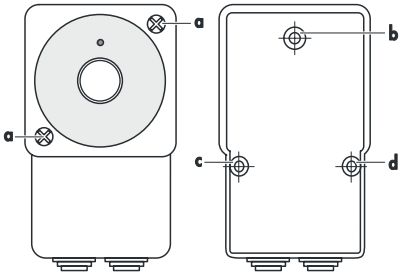


Figure 1.

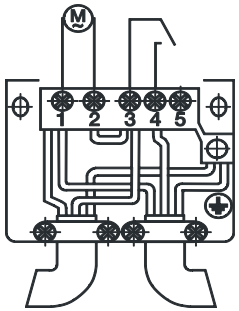


Figure 2.

Connection:

Supply:

Live - terminal 3

Neutral - terminal 1

Load:

Live - terminal 4

Neutral - terminal 1

Link:

Terminals 2 - 3

Earth - Earth park

Wiring for immersion heater or mains-switching applications

Wiring for general purpose use

(as a volt-free control)

To convert the timer for volt-free applications, remove the brass link. Connect mains to terminals 1 & 2 (not polarity conscious). Switching will occur across terminals 3, 4 & 5.

Common - terminal 3

Normally open (ON) - terminal 4

Normally closed (OFF) - terminal 5

Earth - Earth park terminal

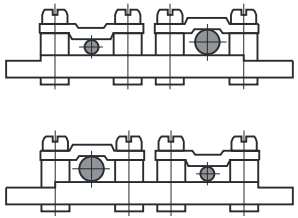


Figure 3.

Specification

COMMS:	WiFi ISM 2.4GHz; WLAN 802.11 b/g/n
PROG CAPACITY:	15 On/Off Programmes
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:	70 x 118 x 50
WEIGHT:	190g
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 Time Switch

Immersion Heater / General Purpose and Plug-in Boiler Module Use

Installer instructions

OP-BM/IHTWF01
WIFI TIMESWITCH

(product version is shown on the rating label)

Installation guide

Specification

Installation guide
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.

Undo the recessed cross-head screws ‘a’ (see Fig.1). Lift off the outer housing. Grip the square base of the timer and pull the timer away from the back-Plate.

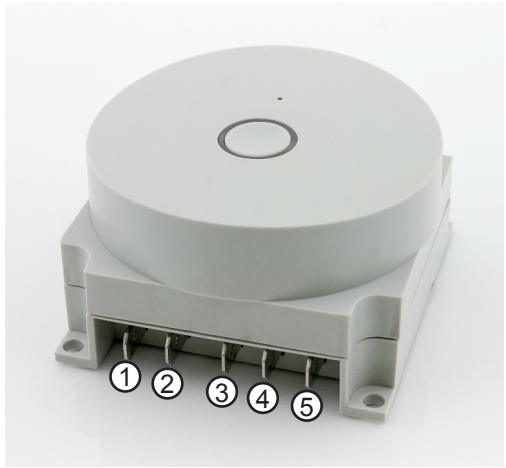
Drill the wall to suit the three backplate mounting holes b, c, & d. Do not mount the timer on an un-earthed metal or metallised surface. Secure to wall surface using suitable wall plugs & screws.

Immersion Heater Control.
Connect wiring according to the wiring diagram. See Fig.2. When installing for immersion heater control ensure the brass link is correctly positioned and retained as pre-fitted to terminals 2 & 3.

General Purpose Control.
Removal of the brass link converts the timer switch to a volt-free configuration. Secure cable and flex using clamps provided (see Fig.3.)

Do not connect unprepared stranded wires. Use ferrules supplied to crimp stranded wire terminations. Means of disconnection with minimum 3mm contact separation in all poles must be incorporated in the fixed wiring mains supply.

Push timeswitch module onto backplate, ensuring good engagement of tab terminals. Refit housing to backplate.



BOILER MOUNTING OPTION (220-240V AC)

Terminals 1 & 2
(Supply Live & Neutral (not polarity conscious))

Terminals 3 & 4
(Switched pair (Normally Open Volt Free Contacts))

Terminal 5
(Normally Closed / OFF / Not used)

Connect mains to terminals 1 & 2 (not polarity conscious). Switching will occur across terminals 3, 4 & 5.

Terminal 3 = Common (Switched Live In)

Terminal 4 = Normally open (ON / Switched Live Out)

Terminal 5 = Normally closed (OFF)