

Smart Switch (L92)

^√ Lightw/_Ve

Preparation







Boost button

This button is programmable, and its function can be set using the Lightwave App



Specification Output rating:

RF frequency: 868 MHz Input rating: Terminals:

Standby energy use: Less than 1W Switching:

Situation: Indoor use only Warranty: 2 year standard warranty

Max 2.5mm² wires 3680W (16A) or Volts free contacts





2 Installing the Smart Switch & Linking

Carefully follow the instructions in this section in order to install the Smart Switch. Please remember that mains electricity is dangerous. Do not take any risks. For other advice, please contact our dedicated technical support team at www.lightwayerf.com.

The easiest way to learn how to install the Lightwave Smart Switch is to watch our short installation video which is accessible at

2.1 Turn off the electricity supply

Turn off the mains power supply to your existing power circuit at the consumer unit.

2.2 Remove the Backplate and clamp

Remove the backplate by un-tightening the screws located at the bottom edge of the cover and carefully unhooking from the main unit.

2.3 Wire the Switch

Carefully wire the Socket as shown in the diagrams. Be aware that existing cables can vary in colour and may not always be correctly labelled. If in any doubt, always consult a qualified electrician.

2.4 Replace the Clamp and backplate

Screw in the cable clamp to secure the cables, and replace the backplate by hooking it onto the top edge of the Switch and clipping in the bottom. Tighten the screws at the bottom to secure the plate.

inking

be able to command the Smart Switch, you ll need to link it to the Link Plus.



Using the Lightwave App, select 'add device', and follow the inapp instructions.



On the Switch, press and hold down the link button until the LEDs flash blue & red alternately then release it The Switch is now in linking mode.



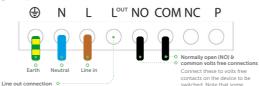
The LED indicators on the Switci will flash blue to confirm that is linked.

Unlinking the Switch (clear memory

To unlink the Switch, enter linking mode by holding down the linking button until the LEDs flash blue & red. Release the button, then hold if for a second time until the LEDs flash red quickly to confirm that the memory has been cleared

Circuit diagram 1: switching a volts free circuit or combi boiler

Using this wiring configuration will allow the Smart Switch to operate volts free contacts on a device such as gas boilers. AC and ventilation units.



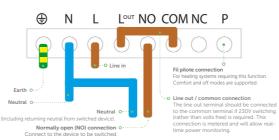
The 230V line out connection can be used to a provide permanent 230V power source that can be measured for electricity usage. It is independent of the switching of the volts free contacts.

Circuit diagram 2: switching a load in-line

This wiring configuration connects the Smart Switch in-line in order to control a single circuit of up to 3680W. In this configuration electricity usage of the device connected will also be measured.

devices may require a 'normally closed' connection (NC) instead

of normally open (NO).



Linking the Smart Switch & other functions

Firmware updates

rrmware updates are over-the-air software provements that keep your device up to ate as well as providing new features. Updates an be approved from the App before being plemented, and generally take 2-5 minutes. ne LED will flash cyan in colour during an odate. Please do not interrupt the process uring this time.

Error reporting

remanently slow flashing red LEDs indicate nat a software or hardware error has been ncountered. Press the main button to eset the device. If the error lights persist, lease contact Lightwave support via www.lightwavef.com/support.

Energy Monitorin

Similar to Lightwave Smart Sockets, the Smart Switch can monitor the energy usage of electrical devices that are connected to each independent circuit. The data for each circuit is then displayed in the Lightwave App.

Locking the Relay

The Smart Switch can be 'locked' using the Apj so that the manual buttons will not operate any o the circuits. A locked switch is signified by a slov flashing magenta LED. To lock / unlock the Switch press the 'lock' button on the Smartphone App Clearing the memory will remove the lock.

LED indicator light summar

Circuit off

n LED (only) blue: manual mode circuit is on, controller mode the controller

On LED (only) pulsating blue In controller mode circuit is active

On & off LED flashing magenta: device locked

On & off LED flashing blue & red

On & off LED flashing red:

On & Off LED slow flashing red

On & Off LED flashing cyan: firmware update in progress





✓ Lightw√e

www.



support@lightwaverf.com www.lightwaverf.com +44 (0)121 250 3625