

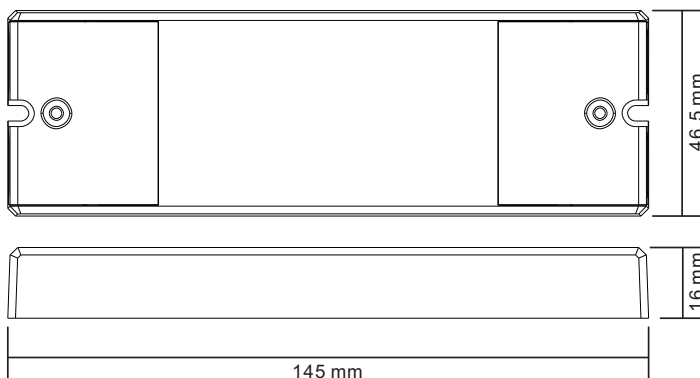


## Features:

- Matter over Thread + Zigbee dual tech smart controller
- Matter-certified device
- Controls RGB + Tuneable white(CCT) LED lights (RGBCT)
- Easy pairing/comissioning with QR code scan
- IP20 design for indoor installation
- 5-year warranty

| Model             |                           | SR-MT1029-5C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Data      | Input                     | 12-24VDC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Output Current            | 4A / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                   | Output Power              | 48-96W / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                   | Remarks                   | Constant voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                   | Ambient Temperature       | -20°C ~ +50-°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                   | Max. Casing temperature   | 75°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Ingress Protection rating | IP20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Net. weight               | 0.3kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                   | Size                      | 145*46.5*16mm (L*W*H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Safety & Warnings |                           | <ul style="list-style-type: none"> <li>• DO NOT Install with power applied to the device</li> <li>• DO NOT expose the device to moisture</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Notes             |                           | <ul style="list-style-type: none"> <li>• Matter over Thread + Zigbee dual tech, with Matter-certified lighting devices</li> <li>• Communication via an IPv6 Thread Network</li> <li>• App control + touchlink remote control + green power kinetic switch control</li> <li>• App control through Matter (e.g. Apple Home, Amazon Alexa, Google Home)</li> <li>• Controls RGB + tunable white LED lights</li> <li>• Fully compatible with universal Matter ecosystems from different manufacturers</li> <li>• A Thread Border Router is required (e.g. Apple HomePod mini or Google NestHub)</li> <li>• Easy commissioning and pairing by scanning the QR code</li> <li>• Remote control through Zigbee touchlink remotes or wall switches</li> <li>• Kinetic switch control through Zigbee green power switches</li> <li>• Can be voice controlled through Apple Siri, Google Assistant, Amazon Alexa</li> <li>• Eliminates the shortcoming of Matter having limited availability of remote and wall switch devices</li> <li>• Wireless firmware updates possible</li> </ul> |

## Mechanical Specifications



- 1) Input low voltage: 2-pole terminal block: Positive (V+), Negative (V-).
- 2) Output LEDs: 6-pole terminal block: 1 common positive (+), 5 individual negative outputs (R-, G-, B-, WW-, CW-).
- 3) Control / pairing: On-board programming (PROG) button for pairing and reset (no control terminals).
- 4) Suggested wire diameter: Input / Output: 0.5–2.5 mm<sup>2</sup> (depending on load and cable length)
- 5) Ensure that all wiring is correct before testing in order to avoid damage to the LED driver or the LEDs.

