

TOUCH INFRARED SWITCH

(2 module) - 16A, 240V~



Characteristics



Remote Controlled Touch Panel Switches are designed with programmable IC & integral relay and are operated by a gentle push. The switches can also be controlled using an IR based remote control.

Functions

Operating ON and OFF resistive, inductive or capacitive loads.

- Lighting circuits:
 - Incandescent lamps/fluorescent lamps, with or without power factor compensation.
- Dedicated circuits such as:
 - Motor driven appliances (ceiling fans, exhaust fan etc.)
 - Television, computer sets etc.

Technical Specification

- Rated voltage : 110 - 240V~ 50Hz.
- Rated load : 16A. Resistive
 - Incandescent lamp - 3000W
 - Halogen with transformer - 2000W
 - Halogen without transformer - 3000W
 - Compact Fluorescent lamp - 1000W
 - Inductive motor load - 10A (P.F. - 0.6 lag)
- IR based remote control
- Service life : Over 1 lakh operations
- Suitable for mounting on ignitable surface. 
- Impact protection : IK 02.
- Class II Appliance. 

Salient Features

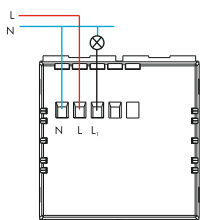
- The unit can also be operated using IR based remote control (product no. AA R001) by pressing the assigned key.
- LED indication to display status of the switch.
 - 1) Blue - OFF 2) Red - ON
- Provided with inbuilt relay. The arcing contacts are housed in the casing hence safe from potential fire hazards.
- Employs a smart micro processor to save the preset functional parameters in case of power failure.
- Provided with a master key for turning all the circuits ON/OFF.
- The multiple circuits are switched ON/OFF by master key one after another to avoid heavy variation of current.
- Suitable for mounting with other modular accessories.

Safety Instructions

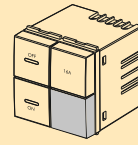


- Electrical equipment must be installed and fitted by a qualified electrician only.
- The electronic switches are single pole switches and disconnect only one pole when they are OFF.
- Before working on the appliance, to prevent electric shock, disconnect both the poles of the main supply.
- Failure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

Wiring diagram



2 Module:



AA 2 261

Touch Infrared Switch
16A, 110-240V~

Assignment of remote controlled touch panel switches on the Remote: (Product Code AA R 001)

- Assignment of individual accessory.
 - Press an individual key for 5 sec on touch panel. A continuous beep sound is emanated indicating that particular load is ready for assignment.
 - Press a numerical key on remote as per your preference. The beep sound would stop abruptly indicating a successful assignment.
 - The touch switch can now be switched ON/OFF by pressing the assigned key on the remote.
- Assignment of accessories in a group.
 - Repeat the above step A(i) & A(ii) to assign other accessories on the same or other key on the remote.
 - This way number of accessories can be assigned on a specific key on the remote by which the assigned touch panels can be controlled.
 - The above feature will enable the user create his/her own preferred choice.
- Reconfiguration.
 - To delete the already configured accessory on the remote and to assign the same to a different key on the remote, repeat steps A(i) & A(ii) and assign the accessory to any other key between 1 & 10 on channel A/B on the remote. This assignment would be overwrite and the earlier assignment of the key.

Nomenclature and Marking

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

Front and side view showing the over all dimensions in mm

