



Long Range Radio Light Switching



Standard Version



Outdoor Version

Features

- Quick and Simple to Install
- Self Contained Transmitters
- Up to 3KM Line of Sight
- Transmitter Battery CR2450 (Supplied)
- Battery Life : 5years @ 50ops/day
- Standard Transmitter IP44
- Outdoor Transmitter IP66
- Receiver IP68
- Supplied ready to go (no config or pairing required)
- Receiver Operates from 110-230Vac
- Max Load output 1KW

Description

The RF Solutions' SWITCHLINK provides a quick and simple solution to a Light Switching when cabling is tricky, expensive or time consuming.

The system is supplied ready to operate, Simply apply power to the receiver unit and connect the load into the screw terminals and the transmitter Switch will operate the Receiver.

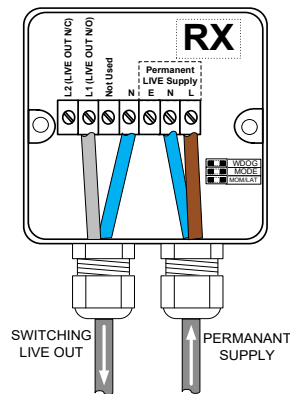
Ordering Information

| Part Number | Description |
|------------------|-------------------------------------|
| SWITCHLINK-8S1 | SWITCHLINK Indoor System Tx and Rx |
| SWITCHLINK-8T1 | SWITCHLINK Indoor Transmitter only |
| SWITCHLINK-8S1IP | SWITCHLINK Outdoor System Tx and Rx |
| SWITCHLINK-8T1IP | SWITCHLINK Outdoor Transmitter only |

SWITCHLINK Remote Control Systems



Receiver Wiring



Flashes when RF Active (also indicates error mode)

Indicates that output is LIVE

Technical Information

Transmitter Dimensions 92 x 92 x 59mm

| Parameter | Min | Typical | Max | Units |
|-----------------------|-----|---------|-----|-------|
| Supply Voltage: | | 3V | | Vdc |
| Quiescent Current: | | 4 | | uA |
| Operating Frequency | | 869.500 | | MHz |
| RF Output Power (ERP) | | | +15 | dBm |

Receiver Dimensions 92 x 92 x 59mm

| Parameter | Min | Typical | Max | Units |
|-------------------------------------|-----|---------|-----|-------|
| Supply Voltage | 100 | 230 | 250 | Vac |
| Quiescent Current: | | 0.1 | | mA |
| Operating Frequency | | 869.500 | | MHz |
| Maximum switching load (RX) | | | 1 | KW |
| Time delay from Tx to Rx operation: | | 25 | 500 | mS |

Product Lifecycle

| Date | Eng Change | New Revision | Product Change / Improvement |
|----------|------------|--------------|--|
| Aug 2020 | | 1 | Product First Launched |
| Feb 2024 | 390 | 5 | Update RF Design to 868MHz "ZETA" |
| Feb 2025 | 400 | 6 | Added, LoRa, Updated battery to CR2450, Staircase Mode |

RF Solutions Ltd. Recycling Notice

Meets the following EC Directives:

DO NOT

Discard with normal waste, please recycle.

ROHS Directive 2011/65/EU and amendment 2015/863/EU

Specifies certain limits for hazardous substances.

WEEE Directive 2012/19/EU

Waste electrical & electronic equipment.

This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd.,

fulfills its WEEE obligations by membership of an approved compliance scheme. Environment Agency producer registration number: **WEEJ0104WV**.

Waste Batteries and Accumulators

Directive 2006/66/EC

Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point.

RF Solutions battery producer number **BPRN00060**.



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