Smart Node
Simplify Your Smart Living

DOOR LOCK
SD.1D.1

--- **Quick Links** ---

Product Overview

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Product Description

Product Overview :-

Model Number: SD.1D.1

Description: The Door Lock Controller enables secure access control for EM and digital locks, offering seamless integration, remote management, and enhanced security.

Application:

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

Product Features :-

- Execute preset schedules without needing an internet connection.
- Compatible with both traditional and capacitive switch.
- OTA updates available upon request.
- Customizable timer for automatic locking.

Product Benefits :-

- Quick and hassle-free installation.
- Remotely monitor and control door lock via a smartphone or web application.
- Enhanced security.
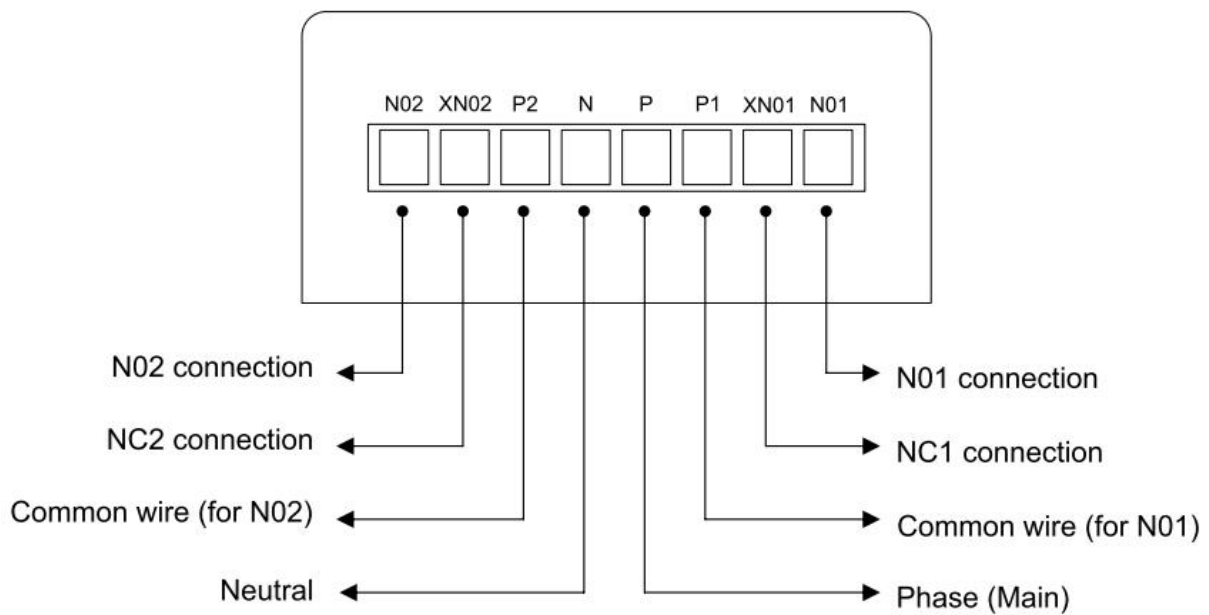
Technical Details

Technical Specification:-

Operating Input Voltage	100VAC - 240VAC
Supported Frequency	50-60 Hz
Module size (Product size)	2M
Color	White
Material	ABS
Dimensions	70mm x 52mm x 25mm
Weight	85g
Operating Temperature	0°C - 65°C non condense
Water resistance	No
Shock Proof	No
Warranty	5 years

Network and Connectivity Specification:-

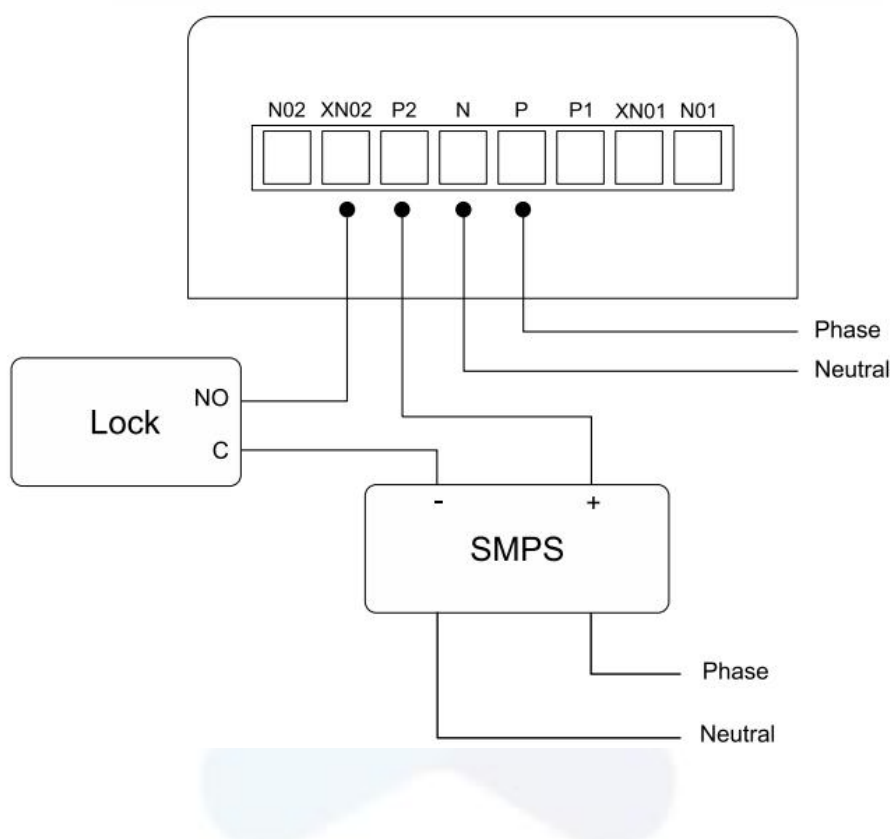|	
Communication Protocol	WIFI 2.4 GHz 802.11 b/g/n
Minimum WIFI Signal strength	50%
Minimum Internet speed	512kbps
Data Consumption	< 3MB/month
Integration Support	Compatible with Alexa, Google Home
Mode of operation	Physical, Voice, Mobile App

Installation

Door Lock Module Wiring Diagram:-


```
        N02  XN02  P2    N     P    P1   XN01  N01
```

N02 connection ← N02
NC2 connection ← XN02
Common wire (for N02) ← P2
Neutral ← N

N01 connection ← N01
NC1 connection ← XN01
Common wire (for N01) ← P1
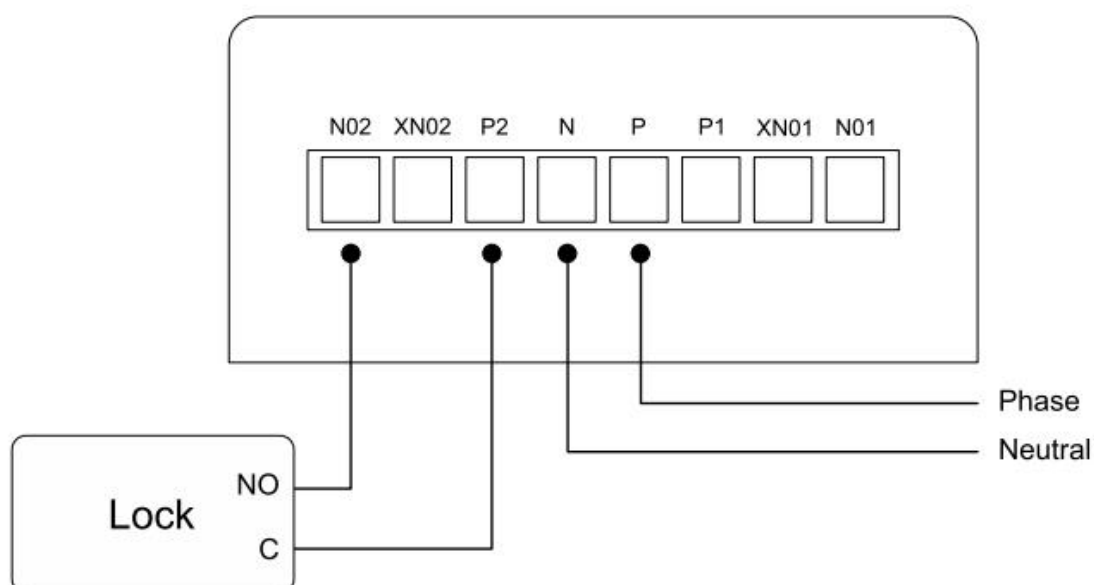Phase (Main) ← P

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.
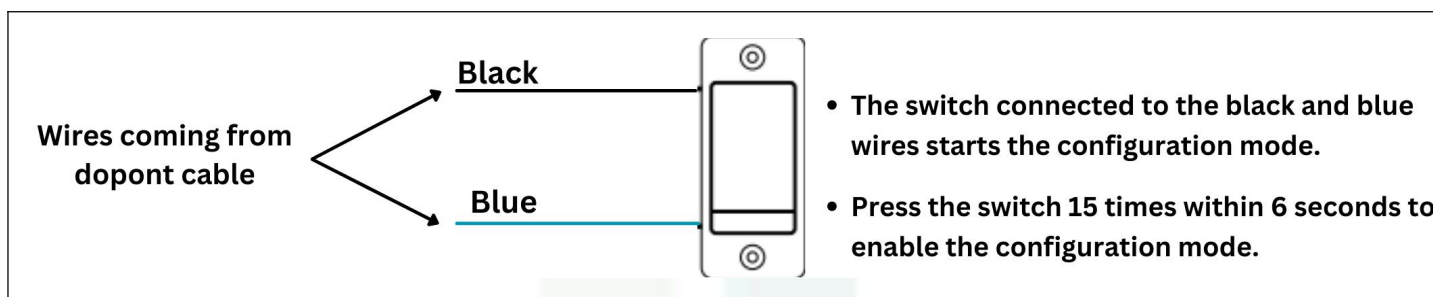- Secure and label wiring for easy maintenance.

Connection Diagram with EM Lock:-

Connection Diagram with Digital Lock:-

To Enable Configuration Mode:-

Black

Blue

Wires coming from dopont cable

- The switch connected to the black and blue wires starts the configuration mode.

- Press the switch 15 times within 6 seconds to enable the configuration mode.

Wire Color	Node
Black	Common
Blue	NO1
White	NO2
Red	VCC