GATE CONTROLLER

SD.1G.1

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Product Overview

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Product Description

Product Overview :-

Model Number: SD.1G.1

Description: Gate controller is connected in parallel to the existing wired controller of the gate which typically has three buttons for open, close and stop functions. User can benefit from a single application, allowing them to operate gate from anywhere, anytime.

Application: The Gate Controller provides secure and remote gate access, enabling control via a mobile app or web dashboard, with real-time monitoring and automation.

Note: This Gate Controller is not compatible with 2-wire gate motors (NO and C). For a suitable solutions for such motors, please contact our sales department.

Product Features :-

- Execute preset schedules without requiring an internet connection.
- Suitable for Gates and Roller Shutters.
- OTA updates available upon request.
- Compatible with 4-Wire Gate Motors (O, C, S, C) in gate controllers.
- Customizable timer for automatic locking.

Product Benefits :-

- Quick and hassle-free installation.
- Operate the gate remotely using a smartphone.
- Enhanced security.
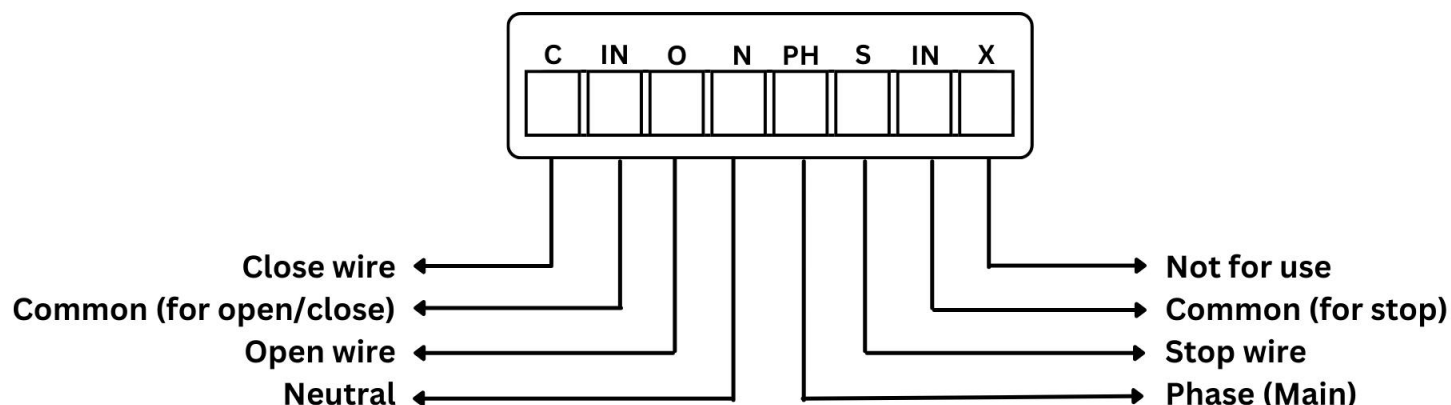
Technical Details

Technical Specification:-

Operating Input Voltage	100VAC - 240VAC
Supported Frequency	50-60 Hz
Power Consumption	≈10mA
Maximum load	1 (1000 watt)
Compatibility	Dry contact or 230V motorized gate
Module size (Product size)	2M
Color	White
Material	ABS
Dimensions	70mm x 52mm x 25mm
Weight	94.6 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	Mobile App, Voice, Physical

Installation

Wiring Diagram:-

C	IN	O	N	PH	S	IN	X

Close wire ← C

Common (for open/close) ← IN

Open wire ← O

Neutral ← N

Not for use → X

Common (for stop) → IN

Stop wire → S

Phase (Main) → PH

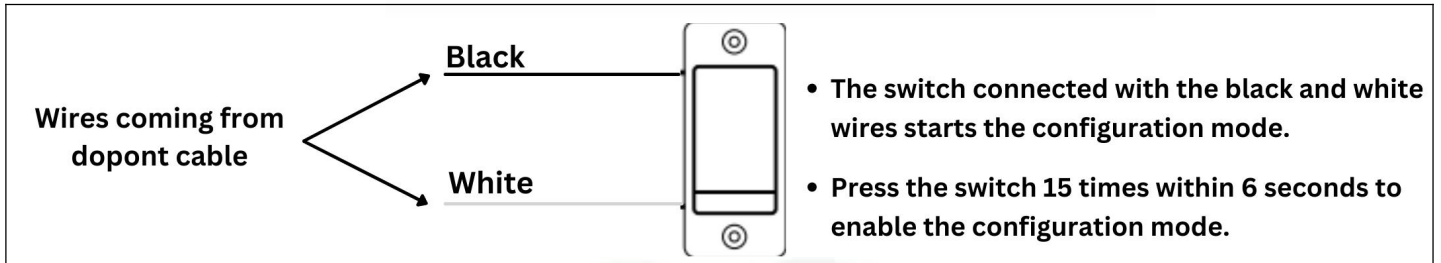
Safety Information:-

- 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.

To Enable Configuration Mode:-

Wires coming from dopont cable

Black

White

- **The switch connected with the black and white wires starts the configuration mode.**

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

Wire Color	SD.1G.1
White	Close
Blue	Open
Red	VCC
Black	GND
Green	Stop
Brown	Not Connected