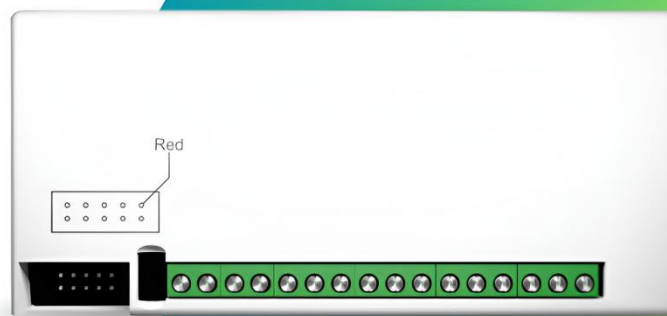


## SMART DEVICE

SD.8FDNH



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### Quick Links

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## **Product Description**

### **Product Overview :-**

**Model Number:** SD.8FDNH

**Description:** A smart automation solution for controlling dimmable lights, fans, normal loads, and heavy-load appliances like AC, geysers, refrigerators, etc. remotely.

#### **Application:**

- Geo-location-based control for enhanced convenience.
- Supports mood-based scene control within the application.

### **Product Features :-**

- Humming-free fan with 5 steps control.
- Supports 2-way fan control.
- Supports 3-way touch control.
- Smooth 0% - 100% brightness control.
- Supports TRIAC-based phase-cut dimming technology (leading-edge).
- Execute preset schedules without requiring an internet connection.
- Anti-shock switching ensure secure and reliable operation.
- Compatible with both traditional and capacitive switches.
- OTA updates available upon request.
- Customizable timer for automated load control.

### **Product Benefits :-**

- Quick and hassle-free installation.
- Remotely monitor and control loads using a smartphone or web application.

## **Technical Details**

### **Technical Specification:-**

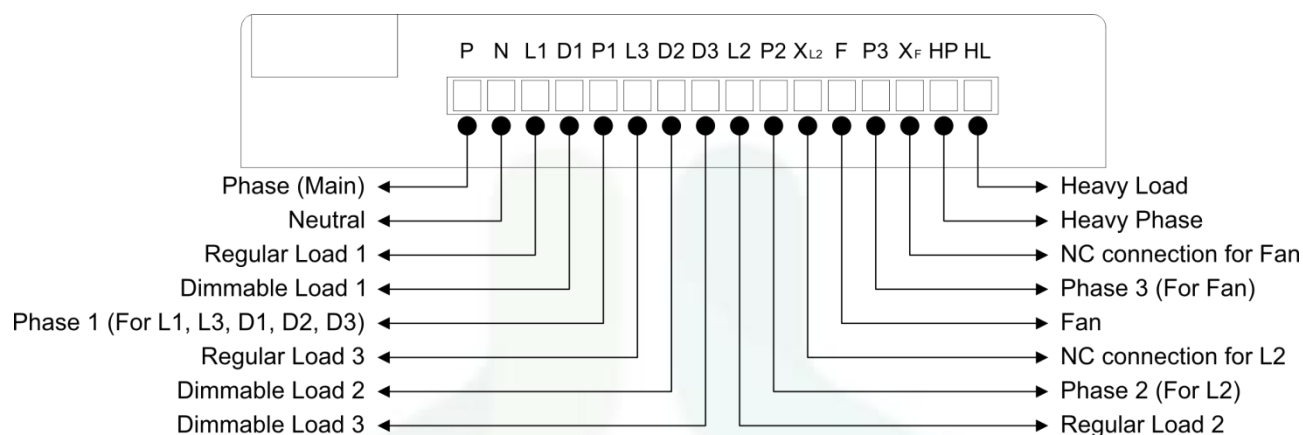
Combination	1 - Humming-Free Fan 3 - Dimmable Load 3 - Normal Load 1 - Heavy Load
Operating Input Voltage	100VAC - 240VAC
Supported Frequency	50-60 Hz
Max. Load (fan point)	1 (Max. 100 watt)
Max. load (per dimmer)	up to 3 LEDs (Max. 100 watt)
Max. load (per normal load point)	up to 3 LEDs (Max. 1500 watt)
Max. load (per heavy load point)	Up to 4 LEDs (Max. 2500 watt)
Module size (Product size)	6M
Color	White
Material	ABS
Dimensions	130mm x 60mm x 25mm
Weight	200 g
Operating Temperature	0°C - 65°C non condense
Water resistance	No
Shock Proof	No
Warranty	5 years

### **Network and Connectivity Specification:-**

Communication Protocol	WIFI 2.4 GHz 802.11 b/g/n
Minimum WIFI Signal strength	50%
Minimum Internet speed	512kbps
Data Consumption	< 3MB/month
Integration Support	Compatible with Alexa, Google Home
Mode of operation	Physical, Voice, Mobile App

## Installation

### Wiring Diagram:-



### Safety Information:-

- DO NOT install with power applied to the device.
- DO NOT expose the device to moisture.
- Verify input voltage compatibility with the device.
- Secure and label wiring for easy maintenance.