Characteristics
The Panel consists of Touch dimmer designed with phase control technology using high power triacs along with two switches having integral relay.

Functions
- The panel consists of:
  - One touch dimmer.
  - Two electronic touch switch.
  - Master switch
- The intensity of the light can be increased/decreased by gentle push on appropriate UP/DOWN key. The load connected to switch can be controlled by a gentle push on the key of the switch.
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- The unit can also be operated using a remote control (product No. AA R001).

Technical Specification
- Rated voltage: 110 - 240V~ 50Hz.
- Rated load each Dimmer: 450W. Switch : 6A (resistive).
- Switch/Dimmer tested for 20,000 switching cycles at rated voltage and load.
- Low internal power loss resulting in minimum temperature rise.
- Dimmer triac based, phase control and switch relay based.
- Suitable for mounting on igniteable surface. ☑
- Impact protection : IK 02.
- Class II Appliance. ☑

Salient Features
- Provided with high power triac for phase control giving variable voltage.
- Operates by a gentle push in 9 steps (gradual switching).
- LED indication to display status of the device.
  1) Blue - OFF  2) Red - ON
- The intensity of the light can be increased/decreased by pressing appropriate UP/DOWN key step by step.
- For switching OFF the dimmer manually press the key step by step till OFF step is reached, when the red LED light will be replaced by blue LED light.
- The panel is provided with a master key for turning all loads ON/OFF.
- The dimmer can be operated using a remote control (product no. AA R001) by pressing the assigned key and then the (+)/(-) key. The switches/dimmers can also be switched ON/OFF by the assigned key on remote control.
- Employs smart micro processor to save the pre-set functional parameters in case of power failure and Master OFF action.

Assignment of remote controlled touch panel switches on the Remote: (Product Code AA R 001)
- Assignment of individual accessory.
  - Press the Down key (▼) of the dimmer required to be assigned for 5 sec. The continuous beep sound indicates that the particular dimmer is ready for further command.
  - Press any numerical key on the remote as per your preference. The beep sound will stop 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/fan with a default time of 5 sec.
- Assignment of accessories in a group.
  - Repeat the above step A(1) & A(ii) to assign other accessories o 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(1) & 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.

Wiring diagram

Front and side view showing the over all dimensions in mm