



QULON R

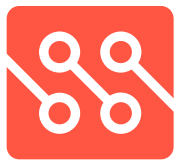
QULON R is an expansion module that allows you to add 16 independent inputs and 8 independent relays in the cabinet controllers.

Communication with the unit and lighting control is via RS-485 interface.

Depending on the modification, the unit can be powered from AC 100-240 V as well as from DC 12-30 V.

The unit can be configured remotely via the cabinet controllers, or via the DIP switches on the unit.

The device is designed for installation in a DIN-rail lighting control cabinet.



Original PCB

Using only printed circuit boards of our own design in the devices



Easy installation

Easy installation of devices in any environment



High quality

High quality components and enclosure materials

Advantages

Connection to central controller QULON C over the RS-485

16 independent inputs

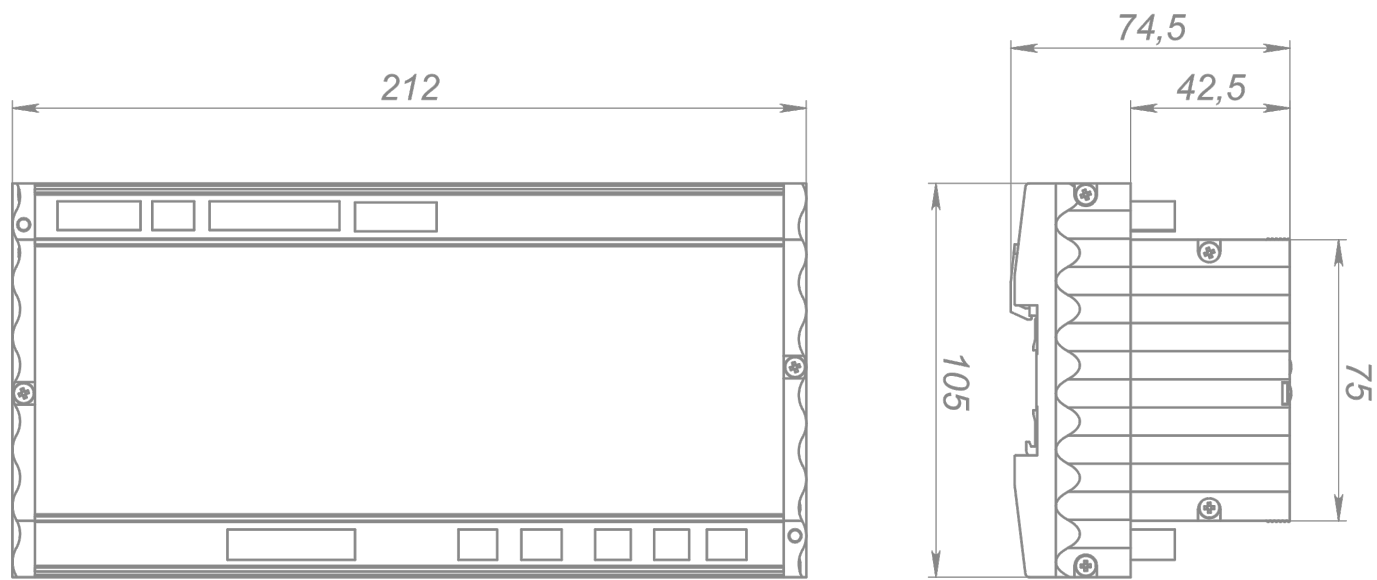
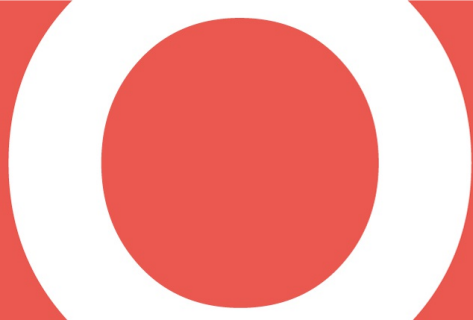
Built-in power supply

Full galvanic isolation RS-485 interface

8 independent relay outputs



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Specifications

Mechanical

Housing: aluminum DIN mounted case
 Material: metal, plastic
 Dimensions, mm: 212(L) x 74,5(H) x 105(W)
 Mass: 0.6 kg
 Mounting: DIN (12 modules) rail

Environment

Operating Temperature: -40...+70°C
 Storage Temperature: -50...+80°C
 Operating Relative Humidity (max): 95%
 IP Rating: IP 20
 Certification: CE compliant, RoHS
 Warranty: 36 Month

Inputs / Outputs

Relay outputs: 8 (6 on/off, 2 changeover)
 Voltage control inputs: 16
 Max voltage and current at outputs: 240 V, 5 A
 Max voltage at inputs: 240 V
 Connectors: terminal blocks 2EDGVC, 15EDGVC

Package Contents

QULON R
 Connector set

Power & Electrical

Input Voltage: ~100-240V 50/60 Hz; -12-30V
 Input Power (max): 5 W
 Mains Fuse: 0.5 A

Interfaces and Protocols

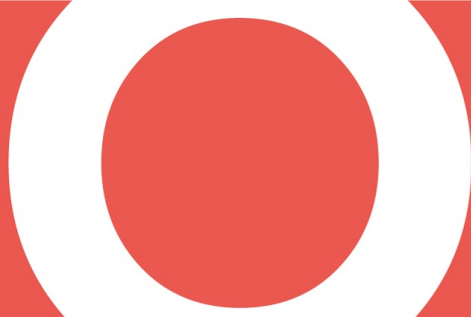
Serial interface: RS-485
 Max length of RS-485 line: 1500 m

Configuration / Indication

Setup: remote via cabinet controllers, DIP switcher
 Indication: LEDs



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Modifications

Modification

QULON R, AC, 8 relays, 16 inputs

QULON R, DC, 8 relays, 16 inputs

QULON R, AC, 16 inputs

QULON R, DC, 16 inputs

Product Code

EAN

QUL-R-EXT-816

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QUL-R-EXT-816-DC

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QUL-R-EXT-016

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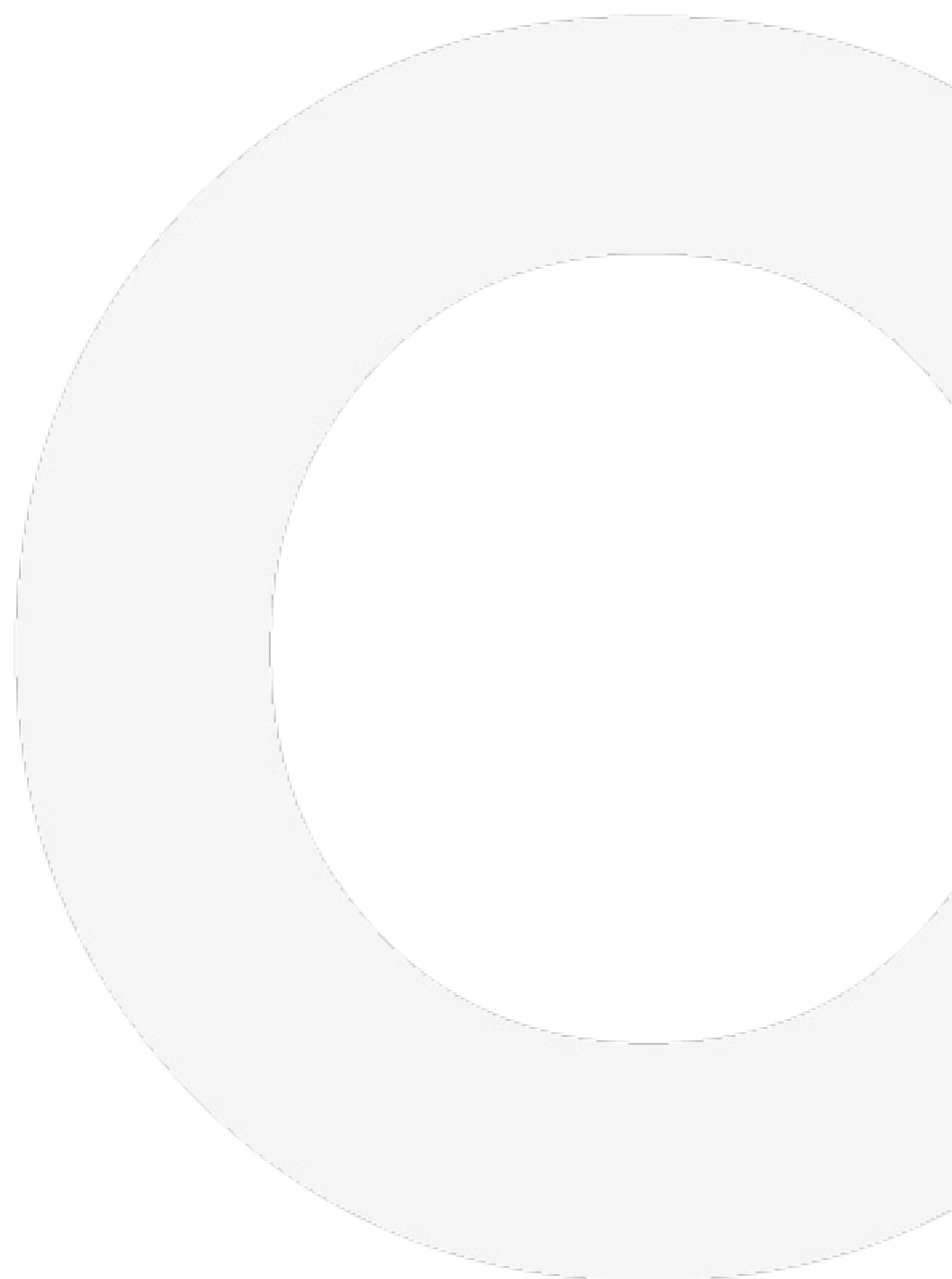
QUL-R-EXT-016-DC

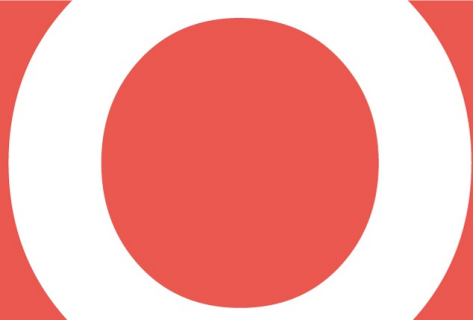
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Accessories

Name

DIN rail





Wiring diagram

Specifications are subject to change without notice. Trademarks are the property of Sundrax.

