

Features:

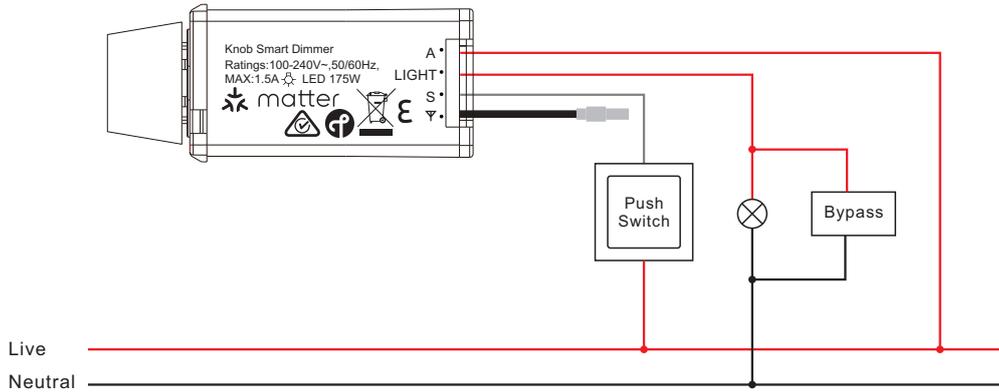
- Matter over Thread + Zigbee Dual Tech smart controller
- Matter-certified device (Matter Thread wall mounted push button dimmer)
- Controls single-channel AC lighting with smooth trailing-edge dimming (up to 175 W LED)
- Easy pairing/commissioning with QR code scan
- IP20: Ingress Protection
- 5 year warranty

Model		SR-MT2835RAC(AU)
Product Data	Input Voltage	100~240VAC
	Input Frequency	50/60Hz
	Output Voltage	100~240VAC
	Output Current	1.5A Max
	Radio Frequency	2.4GHz
	Ambient Temperature	-20°C ~ +50°C
	Dimensions	45*21*21mm (L*W*H)
Safety & Warnings	<ul style="list-style-type: none"> • DO NOT Install with power applied to the device • DO NOT expose the device to moisture 	
Notes	<p>• Matter + Zigbee knob smart dimmer</p> <p>• Neutral free, simple wiring</p> <p>• Supports resistive loads, capacitive loads or inductive loads</p> <p>• Enables to set minimum brightness and startup brightness</p> <p>• 1 channel output, up to 350W</p> <p>• Both leading edge version and trailing edge versions are available for choosing, preset by factory setting</p> <p>• Enables to control ON/OFF and light intensity of connected light source</p> <p>• App control + touchlink remote control + green power kinetic switch control</p> <p>• App control through Matter (e.g. Apple Home, Amazon Alexa, Google Home)</p> <p>• Can be voice controlled through Apple Siri, Google Assistant, Amazon Alexa</p> <p>• With push switch input, can be controlled by universal AC push switches</p> <p>• Standard size, can be compatible with existing Australia wall switch plate</p> <p>• Radio Frequency: 2.4GHz</p> <p>• Waterproof grade: IP20</p> <p>Main Features:</p> <ul style="list-style-type: none"> • Advanced microprocessor control • Implemented algorithm of smart light source detection • Active power and energy metering functionality • Soft start function • Innovative minimum dimming level and startup brightness setting functions • The Bypass is an extension unit <p>As a dimmer it operates under the following loads:</p> <ul style="list-style-type: none"> • 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 • Supported dimmable light sources (power factor > 0.5) with minimal power of 3VA using the Bypass (depending on the type of load) <p>Trailing edge or leading edge dimming mode can be set by factory setting to control following types of loads:</p> <ul style="list-style-type: none"> • "Trailing edge" for resistive loads • "Trailing edge" for capacitive loads • "Leading edge" for inductive loads <p>Note: factory default setting is trailing edge.</p>	

Compatible Load Types

Load Symbol	Load Type	Maximum Load	Remarks
	Dimmable LED Lamps	175W @ 230V 88W @ 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	175W @ 230V 88W @ 110V	Maximum permitted number of drivers per channel is 175W divided by driver nameplate power rating.
	Incandescent Lighting, HV Halogen Lamps	350W @ 230V 175W @ 110V	
	Low voltage halogen lighting with electronic transformers	170W @ 230V 88W @ 110V	

Wiring Diagram



Note:

- Switch connected to the switch wire activates the basic functionality of the dimmer (short press to turn the light on/off, hold to dim up or dim down).
- The Bypass is a device designed to work with the smart dimmer. It should be used in case of connecting LED bulbs or energy saving compact fluorescent lamps. The Bypass prevents flickering of the LED lights and glowing of the turned off compact fluorescent lamps. In the case of 2-wire connection, the Bypass allows to reduce minimum power of load required by the dimmer for correct operation. The Bypass provides powering of the dimmer in case of controlling the low loads of minimum power down to 3W (for $\cos\phi > 0.5$).

