

Features

- Dual Band - Wi-Fi enabled control for all manner of electrical applications, with Google Home and Amazon Alexa Support.
- Controls on demand, as and when you need it!
- Programme settings are accessed via a mobile device or tablet, enabling users to control installed appliances at any time through Wi-Fi or mobile data, regardless of location.
- Available for Android and iOS

Safety Instructions

- These instructions should be read carefully and retained after installation for future reference and maintenance.
- Ensure that the mains power is isolated before carrying out installation or maintenance.
- Check that the total load on the circuit does not exceed the rating of the circuit cable, fuse or circuit breaker.
- This product must be installed in accordance with the latest edition of the IET Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician.
- Always isolate the mains supply at the circuit breaker, do not rely solely on the isolator switch of this product

Environmental Instructions

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery. Where possible recycle your packaging.

System Requirements

- Smartphone/Tablet with at least iOS 14.0 or Android 7.0.
- Minimum software version requirements will be subject to App updates from Tuya Inc. and not Timeguard.
- WLAN-enabled router: 2.4GHz, 5GHz Dual-Band Work Mode.
- Tuya Smart App

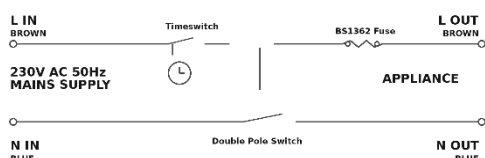
Installation Instructions

This unit is intended as a replacement for an existing single-gang connection unit or fixed appliance outlet, providing a timed mains output protected by a BS 1362 fuse. It can be installed either as part of a ring final circuit (with terminals accommodating two 2.5 mm² conductors) or as a spur connected to the ring.

- Connect the incoming 230V 50Hz mains supply and outgoing load cables to the relevant terminals ensuring correct polarity is observed and that all bare conductors are sleeved. The use of ferrules is recommended with stranded wire connections. Ensure connections are torqued adequately.
- There is a removable cable blank to cover the front cable exit if this feature is not required.
- If the front cable exit is required, use one of the cable clamps provided to secure the outgoing cable.
- Secure the unit to the back box with the M3.5mm screws provided, forming cables during installation to avoid entrapment, and cable damage.

Note: during the installation process, a suitable location should be selected to mitigate any Wi-Fi interference. Should the TW1001 and the wireless access point be in an oversaturated area, where multiple devices and wireless equipment such as neighbouring Wi-Fi access points overlap, the device's connection may not perform as required.

Internal Schematic:



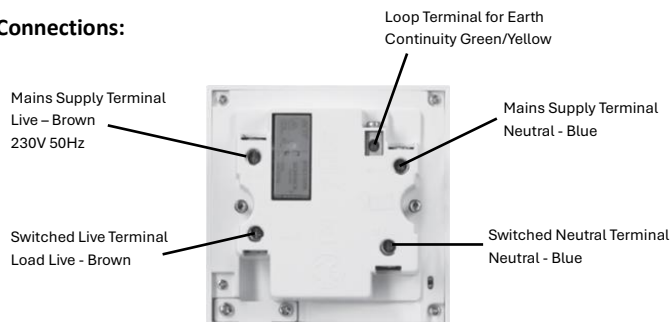
Operating Modes

Timer: Schedule ON/OFF periods as required. Programmes can be set individually for each day, or for every day of the week. Programs can be run either as a one-off event, or a weekly repeat on days of your choice.

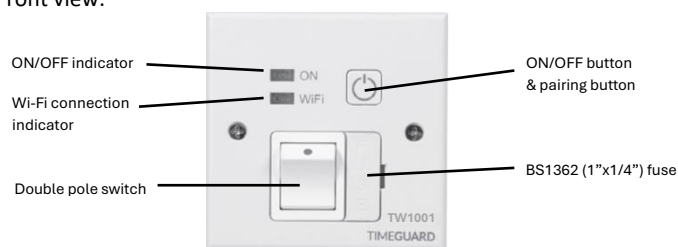
Countdown: Keeps the unit ON/OFF for a specific amount of time. (Countdown will reverse the state of the devices current status i.e. if the unit is switched ON the countdown will switch the unit OFF at the time given, and if the unit is switched ON the countdown will switch the unit OFF at the time given).

Relay Status: In the event of a power failure, once power is restored, the relay can be set to be in either the ON/OFF position by default or remember its last known position before the power went out.

Connections:



Front view:



Downloading App & Registration

- Ensure your phone or tablet is connected to your local Wi-Fi network.
- Download the Tuya Smart App onto your phone or tablet by searching for 'Tuya Smart' on Google Play or the App Store. You can also scan the QR code below applicable to your device.



- Install the App and open it to the registration screen. Click on the 'Register' button.
- Tap 'Agree' to accept the privacy policy.
- Choose your region by selecting your 'Country Code'. Enter your email address and phone number and click 'Get Verification Code'.
- Assign a password (this must be between 6 to 20 characters including letters and digits) and click 'Done'. The App home page will now appear.

Pairing Your Device(s) - Primary Method

Note: If you are using a VPN, make sure this is disabled before continuing. This method requires Bluetooth connectivity.

- Once you are on the home page of the Tuya Smart App, press and hold the pairing button on the TW1001 for 5 seconds, the Wi-Fi connection indicator will begin to flash rapidly.
- If a message prompt stating 'Devices to be added' has not been displayed on the app, press the plus button on the top right hand side of the app.
- The 'Devices to be added' message prompt should now be visible showing the device to add to your account, press 'Go to add' to proceed to the next step.
- The 'Add device' menu should display the TW1001 as a Bluetooth device and already be ticked for adding to your account. Press the plus button to move to entering the W-Fi password for the network your mobile/tablet is currently connected to and then press the 'confirm' button to begin pairing.
- Once the pairing process is complete, you can rename the device as required or press 'Done' to complete the pairing process.

Pairing Your Device(s) - Secondary Method

- Once you are on the home page of the Tuya Smart App Press the plus button on the top right-hand side of the app.
- Under the 'Add Manually' menu, select the 'Electrical' category on the left-hand side of the app. Then select 'Switch (Wi-Fi)' from the devices list.
- Enter the W-Fi password for the network your mobile/tablet is currently connected to and then press the 'next' button.

- Press and hold the pairing button on the TW1001 for 5 seconds, the Wi-Fi connection indicator will begin to flash rapidly.
- Select the 'Confirm the indicator is blinking rapidly' option on the App, then press the 'next' button to begin the pairing process.
- Shortly into the pairing process, the flashing Wi-Fi light will stop flashing and become stable. This indicates that the device has joined the network.

Once the pairing process is complete, you can rename the device as required or press 'Done' to complete the pairing process.

Smart Home Assistant

For Smart Home Assistant services such as Google Home or Amazon Alexa, follow the on-board instructions on the TuyaSmart App. This can be found under the 'Me' section on the home page of the App.

Note: The Smart Home Assistant services supported by the TuyaSmart App may change as it is a 3rd party App Service. Any services that may be removed are the responsibility of TuyaSmart developers and not Timeguard.

Security & Personal Data

To protect your security and personal data, this product meets the following mandatory security requirements:

Passwords: The product does not use universal default passwords.

Security Updates: We are committed to providing free security updates for this product for 5 years from the date of first purchase or UK market release (whichever is earlier). Important security updates will be notified and pushed via the device.

Security issues Reporting: We operate a dedicated process for security issues reports. If you discover a potential security issue, please contact us at: technical@deta.co.uk. We will acknowledge your report within 5 or less working days and provide weekly status updates until the issue is fully resolved.

Specification

Operating Voltage & Frequency	220-240V AC 50Hz	Switch Rating	13A Resistive (3kW)
Fused	Supplied with BS1362 13A Fuse		1000W Incandescent & Halogen. 500W Fluorescent & LED lighting. 100W Compact Fluorescent lighting.
Rocker Switch	2 Pole, providing isolation	Contact Type	Normally Open, micro disconnection
Wi-Fi Specification	2.4GHz 802.11b/g/n, 5GHz 80.211a	Frequency Range	2.4GHz 5Ghz
Operating Modes	ON or OFF, Timed, Countdown	Output Light	Yes
Multiple Device Support	Yes	Dimensions	H 85mm, W 85mm, D 44mm
Class Protection	Class II	Operating temperature	0°C to 40°C
IP Rating	IP20, Intended for indoor use Only	Minimum back box size	25mm