



Hemera AC Dimming Module

No
Flickering

Enhance
Ambiance

CE Safety
Standard

Feature

- Precise Lighting
Provides an accurate and fine adjustment of lighting level even at low dimming levels
- Smooth Dimming
The dimming performance is nearly linear
- Quiet Operation
Prevents audible noise from happening
- Energy-Saving
Saves energy and extends the life of bulb
- Easy Installation
The two – wire circuit is the same as traditional types.
Hemera Ac Dimming Module increase the availability of users' installation

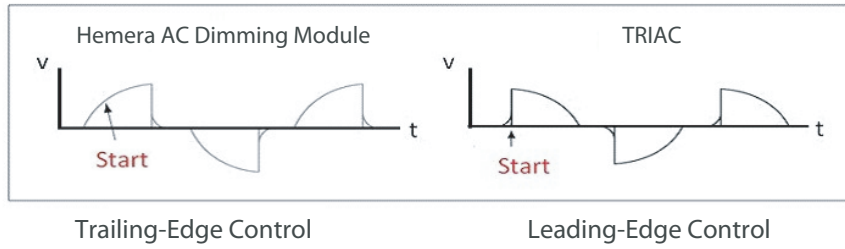
Benefit

- Enhance ambiance
- Create a mood in every room
- Effectively address performance issues such as flickering
- Allow users to personalise lighting options in their homes
- Experience the convenience of lighting control

Application

- Bedroom : Night Light & Reading Light
- Corridor : Guiding Light
- Kitchen / Dining room : Working light & Atmospheric Light
- Living room : Multipurpose Light

Dimming Method



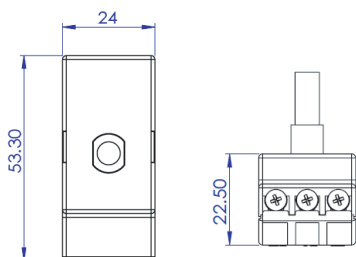
- TRIAC : The current flows from the maximum to the bulb
- Forward's Hemera AC Dimming Module : The current always starts from the zero point. Therefore, the dimming effect is stable with low inrush current. For dimmer itself, it has high reliability; for external, it also prevents audible noise from happening.

Specification

Model	FDN-DA0101
Efficient Dimming Range	0 ~90 %
Input Voltage	AC 220V ~AC 240V
Frequency	50 HZ
Dimmer Rating	Max. 120W
Bulb Compatibility	Incandescent / Dimmable LED Light
Rotated Angle	0°~300°
Rotary Type	click / no click
Switch Type	Push
Dimmer Support	one-way & two-way
Operating Temperature	-20°C~+40°C
Mounting Box Depth	25 mm
Safety Standard	CE
Typical Net. Weight	26 g
Dimension (mm)	L : 53.3mm , D : 24 mm , W : 22.5mm

Remark :
 ** All data is tested at 25°C 230Vac
 ** The ends of the individual conductors should have the insulation removed by approx.12mm.

Dimension

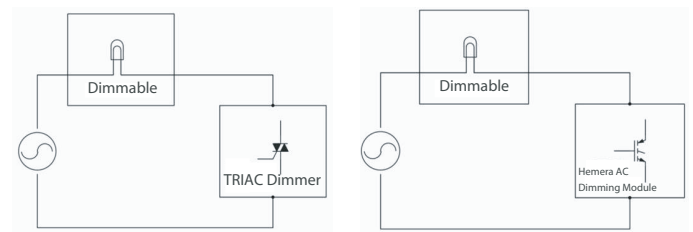


Hemera

AC Dimming Module

Circuit Schematic Diagram

- The TRIAC circuit and wiring are similar to Hemera, users can simply replace conventional TRIAC dimmer with Hemera AC Dimming Module by themselves



Dimming Curve Comparison

