

4 Channel (Push Switch/Dry Contact) to DALI

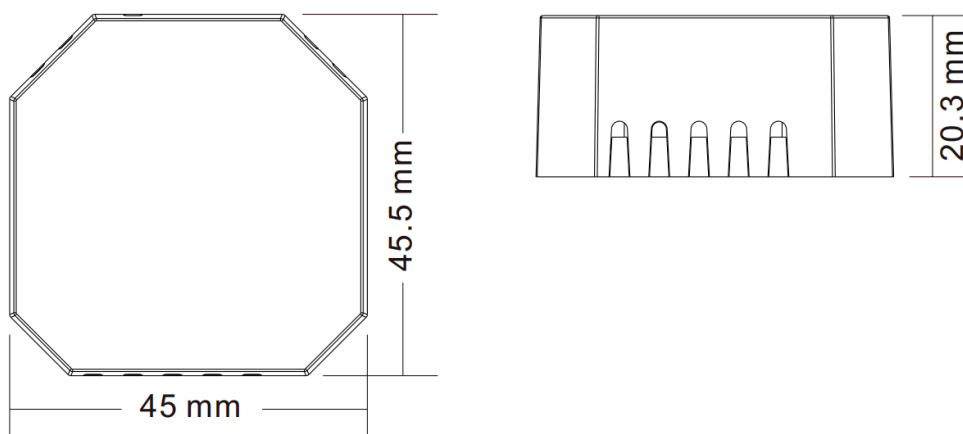


Features:

- 2 Channel push switch input or dry contact motion sense output
- 100~240VAC Power Supply (active mode) or DALI bus powered (passive mode)
- Built-in 50mA DALI bus power supply to control up to 25 DALI DT6/DT8 control gears
- Up to 100 DALI control gears can be controlled while 4 control units connected to AC mains
- DALI current consumption is less than 4mA
- Controlled DALI device types : DT6, DT8, Tc, XY coordinates, RGBWAF
- IP20: Ingress protection rating
- 2 year warranty

Model		SR-2400PD
Specifications	Input Signal	2 Channels push switch / dry contact motion sensor
	Power Supply	100-240VAC (active) / DALI bus (passive)
	Output	DALI Signal
	Output Current	50mA
	DALI Current Consumption	<4mA
	Controlled DALI Device Type	DT6, DT8 Tc, DT8 XY, DT8 RGBWAF NFC Configurable
	Operation Mode	Push Dim or Corridor Dim NFC configurable
	Push Switch Functions	NFC Configurable
	Motion Sensor Parameters	NFC Configurable
Environment	Operating Temperature	-20°C - +50°C
	Relative Humidity	8%-80%
Other	Weight	0.00kg
	Dimensions	45.5*45*20.3 mm
Notes		<ul style="list-style-type: none"> • NFC programmable 2-key push to DALI control unit • 2 channels push switch input or dry contact motion sensor input • PD (Push Dim) mode with push switch input or CD (Corridor Dim) mode with dry contact motion sensor input • PD mode or CD mode can be set through NFC • Can work as standalone DALI sensors when connecting with dry contact motion sensors and set as CD mode • 100-240VAC power supply (active mode) or DALI bus powered (passive mode) • Built-in 50mA DALI bus power supply to control up to 25 DALI DT6/DT8 control gears • Up to 100 DALI control gears can be controlled while 4 control units connected to AC mains • DALI current consumption less than 4mA • Controlled DALI device type can be freely configured through NFC App • Supported device types: DT6, Tc, XY coordinates, RGBWAF • Controlled object of each push switch can be freely configured through NFC App • Supports broadcast, single address, and group control • Each push switch supports three different operations: short press, long press, double click • DALI command triggered by the a push switch operation can be freely configured through NFC App • Each DALI line can install multiple control units for multi control points • Waterproof grade: IP20
Safety & Warnings		<ul style="list-style-type: none"> • DO NOT install with power applied to the device. • DO NOT expose the device to moisture.

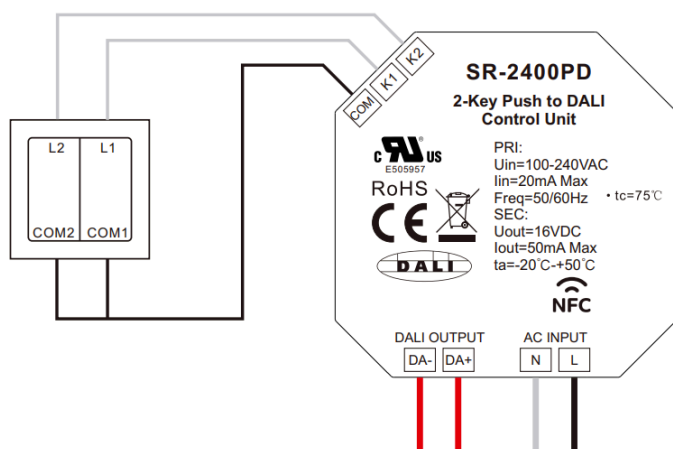
Mechanical Specification



Wiring Diagram

PD Mode Push Switch Wiring (works with 2-gang switch and 1-gang switch)

Connection with 2-gang switch:



Connection with 1-gang switch:

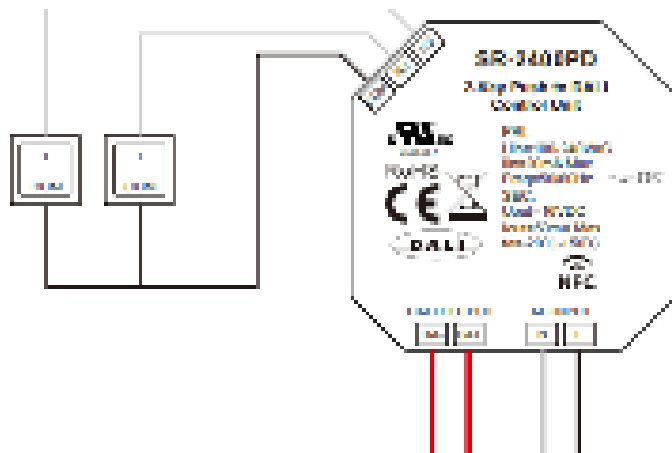


FIGURE 1: Wiring scheme to control up to 25 DALI ECGs (only 1 control unit powered by AC mains, the other powered by DALI bus)

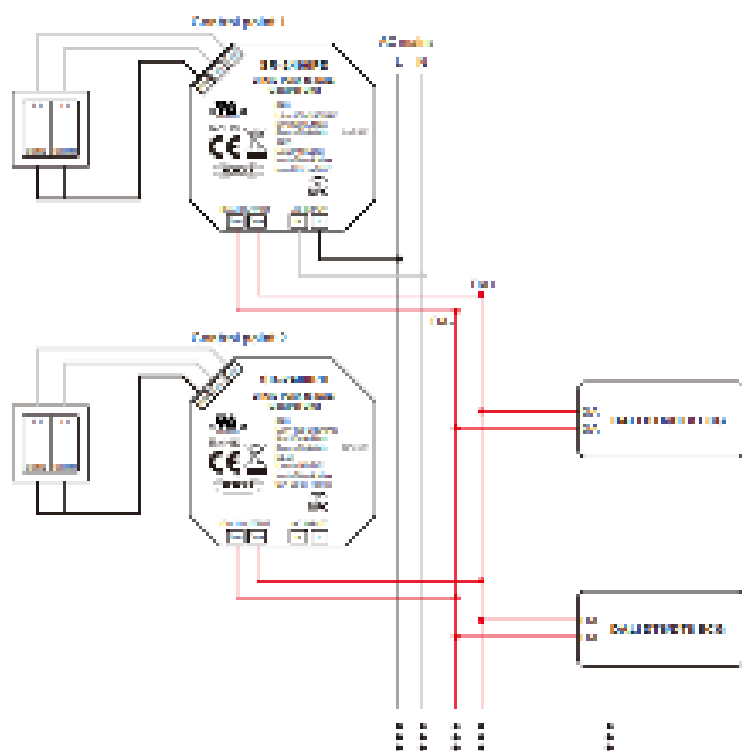
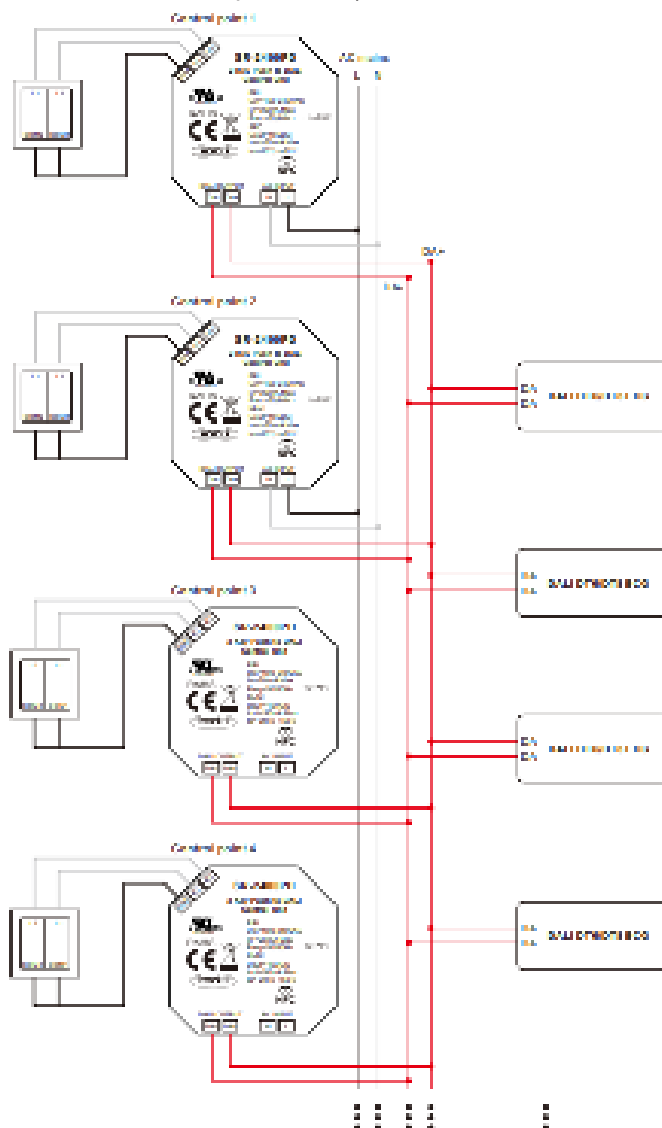


FIGURE 2: Wiring scheme to control up to 100 DALI ECGs (all 4 control units powered by AC mains)



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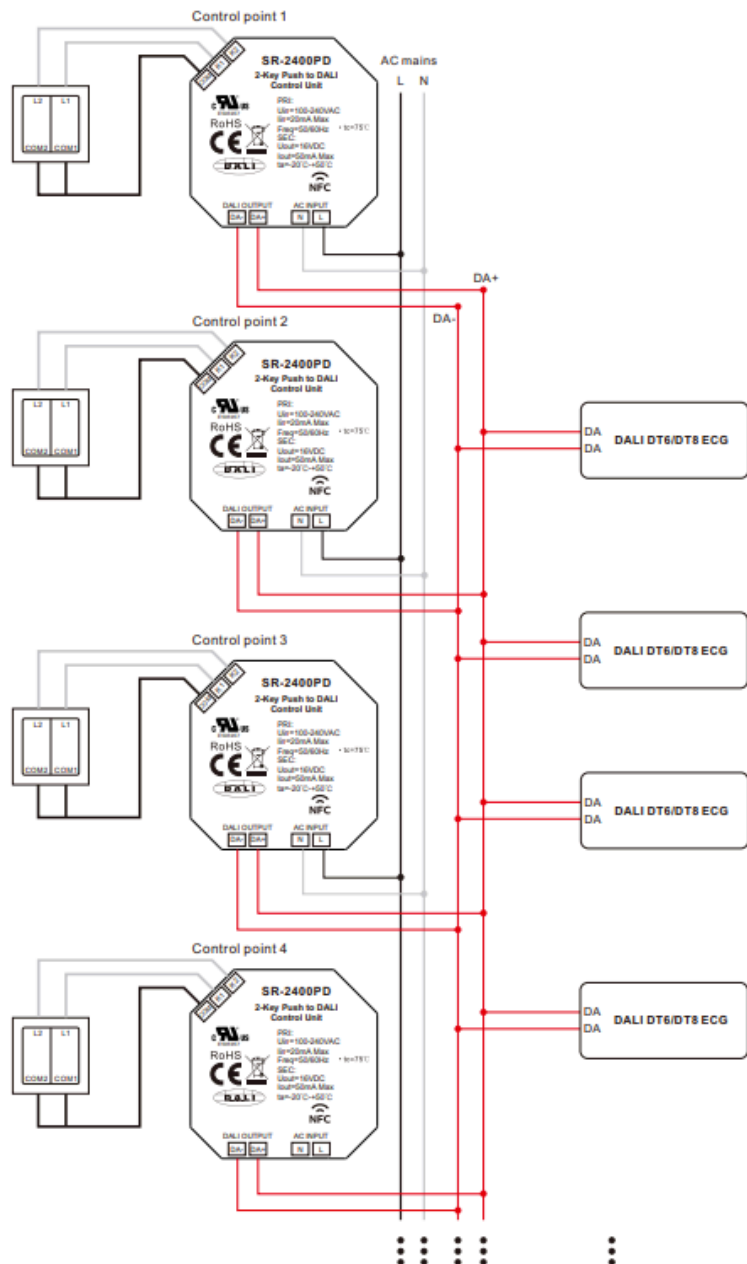


FIGURE 2: Wiring scheme to control up to 100 DALI ECGs (all 4 control units powered by AC mains)

