TOUCH INFRARED 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
- Rated voltage:
  - Only AA 1 252 : 240V~ 50Hz.
  - All others : 110 - 240V~ 50Hz.
- Rated load per Dimmer: 450W.
- Tested for 20,000 switching cycles at rated voltage and load.
- Low internal power loss resulting in minimum temperature rise.
- Suitable for screwless mounting on the plate.
- Suitable for mounting on ignitable surface. *
- Working principle: Triac base, Phase control.
- 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 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 dimmer can be switched OFF at any step by master or assigned key on remote.
- The unit can also be operated using a remote control (product no. AA R001) by pressing the assigned key and then the (+)/(-) key.
- For switching OFF the device, assigned key on the Remote need to be pressed again.
- Employs smart micro processor to save the pre-set functional parameters in case of power failure and Master OFF function by Remote.

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

Different Varieties

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>AA 1 252</td>
<td>Touch - Infrared 1 Dimmer 1 module</td>
</tr>
<tr>
<td>AA 2 254</td>
<td>Touch - Infrared 1 Dimmer 2 module with Master</td>
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<tr>
<td>AA 3 259</td>
<td>Touch - Infrared 2 Dimmer 3 module with Master</td>
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</tbody>
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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.
  - 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[2] and assign the accessory to any other key between 1 & 10 on channel A/B on the remote. This assignment would be overwrite the and earlier assignment of the key.