

Matter 12-24VDC Converter to RGB CCT LED



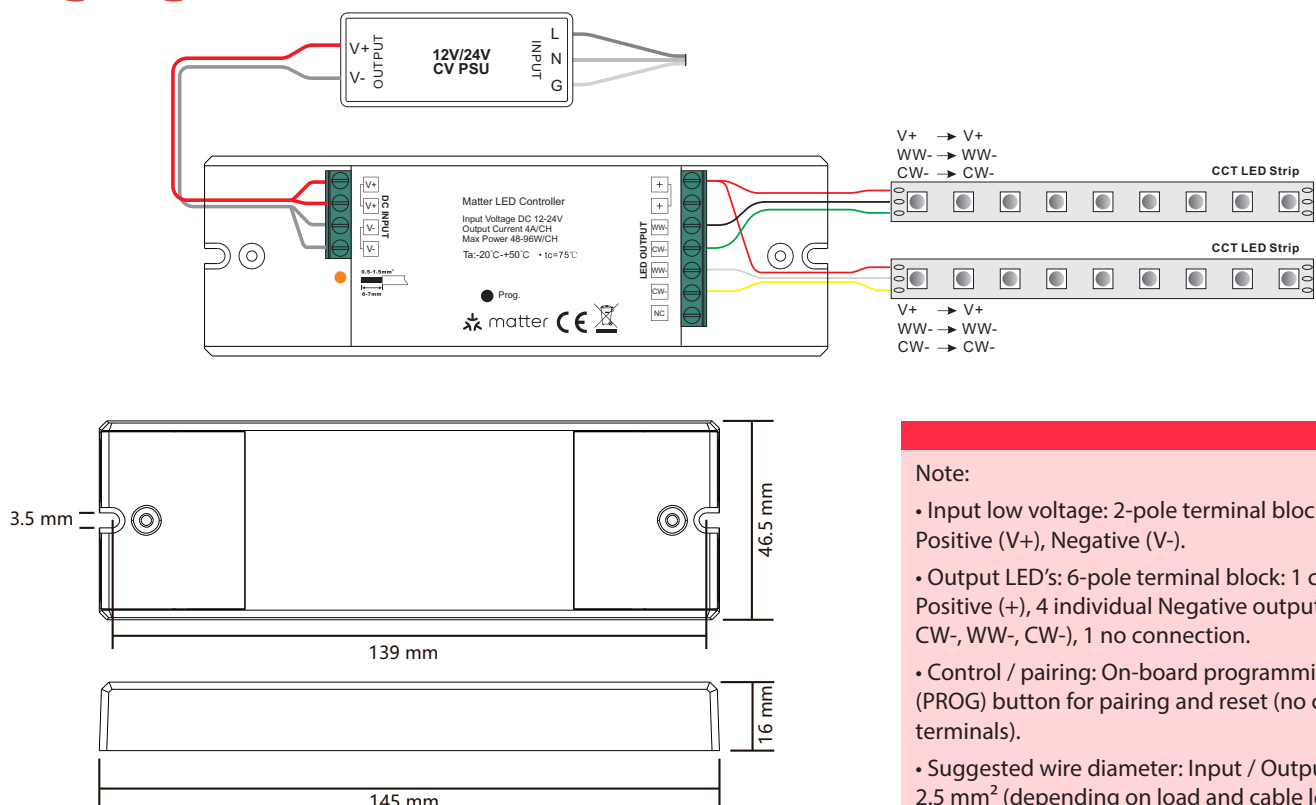
Features:

- Matter over Thread + Zigbee Dual Tech smart controller
- Matter-certified device
- Controls Tuneable White (CCT)
- Easy pairing/commissioning with QR code scan
- IP20: Ingress Protection
- 5 year warranty



Model		SR-MT1029-CCT
Product Data	Input Voltage	12~24V DC
	Output Current	5A
	Output Power	60~120W / Channel
	Remarks	Constant Voltage
	Ambient Temperature	-20°C ~ +50-°C
	Max. Casing Temperature	75°C
	Dimensions	145*46.5*16mm
Safety & Warnings	• DO NOT Install with power applied to the device • DO NOT expose the device to moisture	
Notes	• Matter over thread CCT LED controller • Matter certified device • Communication via an IPv6 Thread Network • 12-24VDC input • 12V/24V constant voltage output, 1 channel output, max. 5A output current • Controls tunable white LED lights • Fully compatible with universal Matter ecosystems from different manufacturers • Thread Border Router is required (e.g. Apple HomePod mini or Google NestHub) • Easy commissioning and pairing by scanning the QR code • 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 (+), 4 individual Negative outputs (WW-, CW-, WW-, CW-), 1 no connection.
- 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).