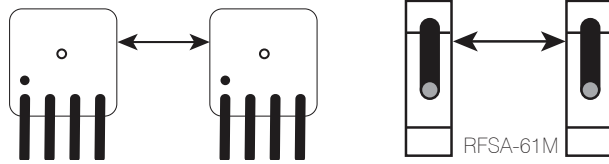


5 Installation Of Receivers

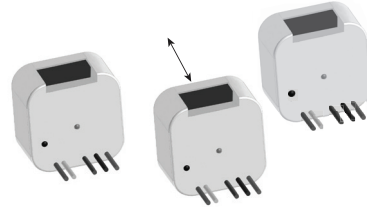
When installing the 50mm x 50mm box receivers, the antenna is located towards the top of the module. When installing individually the receiver should normally receive the transmitter signal from all angles (dependant on surrounding materials).

When installing multiple receivers in the same *non-metallic* enclosure, the following installation guidelines are recommended:

1. Both box and DIN rail mountable receivers require a distance of >30mm between each module.



2. Box receivers, stagger each one. So one towards the back and the next towards the front. This helps the signal to reach the required receiver if controlled from the side.



Contactors - When using with receivers

The recommended distance from a contactor to a receiver or a transmitter is greater than 1 metre. This is due to the electromagnetic field (EMF) created when the contacts engage in the contactor.

Receiver operating randomly

With the receivers manufactured using electronic components, their control can be influenced by electromagnetic fields created by contactors or other electronic devices in local proximity to the receiver. We recommend the distance between the receiver and any device emitting EMF is greater than 1 metre.

6 LED Loads - Installation And Control

The mains input running current of an LED driver is different from the current immediately after the moment of switching on. For this reason the switched contact needs to be rated to withstand the input current (inrush). This is owing to the capacitive nature of their input circuits.

The inrush current can be greater than 10 times the normal running current. This can cause practical problems like contacts welding together (will not turn off) etc.

Potential solutions are:

1. Split the load
2. Install a suitable contactor controlled by the ClickSmart receiver.
3. Install a thermistor to suppress the inrush current

7 Fault Protection

All receivers have an integrated fault mode, this is signified by the receiver's LED permanently flashing.

In the event the receiver is overloaded, controlled constantly over a short timescale by one or more transmitters or there is a wiring issue can lead to the fault mode being triggered.

To return the receiver to normal working mode, the power to the receiver must be isolated and the issue resolved prior to re-energising the power.

If the fault persists and the load being controlled is LED, please refer to section 6 above or if connected to a contactor see section 5 above.

Any device with the signs of damage and/or missing parts should NOT be installed and should be returned to the seller.

Please refer to 'Installation Guidance Notes' supplied before commencing with the installation.

Devices are designed to be mounted internally only.

1 RFSC-61 - Wireless Plug In Switching Socket



The unit described in these instructions are for use in a Standard UK Plug Socket, they also feature a Standard UK Plug Socket on the front side of the product.

On the RFSC-61 the front socket is used to remotely switch an appliance that is plugged into it.

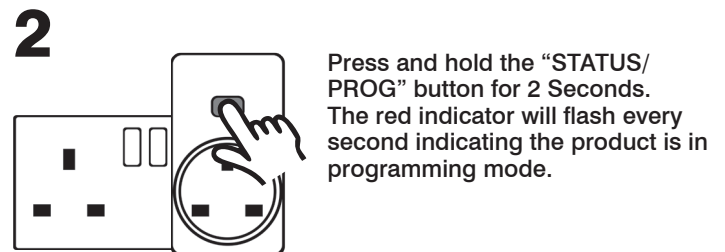
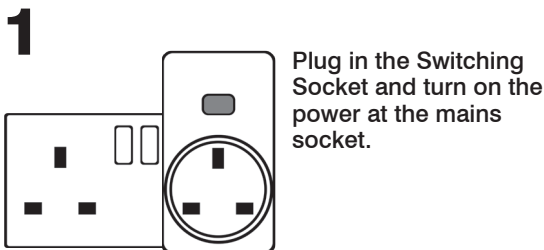
Supply Voltage:	230V~
Frequency:	868MHz
Signal Range (free Air):	200M
Ingress Protection:	IP20
Dimensions:	60 x 120 x 80mm
Load Capacity Rated Current:	13A
Applicable Standards:	EN60669, EN300 220, EN301489

2 Signal Range

The RFSC-61 has a signal range in free air of up to 200 metres.

Once the signal penetrates building materials etc. the signal range will be reduced. See the installation guidance notes supplied with this device.

3 Programming



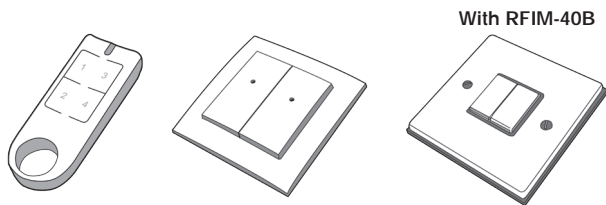
4 Functions (Switching Receivers)

Function 1	Press button	Press for ON, release for OFF
Function 2	'On' button	Press for ON
Function 3	'Off' button	Press for OFF
Function 4	On/Off button	Press for ON, press again for OFF
Function 5	'Off' delay	Press for ON, device will turn off after pre-determined time period as set in step 3 of programming (2 secs - 60 mins max)
Function 6	'On' delay	Press to start timer. 'On' delay will be as pre-determined in step 3 of programming (2 secs -60mins)

Functions 5 & 6 (timed elements) are programmed in real time. If you require 40 minutes you have to wait for the 40 minutes to complete the pairing.

For 5+ minute timed elements, we always recommend conducting a few shorter timed elements (e.g. 10 seconds) to ensure both the correct function and the correct timed element are programmed.

5 Programming The Receiver To Button Transmitters



With RFIM-40B

With any of the above (RF KEY/RFWB-40G/RFWB-20G/RFIM-40B) use the table in section 4 to program the switching socket to function as indicated. Push the button or switch (slowly and positively) the amount of times shown to program the corresponding function. E.g. Function 4 will require 4 presses.

Up to 32 transmitting devices can be paired with the Switching Socket.

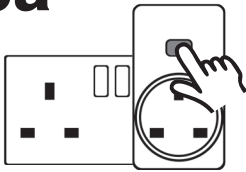
If an error during programming has been made see step 6.

Functions 5 and 6 time delay options: After the initial 5 or 6 presses, hold the 'STATUS/PROG' button for a further 5 seconds. The red indicator will flash 2 times a second, the timer has started. After the required time has run press the button on the transmitter originally paired above to stop the timer.

Then proceed to step 7.

6 Removing Pairings

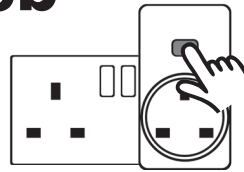
6a



If an error has been made during programming, a single pairing can easily be removed.

1. Press and hold the "STATUS/PROG" button for 5 seconds. The red indicator will flash twice a second.
2. Press the transmitter button paired incorrectly. The red indicator should stop flashing confirming the pairing is removed.

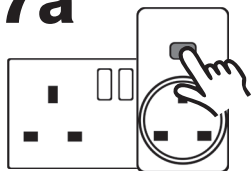
6b



To remove all pairings press and hold the "STATUS/PROG" button for 10 seconds, release, then press <1 second to complete.

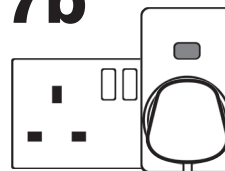
7 Exiting Programming

7a



Once you have pressed the button/switch on the transmitter the correct amount of times, press the 'STATUS/PROG' button <1 second to complete.

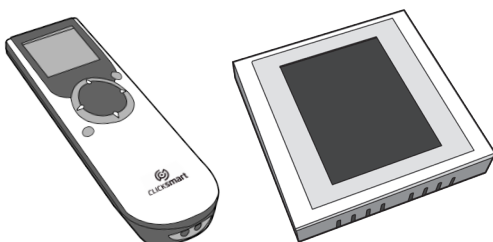
7b



Once the unit has been programmed you can plug in your desired appliance.

8 Programming - RF Pilot & RF Touch

When installing with the RF Pilot or RF Touch, use the dedicated product manuals for programming



If you are using the "RF Pilot" or the "RF Touch" (left) you can enter the address of the switching socket. The address of the unit can be found here.

