

MTronic Touch Panel - 1 Gang

## DESCRIPTION

MTronic Touch Panel - 1 Gang is a smart gang switch that allows you to control a device by tapping on the gang manually and by using the MTronic applications

## POWER SPECIFICATIONS

Input Voltage	230 VAC, 50/60 Hz
Standby Power	< 1 Watt
Max Load	L1: LED (Externally Ballasted): Max. 100W Incandescent/Resistive Load: Max. 2A

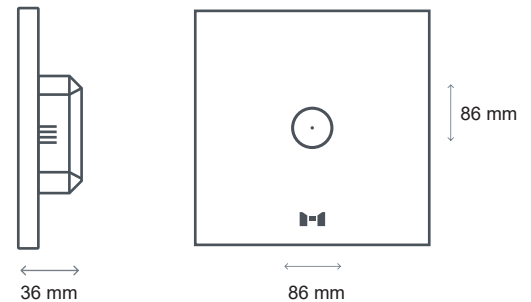
## WORKS WITH

- MTronic Web Portal
- MTronic Android Application
- MTronic iOS Application

## CONNECTIVITY SPECIFICATIONS

Interface	Short-Range Mesh Technology 5.0, IEEE 802.15.1
Control Method	Touch and Wireless
Dependency	MTronic MHub
Compatibility	Google Home, Amazon Alexa Assistant

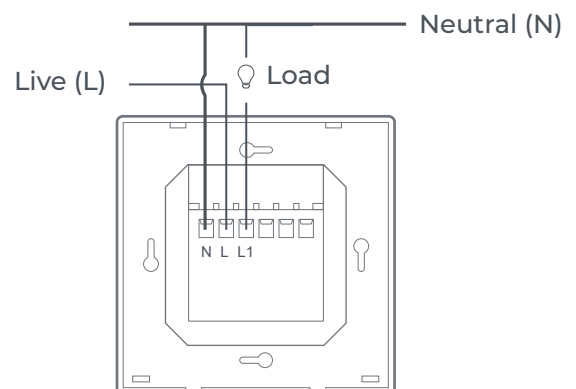
## TECHNICAL DRAWING IN MM



## TEMPERATURE AND HUMIDITY SPECIFICATIONS

Working Temperature	-25 to +50°C
Humidity	85%

## WIRING DIAGRAM



## PHYSICAL SPECIFICATIONS

Item Type	Switch
Available Colors	White, Black, Grey, and Gold
Material	PC V0 Flame Retardant and Tempered Glass
Mounting Type	Flush-Mount
Dimensions	86 x 86 x 36 mm

## RADIO SPECIFICATIONS

Wireless Communication	Short-Range Mesh Technology
Short-Range Mesh Technology Frequency	2.402-2.480 GHz

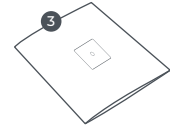
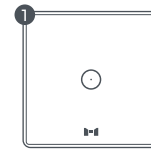
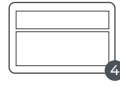
## ANTENNA PROPERTIES/ ANTENNA GAINS

Transmitter Power	+9dBm
Antenna Gain	3.96 dBi



## IN THE BOX

1. MTronic Touch Panel - 1 Gang x 1
2. Screws x 2
3. Quick Start Guide x 1
4. Warranty Card x 1



## SAFETY INSTRUCTIONS

**⚠ Danger!**  
Note about hazard

**⚠ Warning!**  
Note about potential hazard

### Dos

- ⚠ **1. Tighten or loosen the screws when no Live wire is connected.**
- ⚠ 2. Use the device only under 2000m altitudes.
- ⚠ 3. Since the installation requires working with high voltages, it **MUST** be installed and uninstalled by an expert electrician.
- ⚠ 4. Ensure there are appropriate fuse/circuit breakers installed for the space and turn them off before installation. Turn them on only after the installation is done.
- 5. Wear insulation gloves, use wire nuts/electrical insulation tape to insulate the wire joints or stripped parts of the wire, and trim the extra wire to avoid electrocution and short-circuiting.
- 6. Use a wire gauge to select the wire size as required. Use 26~14 AWG solid or stranded wire preferably.
- 7. Make sure the panel has no gap with the wall that allows its removal with bare hands. Also ensure that the screw terminals and wires in it are correctly seated.
- 8. Use a slotted screwdriver that fits well in the casing lock, or it will damage the lock.
- 9. Operate the device only within indoor environments to keep it sheltered from all weather conditions.
- 10. After installation, clean the glass top of the device well such that it has no grease, moisture, or covering on it.

### Don'ts

- ⚠ **1. The device must not be used in an explosive atmosphere.**
- ⚠ 2. Do not open the device by yourself nor use it if any of its parts is broken.
- ⚠ 3. Do not place the device in an exposed setting after connecting the load.
- ⚠ 4. Do not connect a load higher than the power rating of the device.
- ⚠ 5. Do not interchangeably use the Neutral and Live wires.
- ⚠ 6. Do not try to repair the device by yourself.
- 7. To avoid damage to the circuitry, do not tighten the mounting screws more than required.
- 8. Do not allow children to play with the device or its packaging as its plastic film and small components may pose a choking hazard to them.
- 9. Do not install the device in damp rooms or wet areas.
- 10. Do not use a dripping wet cloth to clean the device.
- 11. Do not dispose-off the device with other household garbage. It should be recycled according to the National regulations.
- 12. Do not leave the space between panel and wall as the water may seep in to the panel only from the wall.
- 13. Do not remove the WARRANTY VOID sticker as it voids the warranty.
- 14. Do not try to remove the glass casing using bare hands, it can only be removed by inserting the slotted screwdriver in casing locks.

## FAULT CORRECTION AND MAINTENANCE

### Warning

Opening the device by yourself nullifies the warranty. Generally, the device is maintenance-free and would not require to be opened.