

# TOUCH DIMMER (with master)

(1, 2 & 3 module)



## Characteristics

Touch dimmers are designed with phase control technology using high power triacs.

## Functions

Dimmers are designed to regulate intensity of light

## Technical Specification

- Related voltage:
  - Only AA 1 202 : 240V~ 50Hz.
  - All other : 110 - 240V~ 50Hz.
- Rated load per dimmer: 450W.
- Tested for 20,000 switching cycles at rated voltage and load.
- Low internal power loss giving minimum temperature rise.
- Suitable for screw less mounting on the plates.
- Working principle : Triac based, phase control.
- Impact protection: IK02
- Class II appliance.

## Special Features

- Provided with high power triac for phase control giving variable voltage.
- Switches ON by gentle push in 9 steps (gradual switching).
- The intensity of light can be increased/decreased by pressing appropriate Up/Down key.
- LED indication to display status of the switch.
  - 1) Blue - OFF
  - 2) Red - ON
- Built in memory to switch ON the appliance at the last set value in case of power failure.
- Confirmatory beep sound on every successful operation.
- (Only on AA 2 206 & AA 3 210).
- Available in 1, 2 & 3 module, mountable in Modular plates.
- Front Mounting - no need to unscrew the base plate for replacing the accessory.
- Silent Operation.

## Nomenclature and Marking

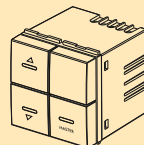
GM modular range is marked with details using laser technology with absolute precision and indelibility.

### Different varieties:



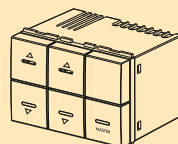
AA 1 202

Touch -Dimmer - 1 module



AA 2 206

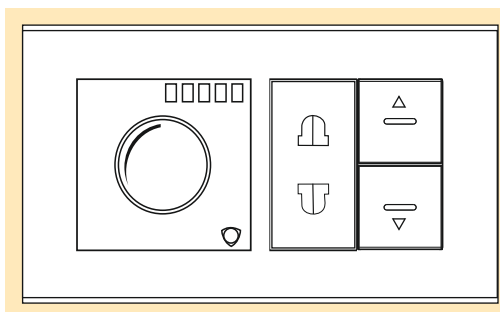
Touch -Dimmer - 2 module with Master



AA 3 210

Touch -Dimmer - 3 module with Master

### Suitable for use with other modular accessories

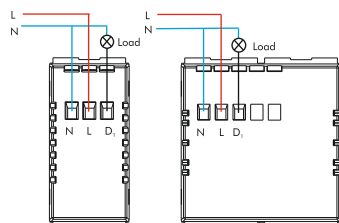


## Safety Instructions



- Electrical equipment must be installed and fitted by a qualified electrician only.
- The electronic switches are single pole switches and disconnect only one pole when they are OFF.
- Before working on the appliance, to prevent electric shock, disconnect both the poles of the main supply.
- Failure to observe any of the installation instructions may result in fire and other hazards.

## Wiring diagram



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

