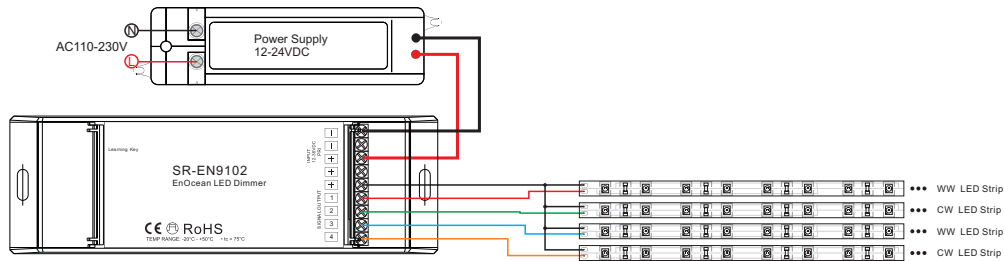
AI: short press is to on, hold finger down to dim brightness, 1st long press, OUTPUT1/OUTPUT2/OUTPUT3/OUTPUT4 dim brighter, 2nd long press, OUTPUT1/OUTPUT2/OUTPUT3/OUTPUT4 dim darker.

2. (BO) (BI) control 1 zone

BO: short press is to off , hold finger down to dim color temperature. 1st long press, OUTPUT1 & OUTPUT 3 dim up. OUTPUT2&OUTPUT4 dim down. 2nd long press, OUTPUT1 &OUTPUT3 dim down, OUTPUT2 & OUTPUT4 dim up.

BI: short press is to on, hold finger down to dim brightness, 1st long press, OUTPUT1/OUTPUT2/OUTPUT3/OUTPUT4 dim brighter, 2nd long press, OUTPUT1/OUTPUT2/OUTPUT3/OUTPUT4 dim darker.

Wiring diagram



Learning operation of receiver (EnOcean Switch ID)

Short press on learning button of receiver , press any button of EnOcean Switch , once receiver get the signal from EnOcean switch , connected LED flashes for 1 time (output of receiver), Then it learns successfully.

Within 5 seconds, receiver didn't get any signal from EnOcean switch, then connected LED flashes for 2 times (output of receiver), then it withdraws from learning.

Hold finger down for over 5 seconds on learning button of receiver , then it deletes all learned EnOcean switch ID, at this time, connected LED flashes for 3 times (output of receiver).

Safety & Warnings

- 1) The product shall be installed and serviced by a qualified person.
- 2) IP20. Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- 3) Always be sure to mount this unit in an area with proper ventilation to avoid overheating.
- 4) Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
- 5) Never connect any cables while power is on and always assure correct connections to avoid short circuits before switching on.
- 6) Please ensure that the cable is secured tightly in the connector
- 7) For update information please consult your supplier.

Warranty Agreement

- 1) We provide lifelong technical assistance with this product:
 - 5-year warranty. We print date on every products, for example :1125 means year 2011, week 25. The warranty is for free repair or replacement and covers manufacturing faults only.
 - For faults beyond the 3-year warranty we reserve the right to charge for time and parts.
- 2) Limited Warranty
 - Any defects caused by wrong operation.
 - Any damages caused by unauthorized removal, maintenance, modifying, incorrect connection and replacement of chips.
 - Any damages due to transportation, vibration etc. after purchase.
 - Any damages caused by earthquake, fire, lightning, pollution and abnormal voltage.
 - Any damages caused by negligence, inappropriate storing at high temperatures and humidity or near harmful chemicals.
 - Product has been updated
- 3) Repair or replacement as provided under this warranty is the exclusive remedy to the customer.