

# SECUMETRON Smart Home



Change channel to Cartoon

Active movie scene

Control lights



[www.secumetron.com](http://www.secumetron.com)

# What's **Inside** ?

---

Smart Home  
Affordable for All

01

Travel Adapter

11

Features

02

Smart Lock &  
Motor Panel

12

Mobile App

04

SecuColor LED  
Strip

13

Voice Integration

06

SecuPro Touch  
Switches

14

SecuSens Switches

07

Smart Energy  
Monitoring System  
& Motion Sensor

15

Sensors &  
Sensor strip

08

SecuLite Smart  
Switches

16

Smart IR  
Remote

09

SecuLite Heavy  
Duty Modules &  
Smart MCB

17

Smart Plug

10

# Smart Homes. Affordable for All

---

At **Secumetron**, we believe that high-end technology must be affordable for all. With our flagship offering, Secumetron Smart Home we aim to make this dream a reality. The smart home comes with features that let you add smart capability to your home appliances without replacing any of their existing set-up, at the same time adding an extra layer of security to your home.

Equipped with an app that lets you control your smart home from anywhere in the world, Secumetron Smart home truly is a stepping stone for anyone who wants to savour the experience of living in the future.



# Features



## Control from Anywhere

Control all appliances in your home from anywhere in the world.



## Comfort and Convenience

Switch on/off appliances anytime from anywhere. No more worries about hassles at home.



## Tighter Security

Monitor your home on the go. Set virtual locks on every room that'll smartly notify about any intrusion.



## Live Power Tracking

Monitor hourly and daily power consumption at home in real time to help save more power.



## Timing Set-up for all Devices

Set timers on any device, from light bulbs to water pumps.



### **Lighting Options Tailor made for you**

Set custom light settings than turn on with a single tap to suit different moods- like movie night, party scene etc.



### **Smart Entertainment Control**

Control all IR remotes with just the smartphone. Give a smart makeover to your DTH TV with new capabilities.



### **A Mobile App for the Beloved Master**

Have complete control over the smart home with your phone. Keep an eye on your home from anywhere in the world.



### **The Voice Assistant**

Your home's new best friend: With Amazon echo or Google assistant, use your voice as a remote to control all your appliances.



### **More Intelligence to your Appliances**

Let your appliances customize their actions for you, without you having to play with the remotes all the time.

# Mobile **Application**

## Seamless User Experience

The app windows easily switches between home, switches and remote tabs to enable an effortless user experience.

## Power Tracking Tab

The power tracking tab on the home dashboards displays your hourly and daily power consumption in real time.

## Set Schedules & Routines

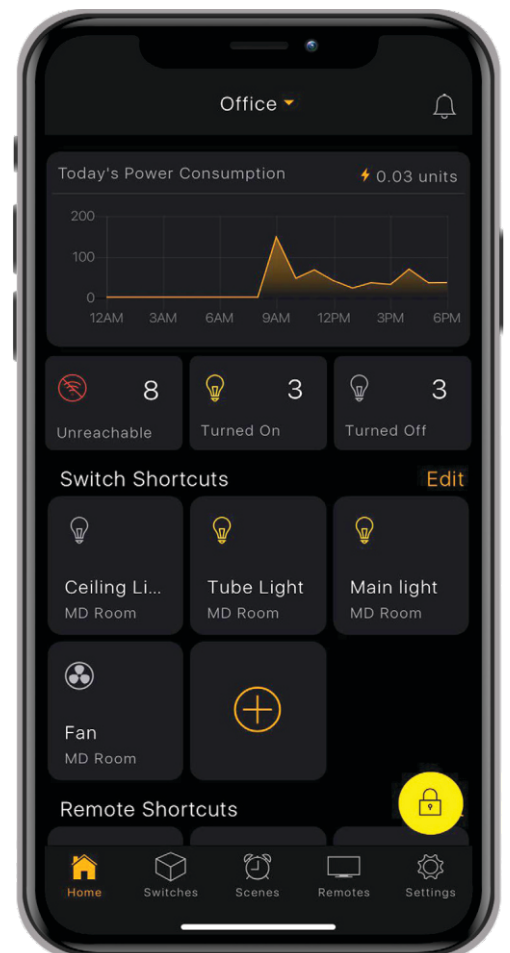
Set your appliances to power on/off at preset timings, create routines for a set of appliances so they can operate in sync without manual operation.

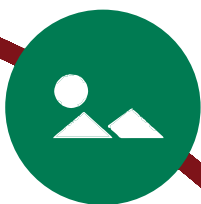
## Lock Room Capability

This feature lets the user lock any room in the house via the app, so that he'll be notified of any intrusion immediately.

## Option to share home access

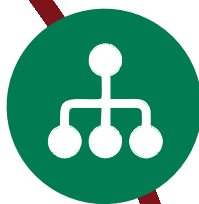
Share your smart home app access with all other members of your home





## Scenes

Customize your appliances to create theme based scenes for you whenever you want them to. Ex: evening scene, birthday scene etc.



## Workflows

Let your appliances make intelligent decisions based on their surroundings. Ex: Your AC automatically switches on when the room temperature reaches 30 degree Celsius.



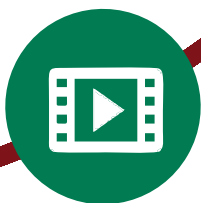
## Create auto-turn off timers

Set timers on your appliances so they only work for the required duration.



## Remotes

Use your app as a substitute remote for all your physical IR remotes. Create custom remotes and default remotes



## Inapp Entertainment Guide

Access your TV guide inside your app. Set favorites, reminders, access streaming links on your favorite channels and programs.



# VOICE INTEGRATION



Control your smart home with even greater ease. Use your **Google Assistant** or **Amazon Echo** product to operate your appliances with just your voice!



"Hey **Google**, Turn on AC"

"**Alexa**, Turn on Geyser"

"Hey **Google**, Turn off AC"

"**Alexa**, Turn off Geyser"



## SecuSens SWITCHES

The Secumetron Switch comes in 2 variations – 3P switch 4P switch. Every switch contains a fan dimmer control along with normal switch controls. It is packed with an attached sensor strip. This switch allows you to control all common home appliances via the Secumetron Smart Home app. It also contains a power measurement circuit for displaying live power consumption data of connected appliances in real time.

### Features

- ★ Easy to install - can be finished in less than 15 minutes.
- ★ In built surge protector to protect your appliances from both high and low voltages.
- ★ Retrofit module – No need to modify the existing wiring set-up. The Secumetron switch can be installed keeping the existing switches and wiring intact (No modification needed for two way switching also).
- ★ It works perfectly with manual switching also.
- ★ Comes with built-in dimmer for fans. Integrated with Google Assistant and Amazon Alexa to provide voice control over appliances.
- ★ Can communicate over Wi-Fi and works with/ without internet.

### Appliances you can control



Led Lights



Tube Lights



Bulbs



Sockets



Fans

6A current rating.  
I/P voltage rating: 230V /50 Hz.

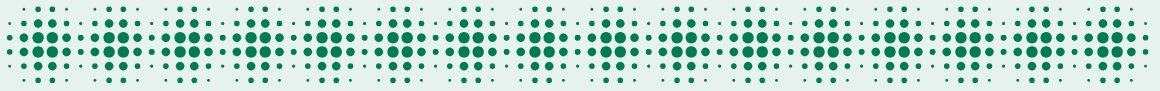


## SENSORS & SENSOR STRIP

The sensor strip comes as a package with the Secumetron switch. It is to be attached to the SecuSens 3P & 4P switch during set-up. It has an inbuilt temperature sensor and an IR blaster along with 2 USB ports to hold two additional sensors. Secumetron sensor catalog includes commonly used sensors such as gas, temperature, motion, light among many others.

### Features

- ★ No need of separate purchase. It is shipped with the Secumetron switch by default.
- ★ Appliances can take appropriate decisions based on values obtained from sensors like change temperature, check for intruder etc.
- ★ All IR remote controlled appliances like AC, Set-top box, TV etc.. can be controlled via the Secumetron Smart Home app using the switch and sensor strip arrangement.



## SecuRED

SecuRED is a universal portable remote which can act as a substitute for all IR remote controlled appliances. It is fitted with four IR blasters which can cover 360 degree radius. SecuRED can be connected to any USB power outlet (mobile chargers) and can be operated easily via Wi-Fi. It can be placed anywhere in the room to control appliances.



## Features

- ★ Ultra-portable, fits right in your pocket.
- ★ The IR blasters cover all appliances within 15m radius.
- ★ Easy configuration – takes less than a minute.
- ★ Compatible with almost all electronic brands in the world.
- ★ Integrated with Google Assistant and Amazon Alexa to provide voice control over appliances.
- ★ Can communicate over Wi-Fi and works with/without internet.

## Appliances you can control



Set-Top Box



Television



AC



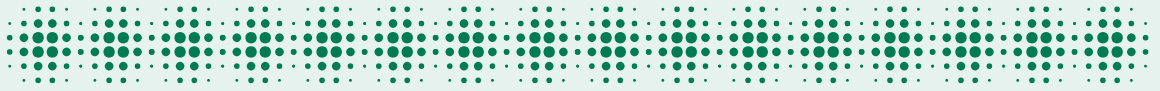
Home Theatre



Projector

Power rating: 5V/1A rating.

Range: Up to 25m around its vicinity.



## SMART PLUG

SecuSens HD is a heavy duty smart plug can be used for connecting heavy duty home appliances to the Secumetron smart home network. It contains power measurement circuit for dynamic power measurement, inbuilt surge protector and ceramic housing for electrical protection. It can safely operate 6A and 16A rated appliances.



### Features

- ★ Suitable for high power consuming devices.
- ★ Has a built-in surge protector to protect costly appliances from power surges.
- ★ Power monitoring features to measure power drawn by the device in real time.
- ★ Can communicate over the Wi-Fi, works with/without internet.
- ★ Comes with manual switching capability.

### Appliances you can control



AC



Geyser



Kettle

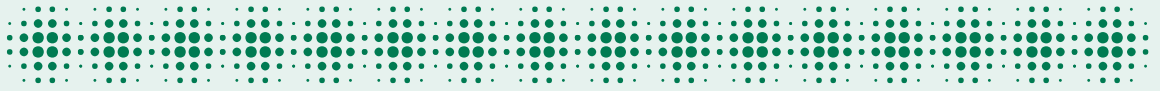


Iron Box



Coffee Maker

Designed to connect 6A/16A appliances.  
I/P voltage rating: 230V,50Hz.



## TRAVEL ADAPTER

The Secumetron travel adapter is a portable Wi-Fi supported plug that can act as a smart plug as well as a smart remote. It has 3 sockets with 6A rating- a 3 pin socket and two 2 pin sockets. It has inbuilt IR sensors for controlling IR appliances.



### Features

- ★ Can connect up to 3 appliances at a time.
- ★ Works as a smart remote for TV, Set-top box, AC or any IR remote controlled device.
- ★ Integrated with Google Assistant and Alexa to provide voice control over appliances.
- ★ Since it is portable, it can be carried anywhere for use.
- ★ Can communicate over Wi-Fi and works with/without internet.

### Appliances you can control



Set- Top Box



Television



Table Lamp



Table Fan



Mobile

Power rating: 6A | 230V,50Hz.

# SecuLOCK

The smart lock lets you open the door with your smartphone. It is a bluetooth enabled lock with a Wi-Fi dongle provision allowing you to lock or unlock doors from anywhere in the world. It will allow you to secure your home so that only authorized people are allowed access to the lock.

## Features

- ★ Can be locked and unlocked via app only by authorized users.
- ★ Works with manual keys.
- ★ Has a rechargeable battery life up to 1000 toggles.
- ★ Works on wooden doors, metal doors, security systems.

## Appliances you can control



Wooden Doors



Metal Doors



Security Systems



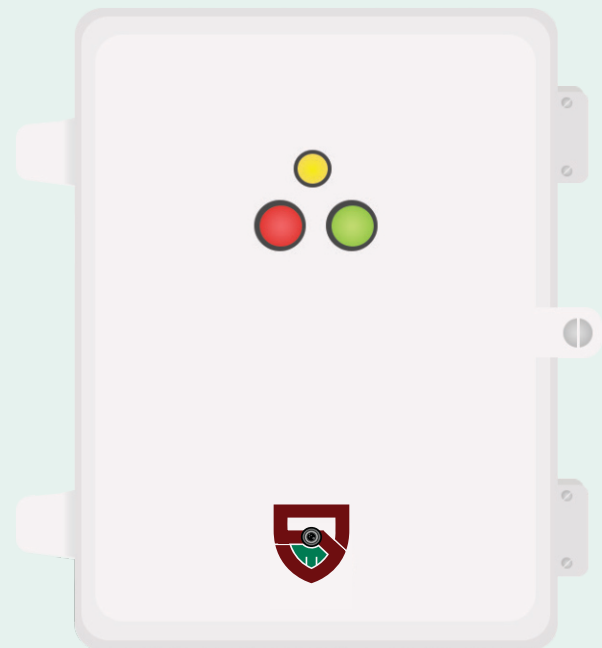
# MOTOR PANEL

The motor panel is available in both 3 phase and single phase versions. It can be used to control water pump at home as well as irrigation pumps. The user can control the water pump from anywhere in world using the mobile app or a smart keychain. The panel has a built-in contactor box enabling easy installation. It is designed to protect your motor from dry run, overload, phase reversal and phase failure.

## Features

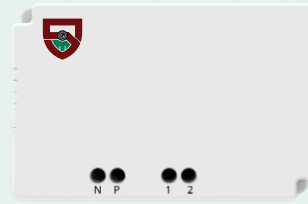
- ★ Can schedule motor on/off timings as per convenience.
- ★ Can operate the motor from anywhere in the world.
- ★ Mobile app to control the motor panel in different regional languages.
- ★ Works with all kinds of agricultural motors.
- ★ Comes with a smart keychain consisting of on/off buttons for farmers for easier use.

Power rating : 230V, 50Hz | 415V, 50Hz





(LED Strip)



SecuColor Controller



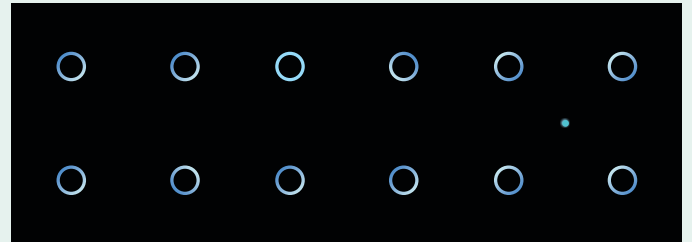
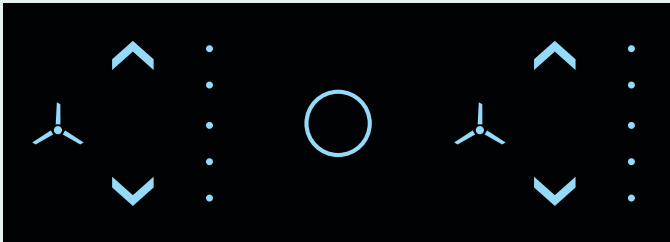
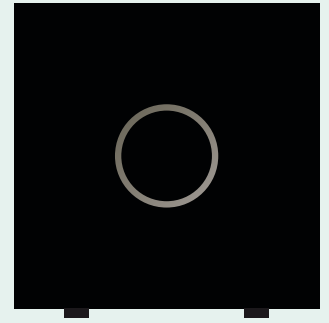
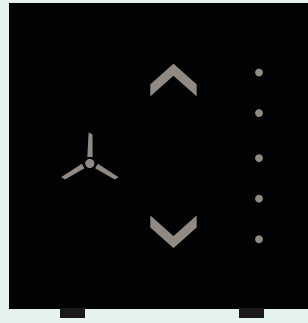
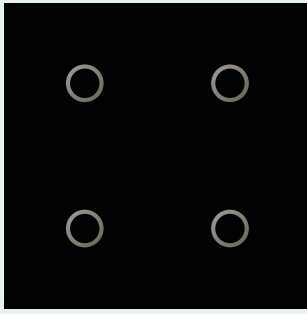
Driver

## SecuColor LED Strip

Make your life more vibrant with Colors LED Strip. Multi-color LED light strip that glows in any color.

### Features

- ★ Flexible like you want it. Bend it, twist it, flex it. Fit Colors light strip wherever you wish to. Walls, ceilings, cupboards.
- ★ Play with colors as much as you like. Colors light strip lets you choose from any of the 16 million colors in the RGBW spectrum.
- ★ Control Colors light strip with your digital voice assistants (Alexa or Google Assistant).
- ★ Combine your Colors lights strip with other smart light switches in Secumetron Mobile App to create a unique and special light combination.
- ★ Create your own rainbow with Patterns. The Patterns feature on Secumetron Mobile App lets you create glow combinations with different colors.
- ★ Supports upto 30 meters with 24V Driver.
- ★ Supports upto 5 meters with 12V Driver.
- ★ 60-90 LEDs per Meter.



## SecuPro TOUCH SWITCHES

Experience extreme elegance in your office or home and wherever your décor truly matters. SecuPro Touch Switches from Secumetron with their unique, sleek design and skin will suit to replace all your present switchboards. The best of design and smartness at your fingertips.

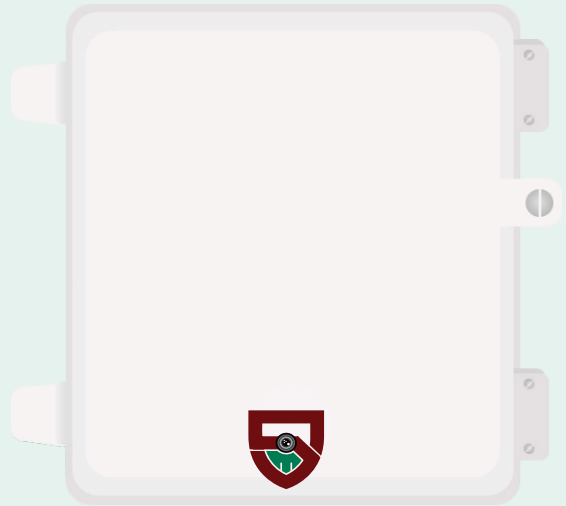
In both existing properties as well as new properties, Secumetron Touch Switch solutions can be installed as replacement switches to the ordinary ones.

### Features

- ★ Perfect responses to all your touch commands.
- ★ Advanced circuit design to control any electrical load without any hitch.
- ★ 2 minutes installation with no additional wiring.
- ★ Simple retrofit installation.
- ★ Schedule an appliance to turn ON/OFF at your convenient time.
- ★ Offers three colour options (Black, White & Gold).

# SMART ENERGY MONITORING SYSTEM

Secumetron smart energy monitoring systems is a complete IoT based solution for health & energy monitoring for a wide range of applications. This solution comes with a Dashboard specifically designed for getting analytical insights from all your appliances.



## Features

- ★ Can monitor Voltages, Currents, Power Factors, Harmonics, Power in individual phases.
- ★ User configurable alerts for different events (Over Voltage, Over Current, Overload, Phase Reversal, Abnormal PF, Abnormal Harmonics).
- ★ Configurable settings for Health monitoring of appliances.
- ★ 7 different types of parameters, 61 parameters in total.
- ★ Connectivity over 2G GSM.
- ★ Meter Type – 3 Phase 4 Wire.

Voltage Range from 0V to 320V and Current up to 200A

Frequency – 50/60Hz

# MOTION SENSOR

Security systems are the bread and motion sensors are the butter—these two come together to give you and your family the enhanced protection that your home needs. When searching for the best motion sensors for your home, it's important to consider the type of technology and features.

At Secumetron we provide you with the best of both hardware and software experience. The infrared motion sensor integrated with our Secumetronapp ensures reliability and ease of access.



## Features

- ★ Automatic light on /off PIR switch(Power Saver).
- ★ The extra-wide delay time adjustment: about 10 seconds - 7 minutes adjustable.
- ★ Adjustable Ambient Light 3-2000. ★ 360 degree detection.
- ★ Detecting distance of up to 7M. ★ Motion Detection Speed 0.6-1m/s.

Operating Volt AC 220-250V Load power Up to 300/1200W Max



## SecuLite SMART SWITCHES

Switch on/off all your appliances remotely with SecuLite smart switches. Avail all automation features in the Secumetron Mobile app such as schedules, routines, timers, and scenes. Dim your lights. Change the fan speed. Do all of this from any where in the world. Control all of them using voice with Google Assistant and Amazon Alexa.

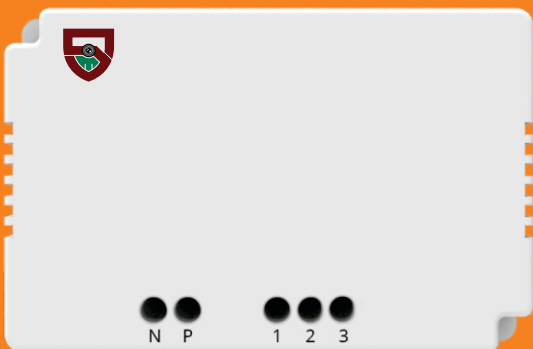
Available in 5 variants- 1/2/3/5 switch controllers as well as switch & fan controller (1+1) package. Choose the device that suits your needs the most!



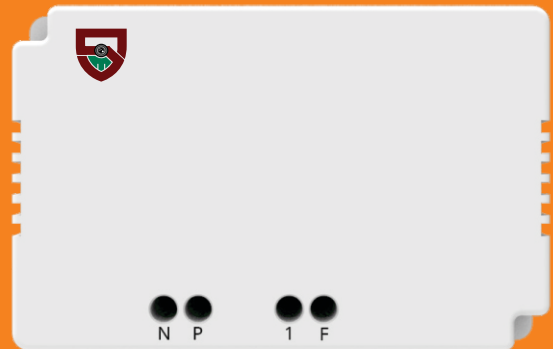
**1 SWITCH**



**2 SWITCH**



**3 SWITCH**

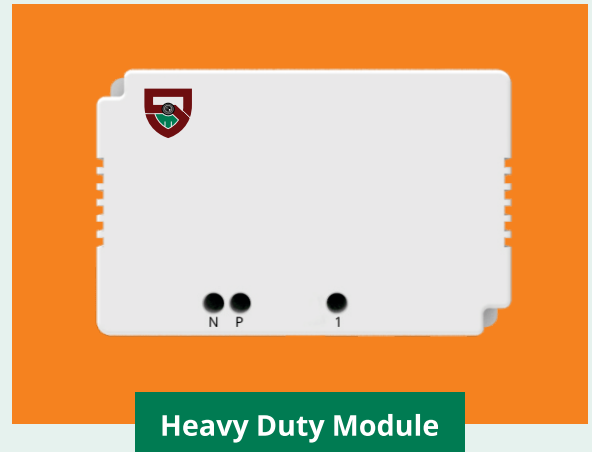


**1+1 SWITCH**



## SecuLite HEAVY DUTY MODULES

Control your heavy-duty appliances with your smartphone using Secumetron's Heavy duty modules HD & HD+ rated at 16 A & 25 A. Use the SecuLite heavy duty controller inside your switchboard to smartly control heavy duty appliances like AC's and Geysers. It comes with an inbuilt surge protector for electrical protection. Avail all the features in the Secumetron Smart Home app with this device. Turn on and off your heavy appliances. Create auto-turn off timers for them to avoid any power wastage. Automate their working by creating schedules and routines on the app.



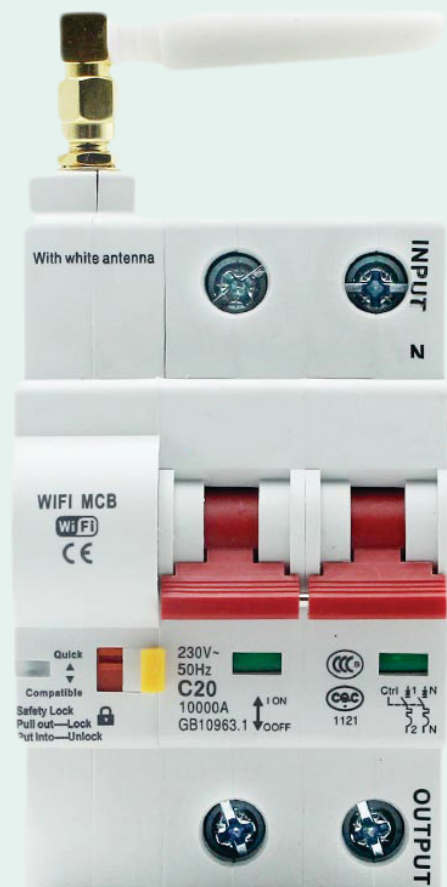
## SMART MCB

Smart circuit breaker can be used to transform the ordinary household wiring into a smart system with automation. Smart MCBs protect your home from voltage fluctuations and any short circuiting. The time setting can be done through a smart phone instead of manual operation.

### Features

- ★ Control remotely from anywhere anytime.
- ★ Schedule ON/OFF.
- ★ Voice control with Google assistant and Alexa.
- ★ Overload and short circuit protection.
- ★ Over voltage and under voltage protection.
- ★ Impulse withstand voltage 6000V.
- ★ Less phase protection.


2P Single phase MCB - Rated 63A max  
4P 3 phase MCB - Rated 40A, 60A and 100A





## SECUMETRON's Commitment to Customer Satisfaction

---

We at SECUMETRON believe that technology is not only meant for a select few, but also should be accessible and affordable to all people out there. We take every effort to make our solutions compatible for all our customers. For any queries or clarifications, **please reach out to us at:**  **+91 86861 25050**

 **info@secumetron.com**  **www.secumetron.com**



First Floor, H. No. 8-1-332/3/B/3, Arvind Nagar Colony, 7 Tombs Road,  
Tolichowki, Hyderabad, Telangana 500008. INDIA

**For Sales Enquiry Contact :**