



## Datasheet

### Standard Version



### Outdoor Version



#### Features

- Quick and Simple to Install
- Self Contained Transmitter
- Up to 500m Line of Sight
- Up to 100m in buildings
- Transmitter Battery CR2032 (Supplied)
- Battery Life : 5years @ 50ops/day
- Receiver Operates from 110 - 230Vac
- Standard Transmitter IP44
- Outdoor Transmitter IP66
- Receiver Weatherproof to IP68
- Supplied ready to go

#### 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.

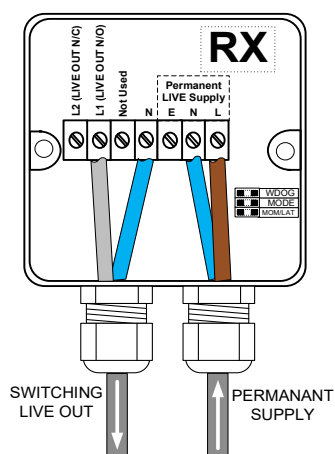
#### Ordering Information

Part Number	Description
SWITCHLINK-BS1	SWITCHLINK Standard Supplied with Tx and Rx
SWITCHLINK-BS1IP	SWITCHLINK Outdoor Supplied with Tx and Rx

# SWITCHLINK Remote Control Systems



## Receiver Wiring



Flashes when  
RF Active  
(also indicates  
error mode)

Indicates that  
output is LIVE

When the Live Output (LOUT) is LIVE the Red LED

## Technical Information Transmitter

Parameter	Min	Typical	Max	Units
Supply Voltage:		3V		Vdc
Quiescent Current:		4		uA
Operating Frequency	0.045	869.50	+0.04 5	MHz
RF Output Power (ERP)			20	dBm

## MAINSLINK-RX Receiver

Parameter	Min	Typical	Max	Units
Supply Voltage	100	230	250	Vac
Quiescent Current:		0.1		mA
Operating Frequency		869.5 0		MHz
Maximum switching load (RX)			1200	W
Time delay from Tx on switch to Rx Relay operation:		25		mS

### 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: **WEE/J80104WV**.



### 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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