

# 1 WAY SWITCHES WITH INDICATOR 240V~

(1 module / 2 module)



## Functions

Switching on and off resistive, inductive or capacitive loads.

- Lighting Circuits.
- Lighting fittings (Luminaries) with incandescent lamps.
- Lighting fittings (Luminaries) with fluorescent lamps with or without power factor compensation.
- Dedicated circuits such as:
  - Motor driven application (ceiling fans, exhaust fan etc.)
  - Television sets, computers etc.
  - Switched socket outlets.

## Conformity to standards.

IS 3854/97, IEC 60669-1

## Logo marking:



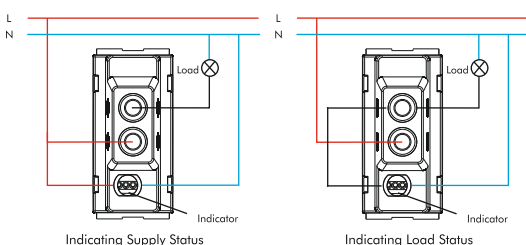
## Technical Specifications

- Single pole, one way switch.
- Rated voltage 240V AC.
- Rated current 6AX / 10AX / 20Amp.
- Switch with 6AX / 10AX rating are specifically designed for fluorescent and inductive load.
- Clearance between poles > 3 mm.
- Insulation resistance (dry) tested with 500 V DC > 100 Mega ohms.
- Minimum electric strength 2000 V AC across break.
- Minimum making and breaking capacity 200 operations with 1.25 times rated current at 264 V and 0.3 lagging power factor.
- Electric life > 50,000 switch operations with rated current and rated voltage and power factor 0.6 (lag).
- Enclosure flame retardant at 850°C ascertained by glow wire test.
- Resistance to humidity - after conditioning of specimen in | humidity chamber for 48 hours @ 90% RH at 25-45°C insulation resistance > 2 Mega ohms.
- Silver cadmium oxide contacts for low contact resistance and enhanced operating life.
- The rocker manufactured from self lubricating plastic material having high thermal stability.
- Sleek design and soft contours.
- Provided with LED Indicator.

## Nomenclature and Marking

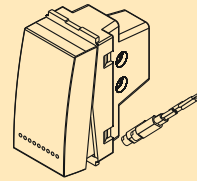
GM modular range is marked with details using laser technology with absolute precision and indelibility.

## Wiring diagram



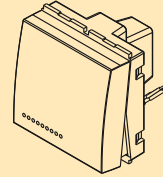
## Different varieties:

### 1 Module:



AA 1 002	1 Way Switch - 10AX with Indicator
AA 1 402	1 Way Switch - 6AX with Indicator
AA 1 006	1 Way Switch - 20A with Indicator

### 2 Module:



AA 2 004	1 Way Switch - 10AX with Indicator
AA 2 008	1 Way Switch - 20A with Indicator

## Front and side view showing the over all dimensions in mm

