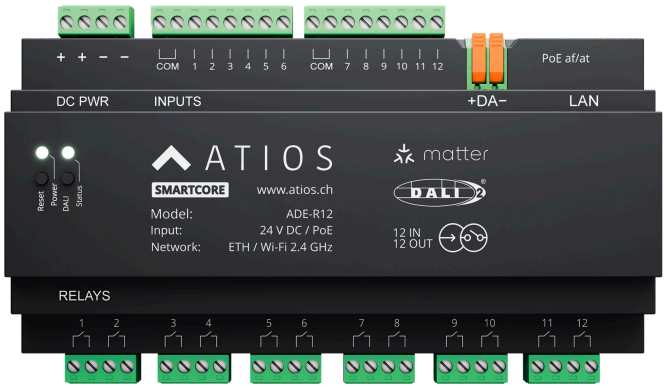
# Atios SmartCore ADE-R12-2.0 Datasheet

EAN 7649988416651




## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Power supply | PoE 802.3af or external 20-30 V DC |
| Power consumption | 1 W, with DALI power supply enabled 5 W |
| DALI standard | DALI and DALI-2 IEC 62386 with multi-master support |
| Supported DALI device types | DT6, DT7 and DT8 |
| DALI power supply | 250 mA, can be enabled/disabled in case of external supply |
| DALI programming interface | Embedded Web Interface or Lunatone DALI Cockpit (DALI-2 IoT Gateway) |
| DALI capacity | Up to 64 control gear and 64 control devices |
| Outputs | 12× bistable 16 A relay, 250 V AC |
| Inputs | 12× wide range 12-230 V AC/DC |
| App support | Apple Home and Home Assistant via HomeKit; Apple Home, Google Home, Samsung SmartThings, Amazon Alexa, Home Assistant and more via Matter |
| IP communication | Ethernet 10/100 Base-T and Wi-Fi |
| Dimensions | 110 × 178 × 60 mm |
| Mechanical data | DIN-rail device, installation width: 10 modules, screw taps for wall mount |
| Enclosure | ABS, weight 435 g |
| Ambient temperature | −5 °C to +45 °C |
| Control | 2 push buttons |
| Indicators | 2 multicolor status LEDs |
| Certifications | CE, RoHS, Matter certified, ISO 9001:2015 |

## APPLICATION AREA AND FEATURES

- Stand-alone device to outfit new homes, business apartments or hotel rooms with app and voice control of lights, blinds, access, heating and sensors.
- Twelve potential-free 16 A relay outputs and twelve wide-range inputs control lights, blinds and loads directly, no separate actuators required.
- Visualization, app, and voice control via Matter, compatible with Apple Home, Google Home, Amazon Alexa, Samsung SmartThings, Home Assistant, Homey, and all other Matter platforms.
- Intuitive Web Interface for configuration, plug and play, no programming knowledge needed.
- DALI and DALI-2 control gear via broadcast, address and group control, plus DALI-2 sensors, all addressed, grouped and tested from the Web Interface.
- Supported Matter and HomeKit device types: lights (on/off, dimmable, tunable white, RGB, RGBW, RGBAW), switches (on/off), sockets, fans, programmable switches, blinds, shutters, and curtains with or without position and tilt control, thermostats, door locks, garage doors (HomeKit only), sensors (temperature, motion, presence, contact, $CO_2$, CO, air quality, smoke, humidity, leakage, and brightness).
- Scenes, automations, multi-user access and push notifications via Apple Home, Google Home, Samsung SmartThings, etc.

## CONNECTIONS

