



Features:

- Matter over thread AC Phase cut dimmer
- Input/Output: 100~240VAC
- IP20 design for indoor installation
- Supports resistive, capacitive or inductive loads
- Supports two-wire installation without neutral or three-wire installation with neutral
- Trailing-edge dimming
- Compact size: 42*38*16 mm (L*W*H)
- 5-year warranty

Model		SR-MT9041A-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		• Matter over thread AC phase cut dimmer • 100-240VAC wide input and output voltage • Supports resistive loads, capacitive loads or inductive loads • 1 channel output, up to 250W • Input and output with screw terminals, safe and reliable • Trailing edge dimming • App control through Matter (e.g. Apple Home, Amazon Alexa, Google Home) Fully compatible with universal Matter ecosystems from different manufacturers • Can be voice controlled through Apple Siri, Google Assistant, Amazon Alexa • Mini Size, easy to install into a standard wall box • Waterproof grade: IP20 • 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 and startup brightness setting function • Works with various types of switches – momentary, toggle, etc. • Active element: semiconductor electronic switch

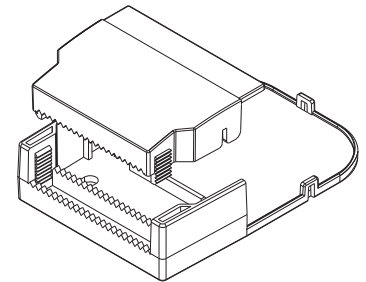
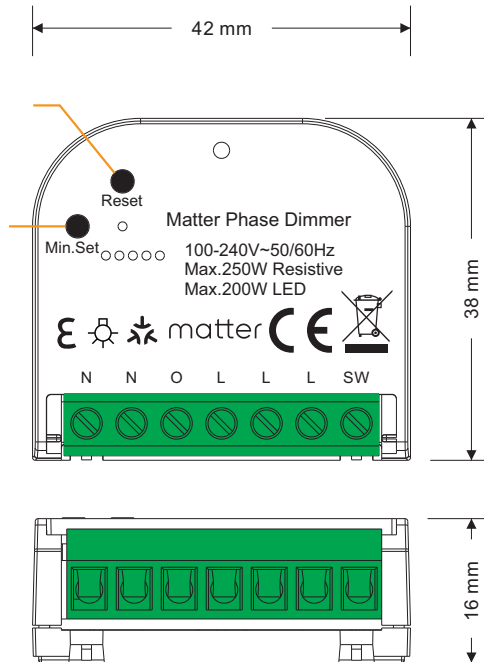
Compatible load types			
Load Symbol	Load Type	Maximum Load	Remarks
	Dimmable LED Lamps	200W @ 230V 100W @ 110V	Due to variety of LED lamp designs, maximum number of LED lamps is further dependent on power factor result when connected to dimmer
	Dimmable LED Drivers	200W @ 230V 100W @ 110V	Maximum permitted 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	

Mechanical Specifications

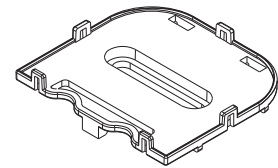
1) "RESET" Key: Factory reset of the dimmer, turn on/off load

Min. Set button

- 1) Set minimum brightness
- 2) Set startup brightness



Accessory 1: Wire clamp cover. Sold separately

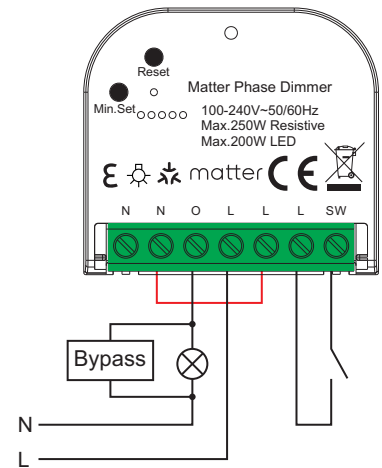
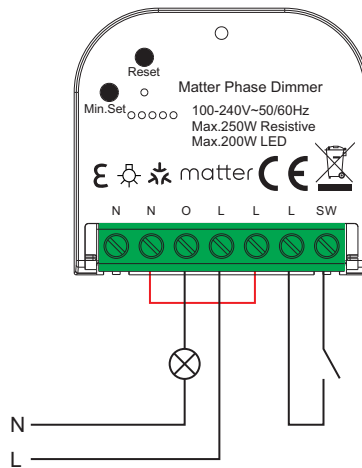
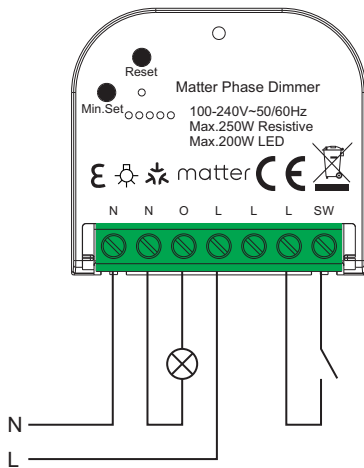


Accessory 2: DIN rail bracket. Sold separately

Wiring Diagram

Method 1: With neutral

Method 2: Without neutral



* When using the device without neutral, the smart dimmer requires at least 20W @ 240VAC 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 request)