



INSTRUCTION MANUAL
MTS22
SMART PROGRAMMABLE TIMER



1. GENERAL DESCRIPTION

The MTS22 Smart programmable timer is specifically designed for users to gain full control of their timer via a smart device. This timer is equipped with Wi-Fi connectivity, allowing users to utilize the “**Major Tech Hub**” Smart App for remote monitoring and control. Compatible with Alexa and Google Assistant. It adheres to Wi-Fi 802.11b/g/n standards for seamless data communication. When installing the smart timer, ensure that this is done by a qualified professional in accordance with wiring rules and code in the country of installation, making sure it is placed in an appropriate environment with an ambient temperature range of -25°C to 55°C. The relative humidity should be kept below 75%.

2. USAGE SYMBOLS



Wi-Fi LED indicator: This indicates that the timer is in Wi-Fi distribution network waiting mode. When the green Wi-Fi LED indicator stops flashing, it signifies a successful Wi-Fi connection.

3. BASIC FEATURES

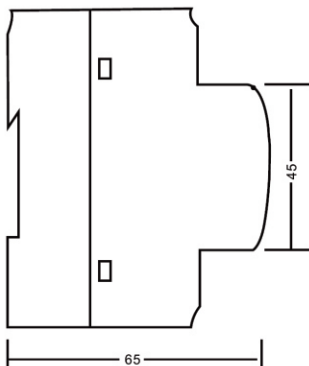
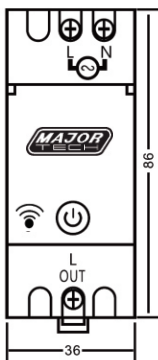
- **Smart App Compatibility:** Easily access advanced features by downloading the free “**Major Tech Hub**” Smart App.
- **Energy Usage Insights:** Gain immediate access to both historical and real-time energy consumption data via the smart app.
- **Advanced Timing Options:** Enjoy precise control over your devices with versatile timing options, including Countdown, Schedule, Circulate, Random, and Inching modes.
- **DIN & Samite/Mini Rail Compatibility:** Designed to be compatible with both 35mm Din Rails and Samite/Mini Rails for flexible installation.
- **Dual Mode Connectivity:** Stay connected with the choice of Wi-Fi and Bluetooth modes. If Wi-Fi is unavailable, the smart timer seamlessly switches to Bluetooth (note that Bluetooth range is limited).
- **Voice Control:** Securely integrates with Third-Party voice control platforms such as Alexa and Google Assistant for hands-free operation.
- **Child Lock Feature:** Ensure safety and prevent accidental disconnection by activating the child lock feature, which restricts manual switching off of the socket.

4. INSTALLATION AND CONNECTING THE DEVICE VIA THE APP

1. Mount the smart timer securely on a DIN or Samite/Mini Rail
2. Follow the connection diagram printed on the side of the timer to install the timer correctly. It is advisable to use copper as the leading wire for connections. Tighten all screws securely during the installation process.
3. Download the free “**Major Tech Hub**” Smart App from either the Google Play Store or Apple Store.

4. Access your phone's settings and grant all necessary permissions to the "**Major Tech Hub**" Smart App to ensure seamless integration.
5. Connect your phone to your 2.4GHZ Wi-Fi network (Not compatible with 5Ghz Networks)
6. **Timer Power On:** When the timer is powered on, press and hold the "🔌" button for 5 seconds. This action will put the timer in pairing mode, and you will see the green Wi-Fi LED indicator flashing.
7. **Add Device:** Ensure that your mobile phone is already connected to an available 2.4GHz Wi-Fi network. Then, open the application and click on the "add device" icon.
8. For more detailed information and app features, consult the "Me" section at the bottom right corner of the home screen of the app

5. PRODUCT DIMENSIONS (MM)



6. PRODUCT PARAMETERS

Function	Range
Rated Frequency	50/60 Hz
Rated Current	30A
Power	4400W (Resistive Load)
Rated Voltage	110V/230V AC
Approvals	RCC / RCM / ICASA / CE
Voltage range	100V - 240V AC
WIFI Parameter	802.11B/G/N, ONLY SUPPORTS 2.4GHZ NETWORK, NOT SUPPORTED ON 5GHZ NETWORK
Operation temperature	-25°C to 55°C
Voice Control	Alexa and Google Assistant
Standards	IEC 60669-2-1 (AS 60669.12.1:2020), IEC 60669-2-2, IEC 60730-2-7, IEC 60730-2-7, IEC 60730-1, IEC 61010-1, IEC 62368-1, ENIEC 62311:2020, ETSI EN 300 328 V2.2.2, ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V3.2.5



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