

# TOUCH INFRARED DIMMER

with 9 step digital display



## Characteristics

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

## Functions

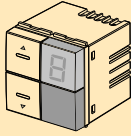
Dimmer are designed to regulate intensity of light.

## Technical Specification

- Related voltage: 110 - 240V~, 50Hz.
- Rated load per dimmer: 450W.
- 9 stage digital display for level of intensity of light.
- Tested for 10,000 switching cycles at rated voltage and rated load.
- Low internal power loss giving rise to minimum temperature rise.
- Working principle: Triac base, phase control.
- Suitable for mounting on ignitable surface. ▽
- Impact protection: IK02
- Class II appliance. □

## Special Features

- Operates by gentle push in 9 steps (gradual switching).
- Intensity of light can be increased/decreased by pressing the appropriate Up/Down keys.
- Can be switched OFF by ▽ key till 'O' stage is reached or by the assigned key on remote.
- Digital indication to display the intensity of the load.
- Provided with high power triac for phase control giving variable voltage.
- Built in memory to switch ON the load at the last set value in case of power failure and master OFF action by remote.
- Front mounting - no need to unscrew the base plate for replacing the accessory.
- Confirmatory beep sound on every successful operation.
- Silent operation.

Product	Product code	Details
	AA 2 255	Touch - Infrared 1 Dimmer with 9 step digital display

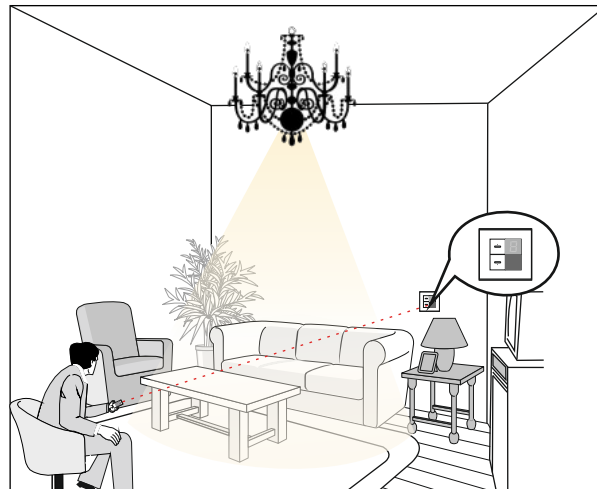
## Assignment of touch dimmer with digital display on remote (AA R 001)

- Press the Down key (▽) of the dimmer required to be assigned for 5 sec. Image of 'A' on 7- segment indicator indicates that the dimmer is ready for further command .
- Press any numerical key on the remote as per your preference. A numerical stage of light will appear on the indicator indicating that assigning process is over.
- The dimmer can now be controlled by pressing the assigned key. The red and blue LED indicators on the dimmer will start flickering alternatively, which means the dimmer is ready to accept (+)/(-) command on the remote to regulate the light with a default time of 5 sec.
- To exit the assigning process immediately, press any numerical key except the already assigned key.

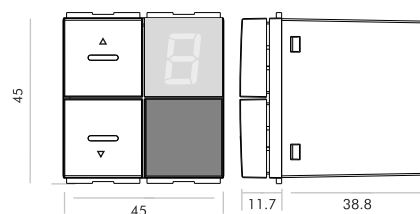
## Nomenclature and Marking

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

## Example of Use



Front and side view showing the over all dimensions in mm



## Wiring diagram

