







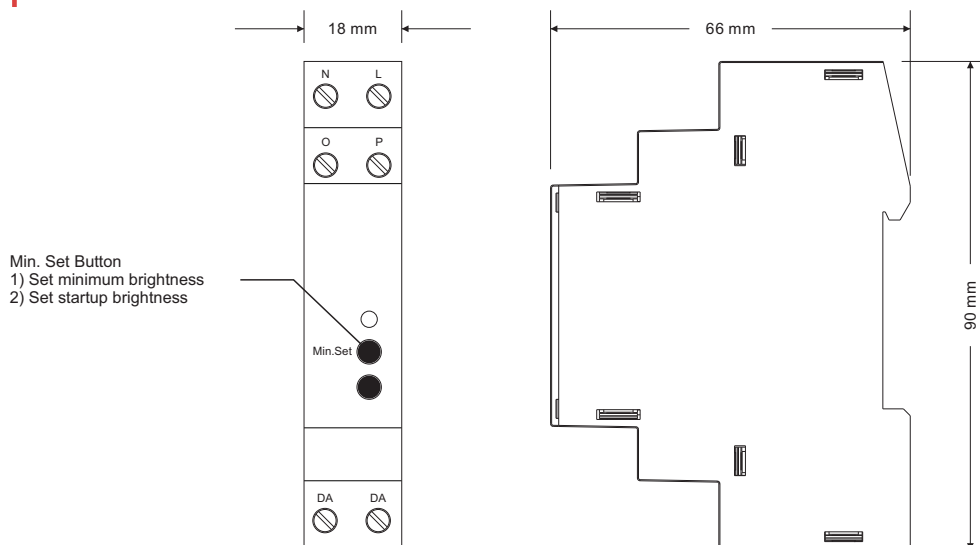
Features:

- 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-DA9042A-D
Specifications	Input Voltage	100~240VAC
	Output Voltage	100~240VAC
	Output Current	0.1~1.8A
	Output Channel	1CH
	Max. Output Power	400W
	Weight	0.05kgs
	Dimensions	90*66*18mm
Notes	<ul style="list-style-type: none"> • DALI AC phase cut dimmer • 100-240VAC Wide Input and Output Voltage • Supports resistive loads, capacitive loads or inductive loads • 1 Channel Output, Up to 400W 	
	<ul style="list-style-type: none"> • Input and Output with Screw Terminals, Safe and Reliable • Both leading edge version and trailing edge versions are available for choosing, preset by factory setting • Enables to control ON/OFF and light intensity of connected light source 	
Safety & Warnings		<ul style="list-style-type: none"> • DO NOT install with power applied to the device. • DO NOT expose the device to moisture.

Compatible Load Types			
Load Symbol	Load Type	Maximum Load	Remarks
	Dimmable LED Lamps	200W @ 230V 100W @ 110V	Due to variety of LED lamp designs, maximum number of LED lamps per channel is further dependent on power factor result when connected to dimmer.
	Dimmable LED Drivers	200W @ 230V 100W @ 110V	Maximum permitted number of drivers per channel is 200W divided by driver nameplate power rating.
	Incandescent Lighting, HV Halogen Lamps	400W @ 230V 100W @ 110V	
	Low voltage halogen lighting with electronic transformers	200W @ 230V 100W @ 110V	

Mechanical Specification



Operation

1. Set DALI Address Manually Via Buttons

1 DALI addresses for 1 channel output is assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.

Setting minimum brightness:

Adjust brightness to a level, then press and hold down “Min. Set ” key on the dimmer until the light flashes, once set a minimum brightness, the light can only be dimmable between this minimum brightness and maximum brightness.

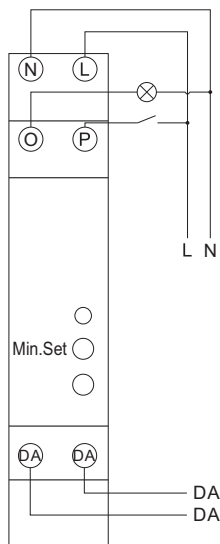
The dimming range of this dimmer is 5%-100%, but some load types may flicker when dimmed to 5%, thus a minimum brightness shall be set higher than 5% to avoid flickering during dimming process.

Delete the minimum brightness:

Adjust the brightness to maximum level, then click “Min. Set” key on the dimmer to delete the minimum brightness, the light will flash to indicate successful reset.

PUSH DIM:

While connected with PUSH switch, click the button to switch ON/OFF lights. Press and hold down the button to increase/decrease light intensity.



Wiring Diagram

Notes for the diagrams:

- L - terminal for live lead
- N - terminal for neutral lead
- O - output terminal of the dimmer (controlling connected light source)
- P - terminal for switch
- DA - DALI signal input