



MTronic Smart Blinds

## POWER SPECIFICATIONS

Working Voltage	230 VAC, 50/60 Hz
Standby Power	< 1 Watt
Max Power	36 Watts

## CONNECTIVITY SPECIFICATIONS

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

## TEMPERATURE AND HUMIDITY SPECIFICATIONS

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

## MOTOR SPECIFICATIONS

Motor Length	515 mm
Motor Diameter	35 mm
Rated Torque	10 Nm
Rated Speed	16 rpm

## PHYSICAL SPECIFICATIONS

Item Type	Smart Blinds
Available Color(s)	White
Supported Fabric Types	Cotton, Polyester

## RADIO SPECIFICATIONS

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

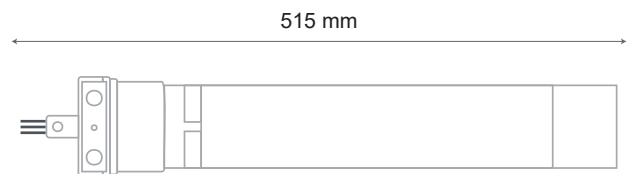
## DESCRIPTION

MTronic Smart Blinds is a blinds motor that makes your existing blinds smart. With MTronic Smart Blinds, you can control your blinds using MTronic applications (Android, iOS, and Web portal), voice assistants (Amazon Alexa), and Smart Blinds Panel.

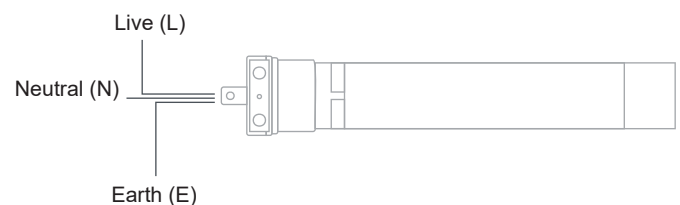
## WORKS WITH

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

## TECHNICAL DRAWING IN MM



## WIRING DIAGRAM



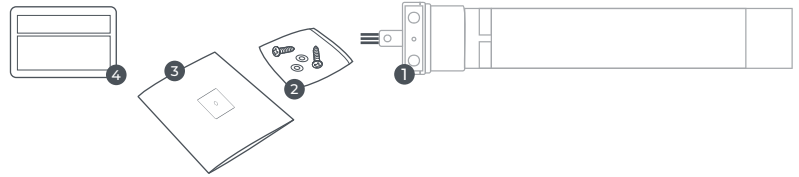
## ANTENNA PROPERTIES/ ANTENNA GAINS

Transmitter Power	+9dBm
Antenna Gain	3.96 dBi



## IN THE BOX

1. MTronic Smart Blinds x1
2. Screws x2
3. Quick Start Guide x1
4. Warranty Card x1



## SAFETY INSTRUCTIONS

**▲ Danger!**  
Note about hazard

**⚠ Warning!**  
Note about potential hazard

### Dos

- ▲ 1. **Since the installation requires working with high voltages, it MUST be installed and uninstalled by an expert electrician.**
- ▲ 2. **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.**
- ⚠ 3. **Tighten or loosen the screws when no Live wire is connected.**
4. Operate the device only within indoor environments to keep it sheltered from all weather conditions.
5. Use a wire gauge to select the wire size as required. Use 26~16 AWG solid or a stranded wire preferably.
6. 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.
7. The connections must be made as shown in the wiring diagram.
8. Use the device only under 2000m altitudes.

### Don'ts

- ▲ 1. **The device must not be used in an explosive atmosphere.**
- ▲ 2. **If the device stops functioning, please reset the external circuit breaker of the space. Do not try to open or access the housing of the device.**
- ▲ 3. **Do not open the device by yourself nor use it if any of its parts is broken. Also, do not use relay if its internal fuse is broken.**
- ⚠ 4. Do not interchangeably use the Neutral and Live wires.
- ⚠ 5. Do not dispose-off the device with other household garbage. It should be recycled according to the National regulations.
- ⚠ 6. Do not allow children to play with the device or it's packaging as its plastic film and small components may pose a choking hazard to them.

## 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.