



Features:

- Casambi smart phase dimmer
- Input/Output: 100~240VAC
- IP20 design for indoor installation
- Up to 200W dimmable LED at 230V
- Up to 250W resistive load at 230V
- Supports two-wire installation without neutral or three-wire installation with neutral
- Trailing-edge phase-cut dimming
- Compact size: 42*38*16 mm (L*W*H)
- 5-year warranty

Model		SR-CS9041A-D
Product Data	Input	100-240VAC
	Output Voltage	100-240VAC
	Output Current	0.1-1.1A
	MAX. No. of parallel connected load	6
	Ingress Protection rating	IP20
	Net. weight	0.05kg
	Size	42*38*16mm (L*W*H)
Safety & Warnings		• DO NOT Install with power applied to the device • DO NOT expose the device to moisture
Notes		• Casambi AC phase cut dimmer • 100-240VAC Wide Input and Output Voltage range • Supports resistive loads, capacitive loads or inductive loads • 1 channel Output, Up to 250W • Input and Output with Screw Terminals • With push switch input, button function can be configured by Casambi app • The phase dimmer can be controlled by Casambi app, remotes, wall switches, kinetic switches, buttons can control Casambi network wirelessly • Trailing edge dimming • Typical mesh range is over 50 meters line of sight for indoor environment • Supports power metering • Mini Size, Easy to be Installed into a standard wall box • Can operate under two-wire connection with no neutral lead or three-wire connection with neutral lead • Active power and energy metering functionality • Soft start function • Minimum dimming level setting function

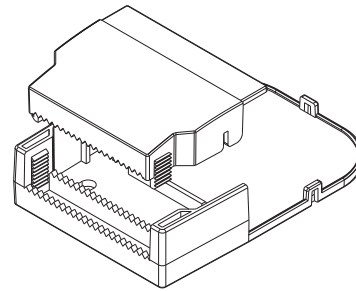
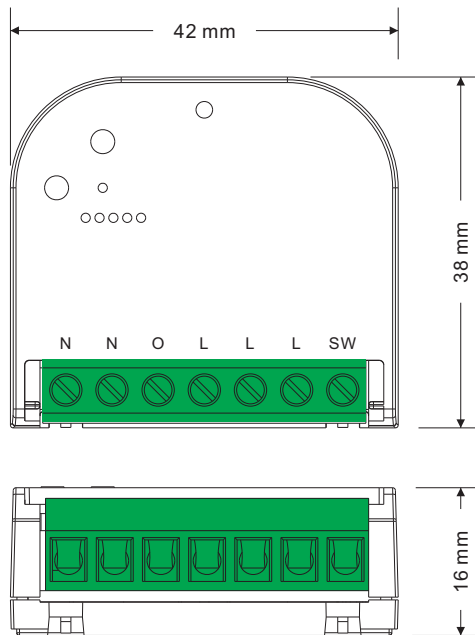
Compatible load types			
Load Symbol	Load Type	Maximum Load	Remarks
	Dimmable LED Lamps	200W @ 230V 100W @ 110V	Due to variety of LED lamp designs, maximum number of LED lamps is further dependent on power factor result when connected to dimmer
	Dimmable LED Drivers	200W @ 230V 100W @ 110V	Maximum permitted number of drivers is 200W divided by driver nameplate power rating.
	Incandescent lighting, HV Halogen lamps	250W @ 230V 125W @ 110V	
	Low voltage halogen lighting with electronic transformers	200W @ 230V 100W @ 110V	

Notes

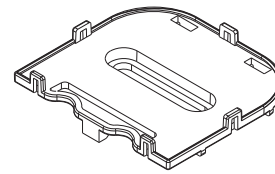
As a dimmer it operates under the following loads:

- Conventional incandescent and HV halogen light sources
- ELV halogen lamps and dimmable LED bulbs (with electronic transformers)
- MLV halogen lamps (with ferromagnetic transformers)
- Dimmable LED bulbs
- Dimmable compact fluorescent CFL tube lamps
- Supported dimmable light sources (power factor > 0.5) with minimal power of 3VA using the Bypass (depending on the type of load)

Mechanical Specifications



Accessory 1: Wire clamp cover. Sold separately

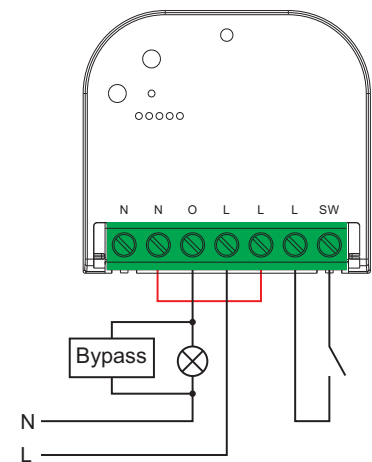
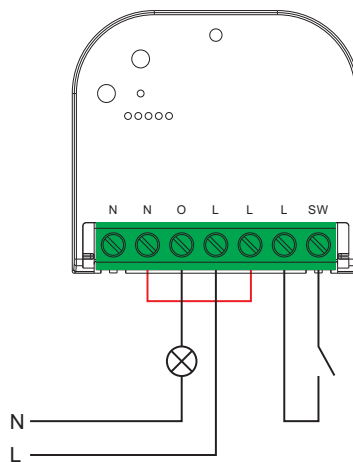
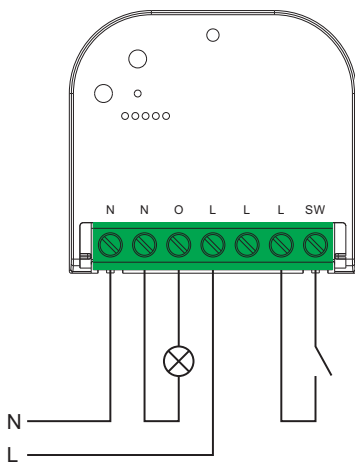


Accessory 2: DIN rail bracket. Sold separately

Wiring Diagram

Method 1: With neutral

Method 2: Without neutral



* When using the device without neutral, the smart dimmer requires at least 20W @ 240 VAC of power consumption to operate. If the connected light has a smaller power consumption, then Bypass is needed for the device to work.

Instructions

* Notes on Diagram:

L - Terminal for live lead

N - Terminal for neutral lead

O - Output terminal of the dimmer (controlling the connected light source)

SW - Terminal for switch

* Supported Switch Types:

The switch types this device supports can be configured by factory setting:

1) Push switch (factory default setting)

2) Toggle ON/OFF switch (can be configured by factory setting upon

[Configure push button function via Casambi APP](#)

Step 1: Open the Casambi app and add the dimmer to your Casambi network. After a successful addition, the dimmer will be shown in the Switches view.

Step 2: In the Switches view, tap on the dimmer to configure its button function. One push button is available for configuration. You can choose to control a luminaire in the app.

Step 3: After configuration, you can use the app to control the lighting.

Note: Please refer to the Casambi App User Manual for more detailed operations if needed.