



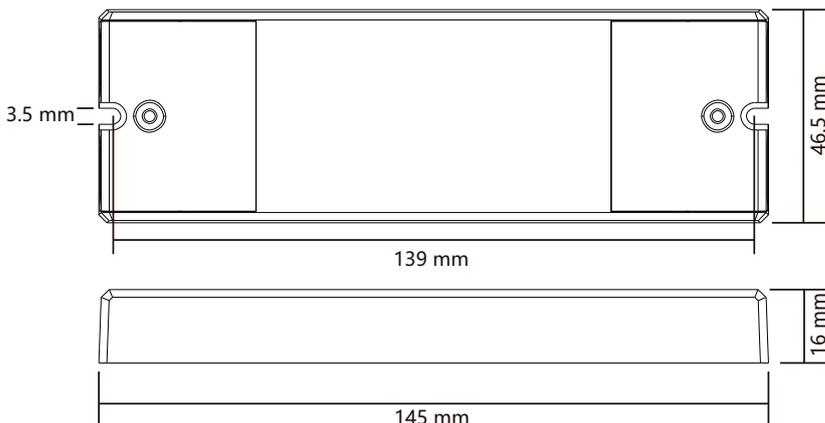
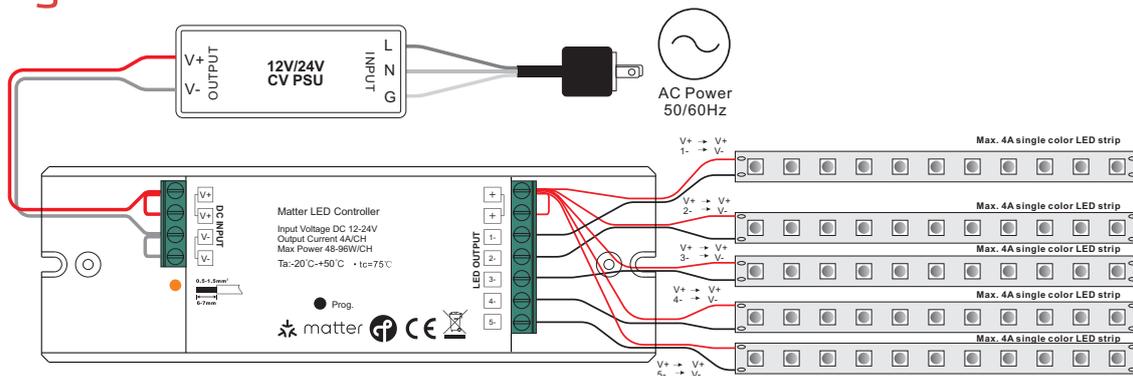
Features:

- Matter over Thread + Zigbee Dual Tech smart controller
- Matter-certified device
- Controls single colour LED strips (12-24V DC) with smooth dimming
- Easy pairing/comissioning with QR code scan
- IP20: Ingress Protection
- 5 year warranty



Model		SR-MT1029-DIM
Product Data	Input Voltage	12~24V DC
	Output Current	4A / Channel
	Output Power	48~96W / Channel
	Remarks	Constant Voltage
	Ambient Temperature	-20°C ~ +50°C
	Max. Casing Temperatre	75°C
	Dimensions	145*46.5*16mm
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	<ul style="list-style-type: none"> • Matter over thread + Zigbee dual tech DIM LED controller • Matter certified device • Communication via an IPv6 Thread Network • 12-24VDC input • 12V/24V constant voltage output, 5 channels output, max. 4A per channel • Controls single coloUr LED lights • Fully compatible with universal Matter ecosystems from different manufacturers 	
		<ul style="list-style-type: none"> • Thread Border Router is required (e.g. Apple HomePod mini or Google NestHub) • Easy comissioning and pairing by scanning the QR code • App control + touchlink remote control + green power kinetic switch control • App control through Matter (e.g. Apple Home, Amazon Alexa, Google Home) • Can be voice controlled through Apple Siri, Google Assistant, Amazon Alexa • Wireless firmware updates possible • Waterproof grade: IP20

Wiring Diagram



Note:

- Input low voltage: 2-pole terminal block: Positive (V+), Negative (V-).
- Output LED's: 6-pole terminal block: 1 common Positive (+), 5 individual Negative outputs (R-, G-, B-, WW-, CW-).
- Control / pairing: On-board programming (PROG) button for pairing and reset (no control terminals).
- Suggested wire diameter: Input / Output: 0.5–2.5 mm² (depending on load and cable length).