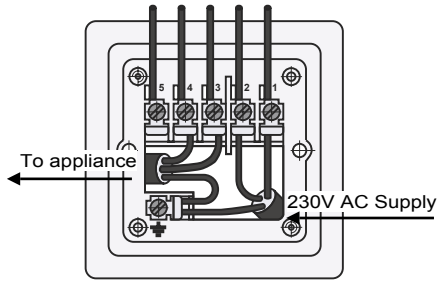
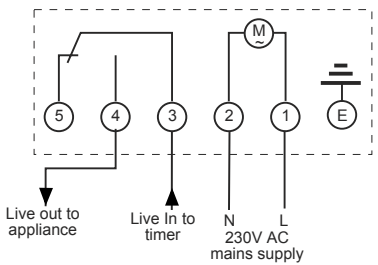
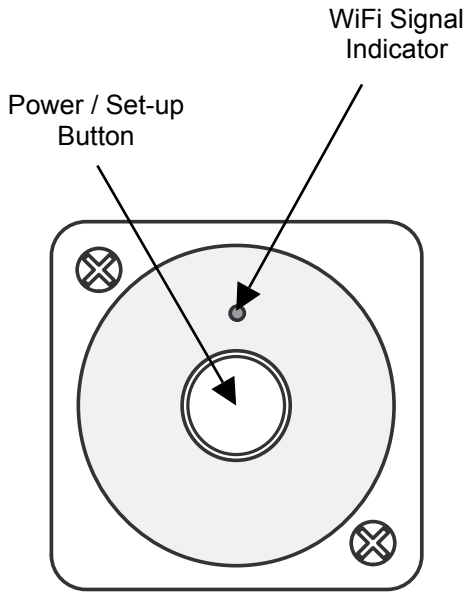
3, Backplate wiring: Example (Volt Free)



Wiring diagram (Volt Free)





Specification

COMMS:	WiFi ISM 2.4GHz; WLAN 802.11 b/g/n
PROG CAPACITY:	15 On/Off Programmes Total
COUNTDOWN:	Countdown On or Off
RANDOM:	Output switches randomly during set period.
REPEAT:	A repeating cycle that can be set between the ON and OFF times.
DIMENSIONS:	92 x 92 x 60
WEIGHT:	170g
POWER:	1vA @ 230V 50Hz
RESISTIVE LOAD:	16 Amperes
INDUCTIVE LOAD:	4 Amperes (cos Ø 0.6)
TEMP RATING:	-10T55
ACCURACY:	Internet Synchronised
MIN. SWITCHING:	1 Minute
OVERRIDE:	On / Timed / Off

Class II control / Protection class IP20

Complies with European Norm

EN 61058-1:2002+A2:2008
Switches for Appliances: General Requirements,and European Directives:

LVD; EMC; RoHS; RED

www.tfc-group.co.uk
TFC Group LLP Tonbridge TN9 1TB

OPTIMUM WiFi Socket Box Time Switch

For general purpose use

Installation instructions

OP-SBWF01 WiFI Socket Box Timer
Min switching 1 Minute

Please read the instructions fully before attempting installation.

IMPORTANT

Installation must be carried out in accordance with the current edition of the I.E.E. Wiring Regulations. It is recommended that installation is undertaken only by a qualified electrician.

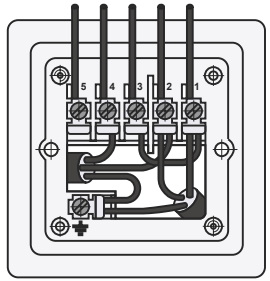
- Timer must not be mounted on a flammable surface.
- Ensure that the timer does not come into contact with any combustible materials such as towels or bedding.
- Ensure at least a 300 mm air space is allowed around the timer.
- The timer should not be mounted on an unearthed metal or metallised surface.
- If the timer is to be connected to an appliance that is required to be earthed the supply earthing conductor and the appliance earthing conductor should be terminated together in the earth terminal provided within the timer.

1. Installation procedure

1. Switch the supply off at the mains. Means of disconnection from the supply having at least 3 mm contact separation in all poles must be incorporated in the fixed wiring mains supply.
2. Unscrew the two screws located top right and bottom left of front module cover; remove cover and gently pull module from backplate. Do not put undue stress on, ‘or’ interfere with fixed connecting wires. Bare wires back for 6 mm (1/4 inch) maximum; insert into terminals and secure with the screws, in accordance with circuit diagram label beneath terminals.

   Note: **Do not connect unprepared stranded wires. Use ferrules supplied to crimp stranded wire terminations.**
3. Fix backplate to socket box.
4. Connect wiring in accordance with wiring diagram.
5. Fit cover over module and reassemble to backplate. Ensuring fixed blue wires are stowed neatly without being trapped.
6. Re-fit and tighten two screws.
7. Switch on mains.

2. Backplate wiring: Example (230V AC 50-60Hz)



Wiring diagram (230V AC 50-60Hz)