Smart Node
Simplify Your Smart Living

SMART DEVICES

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Product Description

Product Overview :-

Description: A smart automation solution to control dimmable lights, fans, standard loads, and heavy appliances like ACs, geysers, and refrigerators. Smart Devices is Wi-Fi device that can be controlled via a mobile application, touch remote, or manually through touch panel. Ideal for modern homes and commercial spaces.

Application: Ideal for seamless lighting automation in homes, offices, hotels, and commercial spaces.

Load Configuration:-

F - Fan, D - Dimmer, N - Normal Loads, H - Heavy Loads, X - Not connected

Products	**Humming-Free Fan** (Max. 100 watt)	**Dimmable Load** (Max. 100 watt) & **Heavy Dimmer** (Max. 500 watt)	**Normal Load** (Max. 1500 watt)	**Heavy Load** (Max. 2500 watt)
10FXNH	2 (Max. Per load - 1 Fan)	0	7 (Max. Per load - 3 LEDs)	1 (Max. Per load - 4 LEDs)
8FDNH	1 (Max. Per load - 1 Fan)	3 (Max. Per load - 4 LEDs)	3 (Max. Per load - 3 LEDs)	1 (Max. Per load - 4 LEDs)
8XXNH	0	0	7 (Max. Per load - 3 LEDs)	1 (Max. Per load - 4 LEDs)
8FXNH	1 (Max. Per load - 1 Fan)	0	6 (Max. Per load - 3 LEDs)	1 (Max. Per load - 4 LEDs)
6FDNX	2 (Max. Per load - 1 Fan)	1 (Max. Per load - 4 LEDs)	3 (Max. Per load - 3 LEDs)	0
4XXNX	0	0	4 (Max. Per load - 3 LEDs)	0
4XHDXX	0	4 (Max. Per load - 6 LEDs)	0	0
4XDXX	0	4 (Max. Per load - 4 LEDs)	0	0
4FDNH	1 (Max. Per load - 1 Fan)	1 (Max. Per load - 4 LEDs)	1 (Max. Per load - 3 LEDs)	1 (Max. Per load - 4 LEDs)
2XXXH	0	0	0	2 (Max. Per load - 4 LEDs)
2XXNX	0	0	2 (Max. Per load - 3 LEDs)	0
2XHDXX	0	2 (Max. Per load - 6 LEDs)	0	0
2XDXX	0	2 (Max. Per load - 4 LEDs)	0	0

Product Features:-

- Execute preset schedules without requiring an internet connection.
- Compatible with both traditional and capacitive switches.
- Supports 3-way touch control.
- OTA updates available upon request.
- Customizable timer for automated load control.
- Maximum 25 schedules can be created.
- Smooth 0% - 100% brightness control.
- Supports TRIAC-based phase-cut dimming technology.
- Supports 2 fan controls (only in SD.6FDNX & SD.10FXNH devices).
- Humming-free fan with 5 steps control.
- Backlight control support for improved visibility and aesthetics.
- Master button is configurable on the touch panel via the touch remote.
- Mode of operation:- Physical, Voice, Mobile application.
- Anti-shock switching ensure secure and reliable operation.

Product Benefits :-

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

Technical Details

Technical Specification:-

Products	Avg. Current Consumption	Avg. Power Consumption	Operating Input Voltage	Supported Frequency	Color	Material	Operating Temperature	Water Resistance	Shock Proof	Warranty
10FXNH	25mA	5W	100VAC - 240VAC	50-60Hz	White	ABS	0°C - 65°C non condense	No	No	5 Years
8FDNH										
8XXNH										
8FXNH										
6FDNX	18mA	3W								
4FDNH										
4XXNX	17mA									
4XHDXX	20mA									
4XDXX										
2XXXH	14mA									
2XXNX										
2XHDXX										
2XDXX										

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

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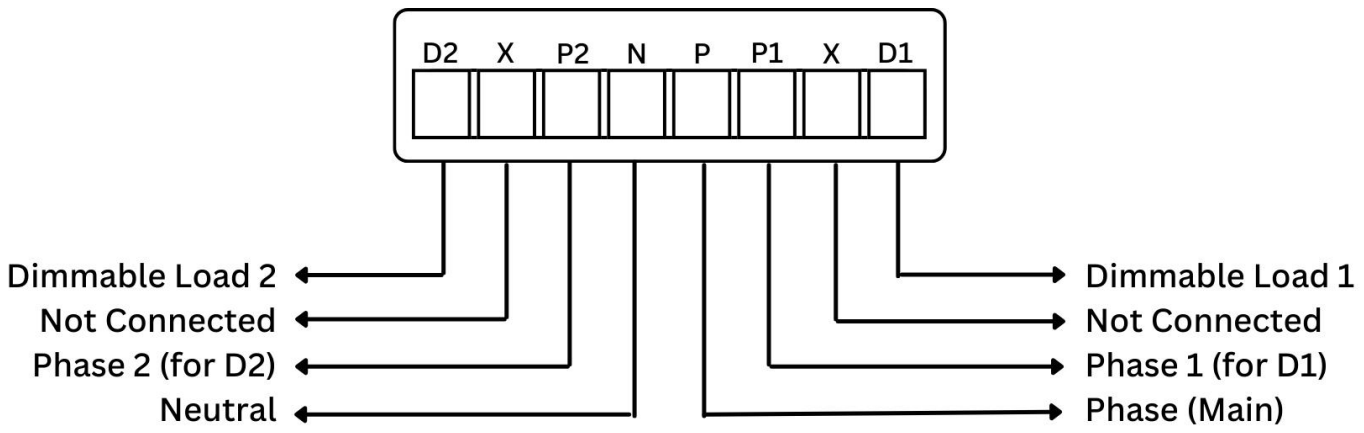
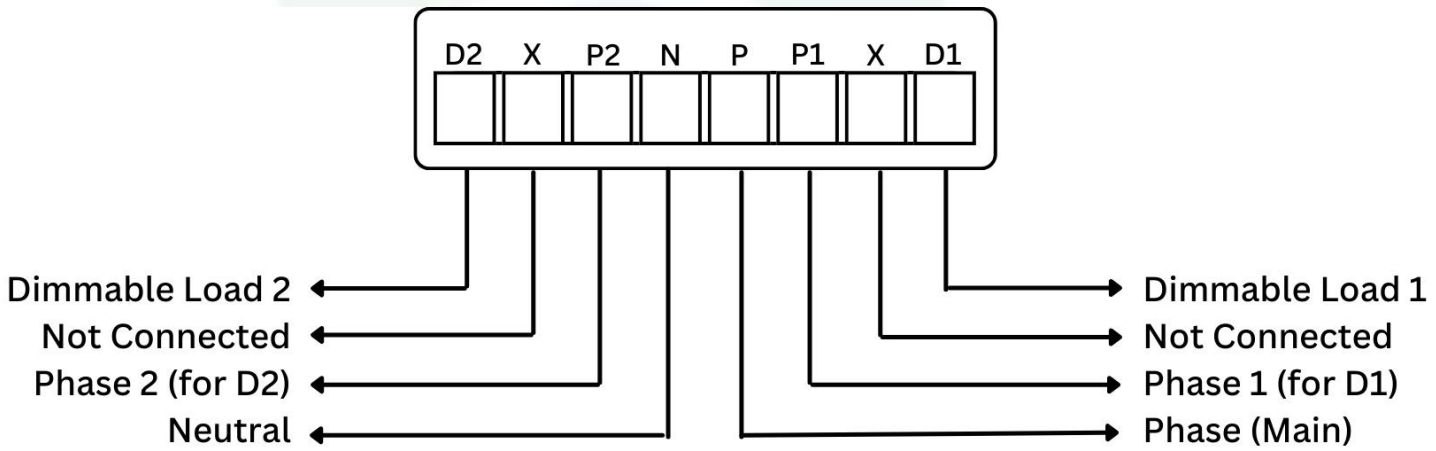
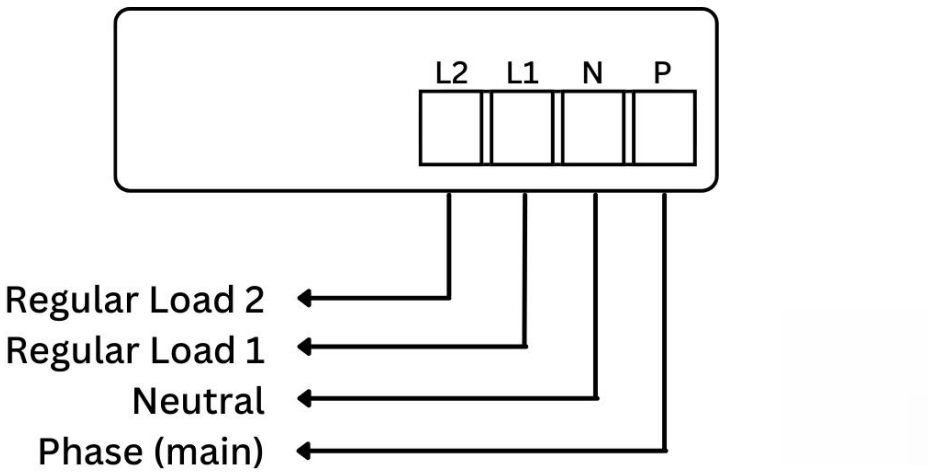
Dimensions

Products	Module Size	Dimensions (l x b x h)	Weight
2XDXX	2M	70mm x 52mm x 25mm	92 g
2XHDXX	4M	95mm x 50mm x 30mm	113 g
2XXNX	2M	55mm x 24mm x 49mm	97 g
2XXXH	2M	70mm x 52mm x 25mm	97 g
4FDNH	4M	110mm x 50mm x 25mm	150 g
4XDXX	2M	70mm x 52mm x 25mm	100 g
4XHDXX	6M	129mm x 71mm x 58mm	113 g
4XXNX	2M	70mm x 52mm x 25mm	102.4 g
6FDNX	6M	130mm x 58mm x 25mm	198.7 g
8FXNH	6M	130mm x 60mm x 25mm	205 g
8XXNH	6M	130mm x 60mm x 25mm	180 g
8FDNH	6M	130mm x 60mm x 25mm	200 g
10FXNH	8M	142mm x 58mm x 25mm	200 g

Installation

Wiring Diagram

SD.2XDXX	
SD.2XHDXX	
SD.2XXNX	

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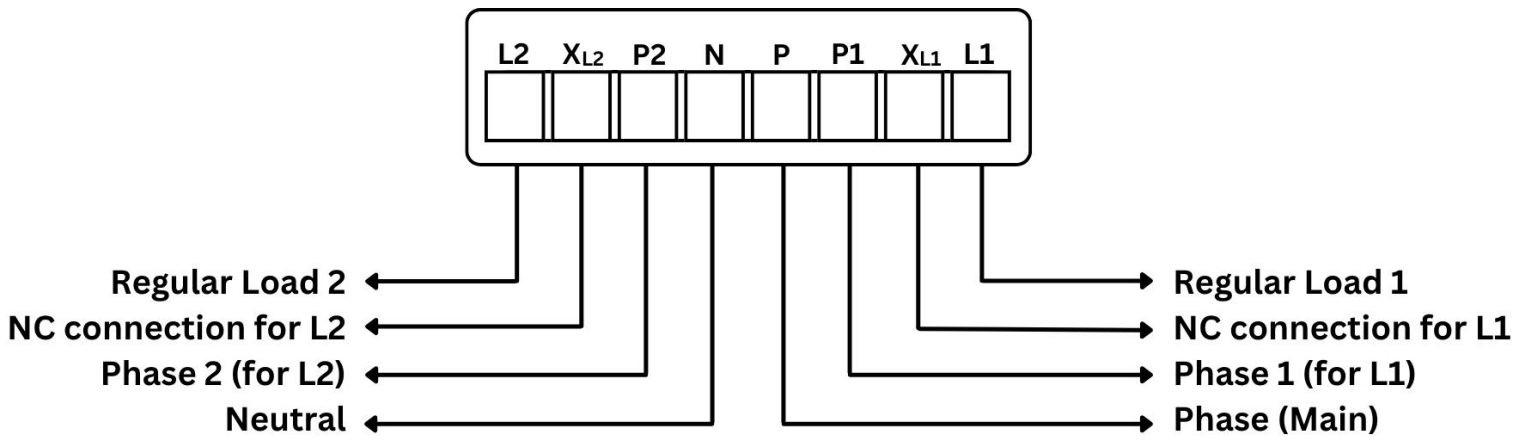
SD.2XXXH



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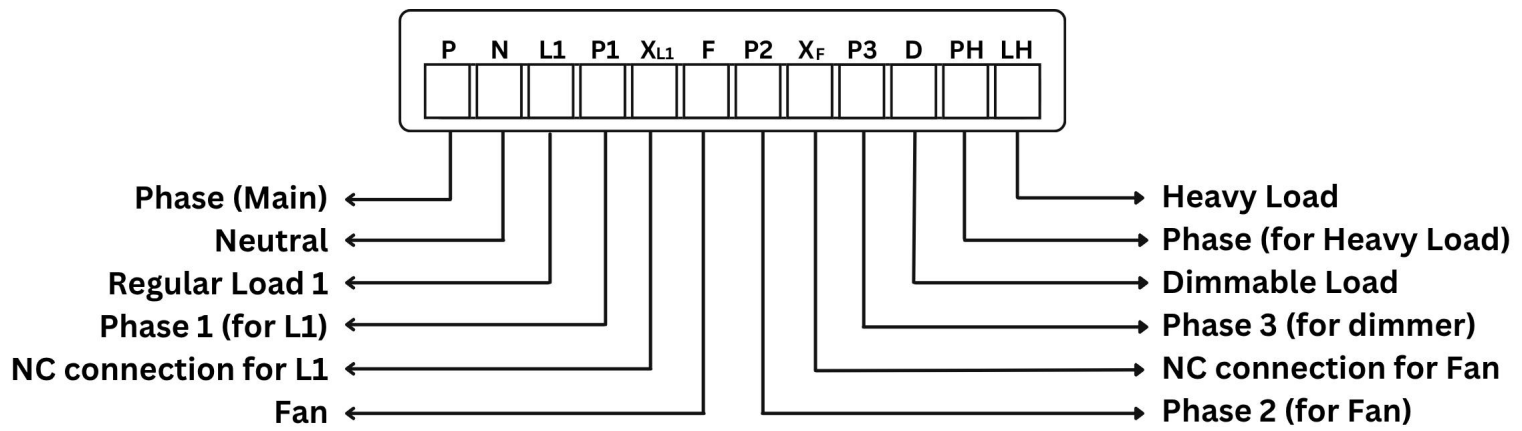
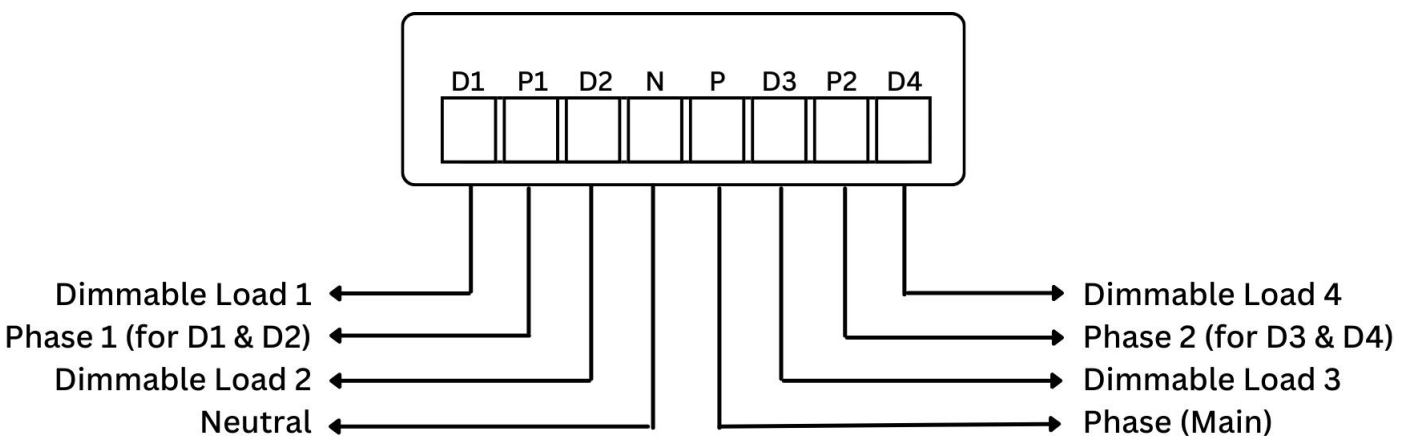
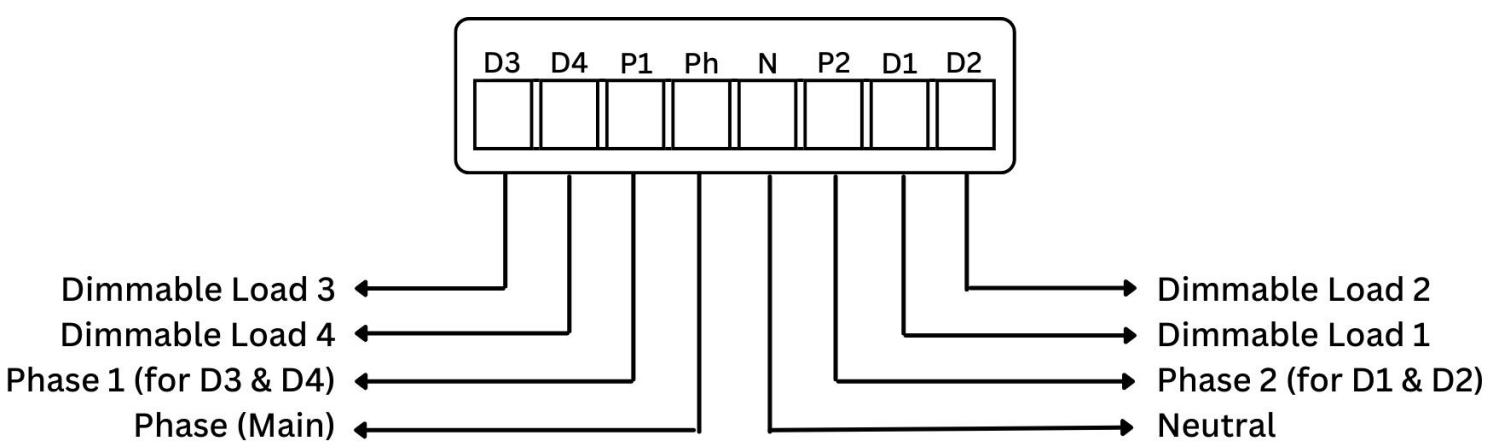


SD.4XDXX



SD.4XHDXX



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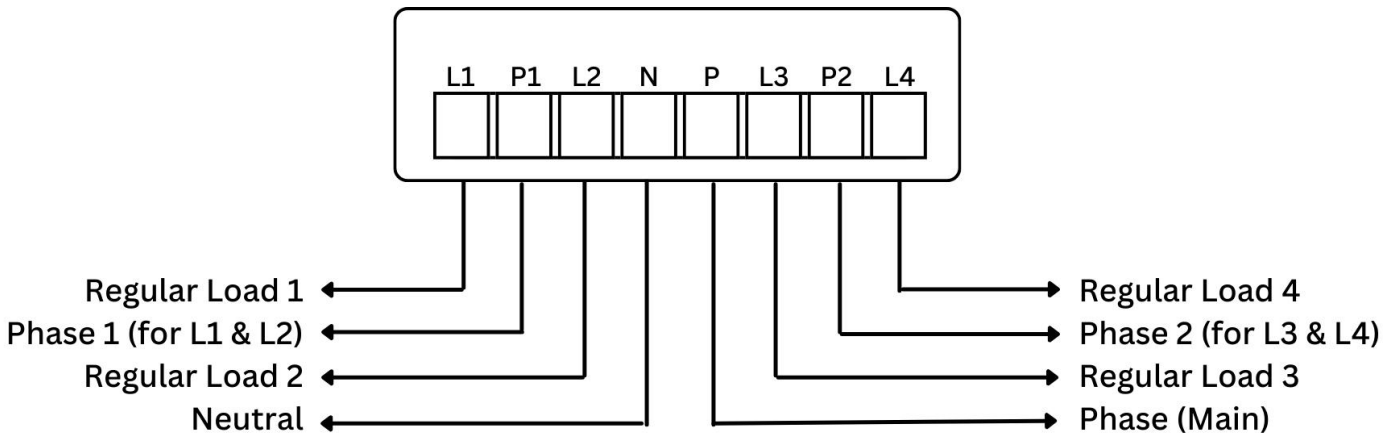
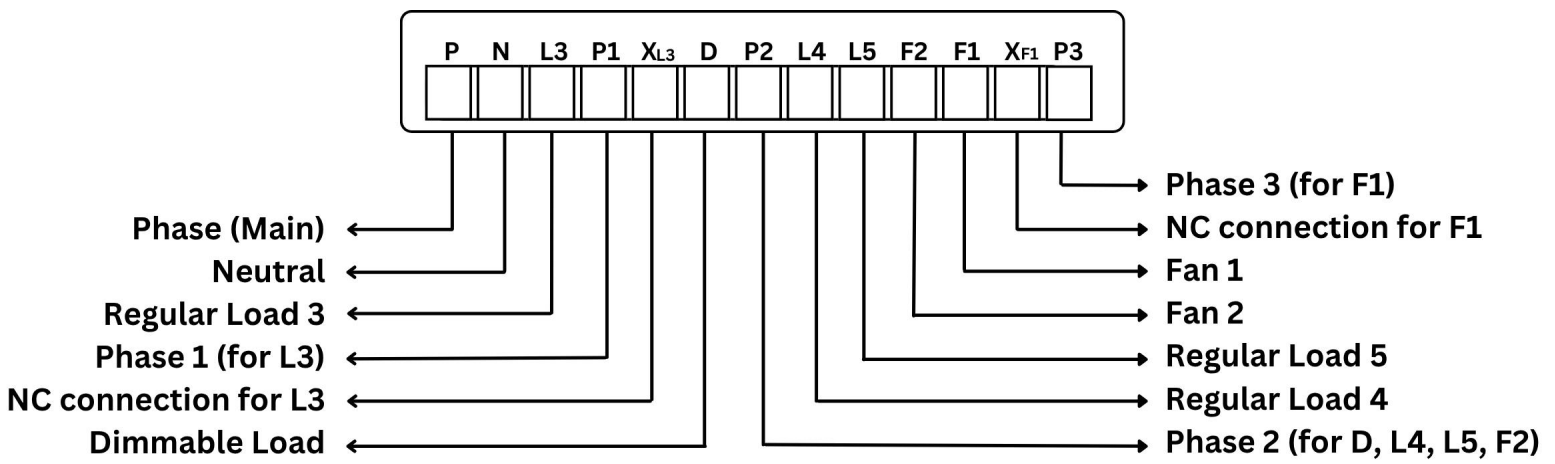
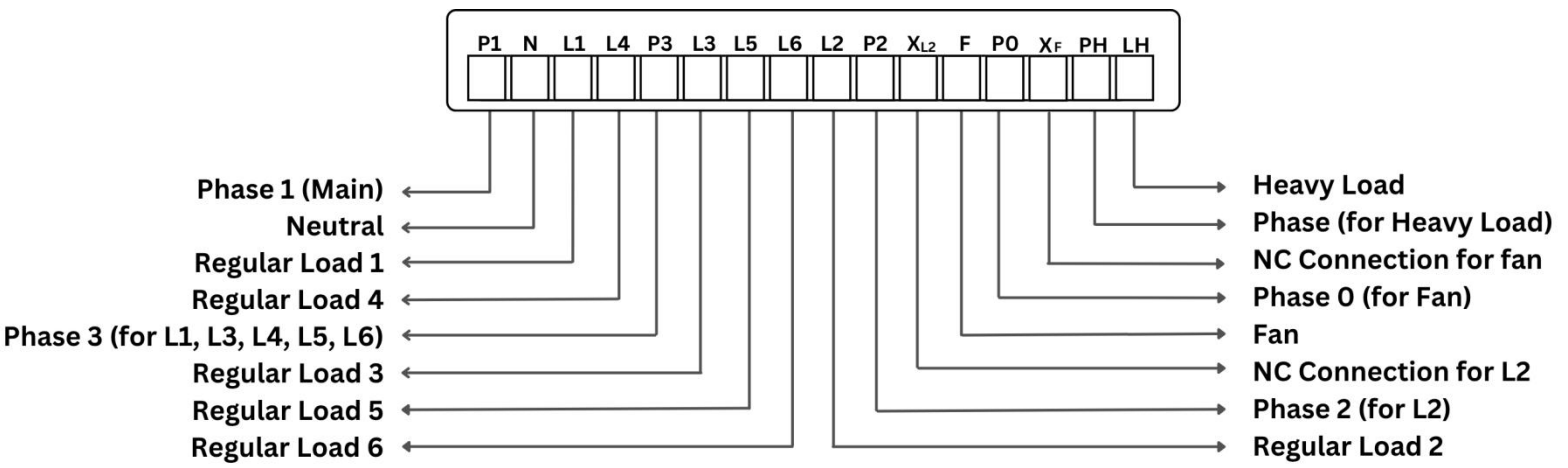
SD.4XXNX



SD.6FDNX



SD.8FXNH



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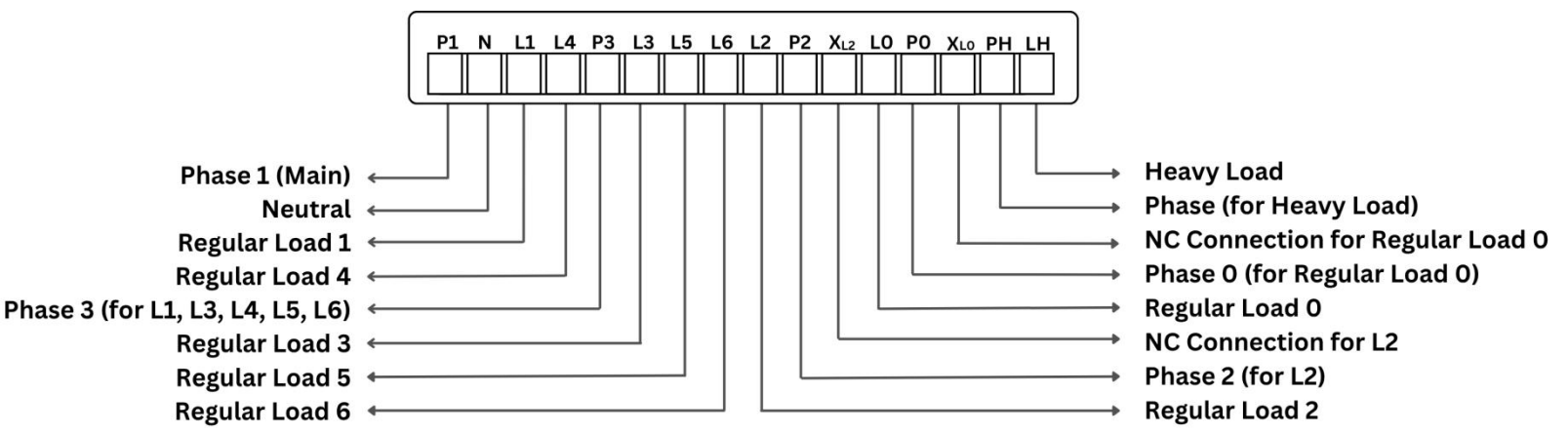

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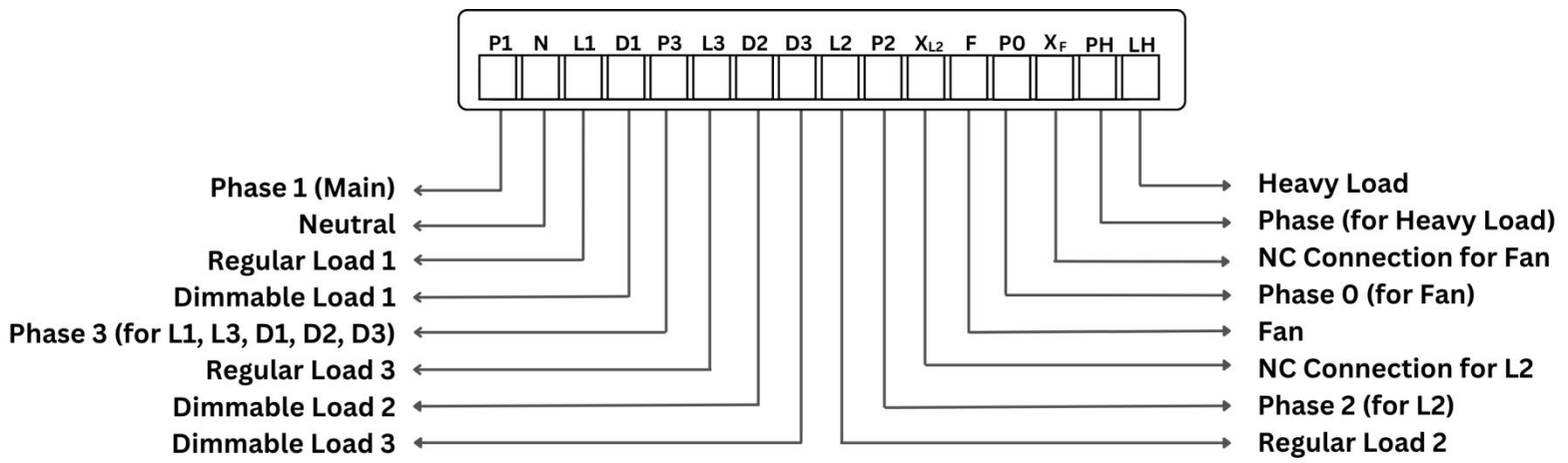
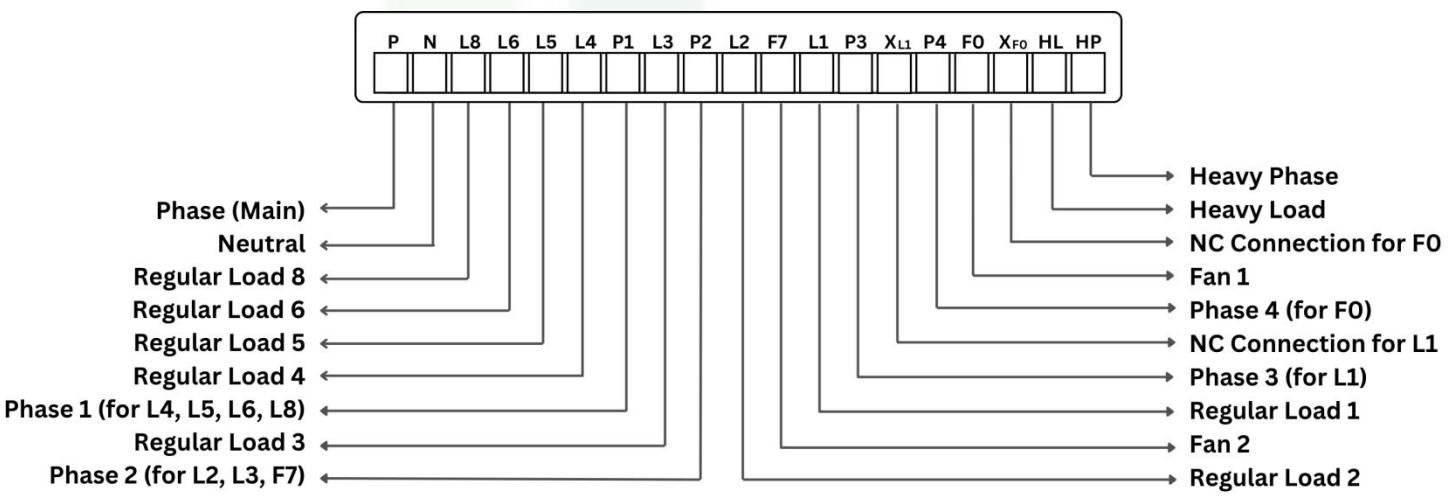


SD.10FXNH



Safety & Warnings:-

- Installation by licensed electrician only.
- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.
- No user-serviceable parts; servicing voids warranty.