**Functions**
Speed controller/regulator for the ceiling fans of various sizes

**Conformity to Standards**
IS: 11037

**Technical Specifications**
- Rated voltage 240V AC.
- Rated Wattage 100W.
- 4/5 step hum free speed regulation of fan.
- Tested for 10,000 switching cycles (0- full voltage - 0) at rated voltage and rated load.
- Low internal power loss giving rise to minimum temperature rise.
- Suitable for screwless mounting on the plates.
- Working principle - Capacitive reactance control.
- Size: 1 and 2 module.

**Special Features**
- Provided with:
  - (a) In-built “ON” “OFF” switch
  - (b) Printed speed stage indicator (AA 1 039 & AA 2 041) or color indicator window to show speed stage (AA 2 040).
- Ensures soft start of ceiling fans; avoiding initial surge of current, minimizing the consequent detrimental effect on electrical network and mechanical stresses on the ceiling fan and its mounting fixtures.
- Employs variable capacitance for changing the voltage across the fan and, as such it is energy efficient with very low power loss and resultant lower temperature rise in the unit.
- Hum free speed regulation of fan.

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

### Different varieties:

<table>
<thead>
<tr>
<th>Module</th>
<th>Model</th>
<th>Type</th>
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<tbody>
<tr>
<td>1</td>
<td>AA 1 039</td>
<td>4 Step-Fan Regulator</td>
</tr>
<tr>
<td>2</td>
<td>AA 2 040</td>
<td>5 Step-Fan Regulator</td>
</tr>
<tr>
<td></td>
<td>AA 2 041</td>
<td>5 Step-Fan Regulator</td>
</tr>
</tbody>
</table>

**Example for Use**

**Wiring diagram**

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

![Wiring Diagram](image1.png)

![Front and Side View](image2.png)