INSTRUCTION MANUAL

MTS11B

SMART SOCKET WITH SURGE PROTECTION AND ENERGY MONITORING



1.GENERAL DESCRIPTION

The MTS11B is a powerful, compact Smart Socket with Surge Protection & Energy Monitoring engineered for quick and easy installation. It plugs directly into a Standard RSA 3-Pin 16A socket and connects seamlessly to the Major Tech Hub app via 2.4GHz Wi-Fi, with Bluetooth for local failover control. The MTS11B is ideal for managing high-demand or time-specific devices such as heaters, fans, coffee machines etc. Advanced timing functions offer precise control, while the inching function is useful for timed alerts such as activating sirens at set intervals for short durations. Real-time energy monitoring provides valuable insights to optimise energy usage and costs. Compatible with Amazon Alexa and Google Assistant for voice control, and 2kV Surge Protection.

2. BASIC FEATURES

- **Smart App Compatibility:** Easily access advanced features by downloading the free Major Tech Hub Smart App.
- **Energy Consumption Insights:** Gain in-depth insights into your energy consumption through the Major Tech Hub Smart App.
- **Advanced Timing Options:** Enjoy precise control, over the devices connected to the MTS11B, with versatile timing options, including Countdown, Schedules, Cycle Timers, Random Timer and Inching modes.
- **Compact Form Factor:** Designed with a compact form factor (Size:Ø61 x 79mm) to allow for easy unobtrusive installation onto sockets.
- **Dual Mode Connectivity:** Always stay connected as the Smart Socket automatically and seamlessly fails over to Bluetooth if Wi-Fi connection is lost or becomes unavailable.
- **Voice Control:** Compatible with Alexa and Google Assistant

3. CONNECTING DEVICES TO MAJOR TECH HUB (QR CODE located at the back of the manual)

3.1 Download the free **“Major Tech Hub”** App from the Play Store or Apple App Store, once installed log in or create a new account.

3.2 Go to the App Settings of Major Tech Hub on your device and allow all permissions, to ensure full functionality and a seamless connection experience.

3.3 Connect to a 2.4GHz Wi-Fi Network (Smart devices not compatible with 5GHz Networks ensuring better range and stable connections).

3.4 Power on smart device/s. (Device/s power on in pairing mode by default.)
- **Note:** If device/s are not in pairing mode, press and hold the power/reset button for 5-7 seconds to manually enter pairing mode.

3.5 **Open Major Tech Hub:** On the **"Home"** page, tap on “+” or **“Add Device”**.

3.6 Smart devices that are activated and in pairing mode, will be displayed once

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4. PRODUCT PARAMETERS

Function	Range
Rated Current	16A Max.
Voltage Range	100 - 240V AC
Frequency	50/60Hz
Maximum Load	3680W Max.
Power Outlet Type	16A SA 3-Pin (SANS 164-1)
Power Consumption	Active: <0.9W
	Standby: <0.6W
Surge Protection	2kV AC
Communication	Wi-Fi: IEEE 802.11b/g/n
	Bluetooth: v5.2(LE)
IP Rating	IP20 - Indoor Use
Casing Material	Flame Retardant Polycarbonate
Energy Monitoring	Yes
Indicator LED	Yes - Blue
Operating Temperature	-20°C ~ +50°C
Operating Humidity	<80% RH (non-condensing)
Dimensions	Ø61 x 79mm (incl. pins)
Weight	100g
Standards	IEC 60884-1, IEC 60884-2-5, SANS 164-1, IEC 60730-1, IEC 60730-2-7
Approvals	ICASA, SANS, LOA
Warranty	2 Years

DOWNLOAD THE FREE MAJOR TECH HUB APP BY SCANNING THE QR CODE

Available on the App Store

Get it on Google Play

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