

## 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

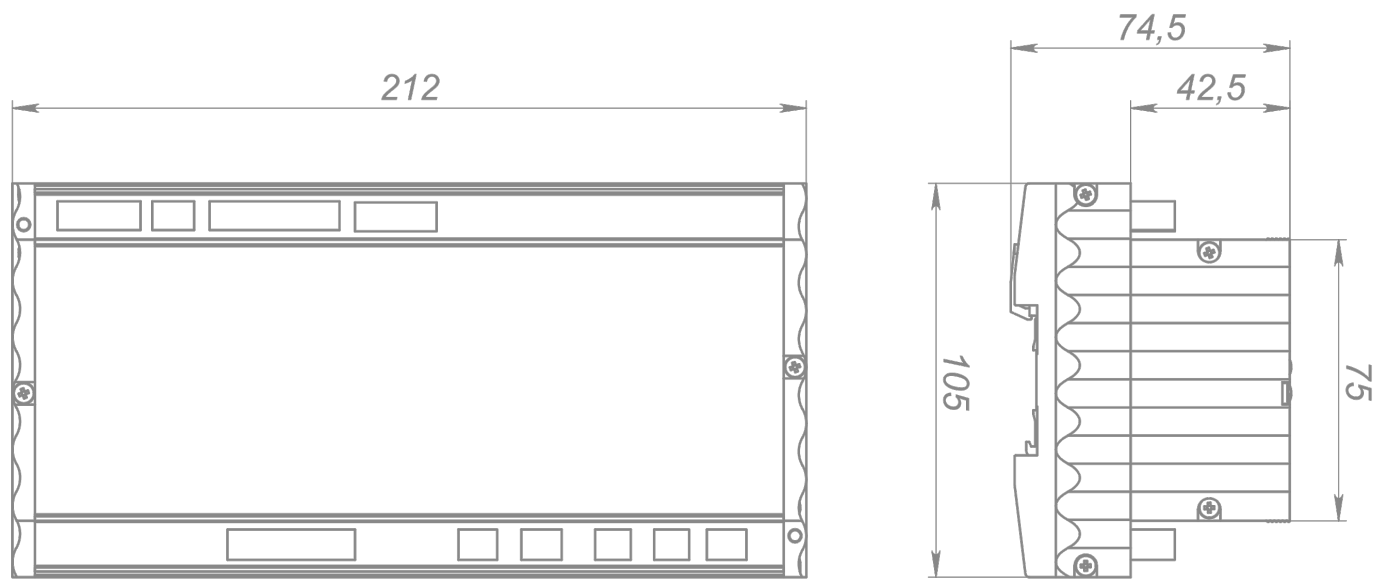
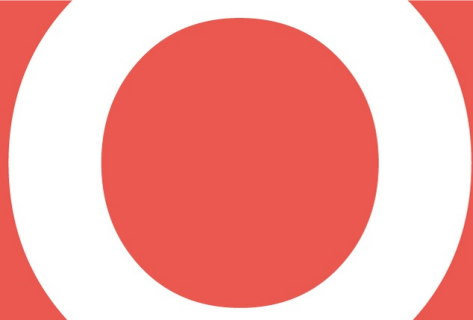
Built-in power supply

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

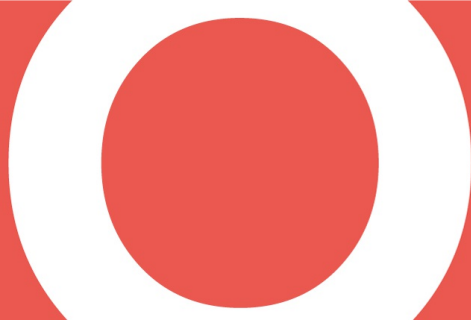
Serial interface: RS-485  
 Max length of RS-485 line: 1500 m

### 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

QUL-R-EXT-816  
QUL-R-EXT-816-DC  
QUL-R-EXT-016  
QUL-R-EXT-016-DC

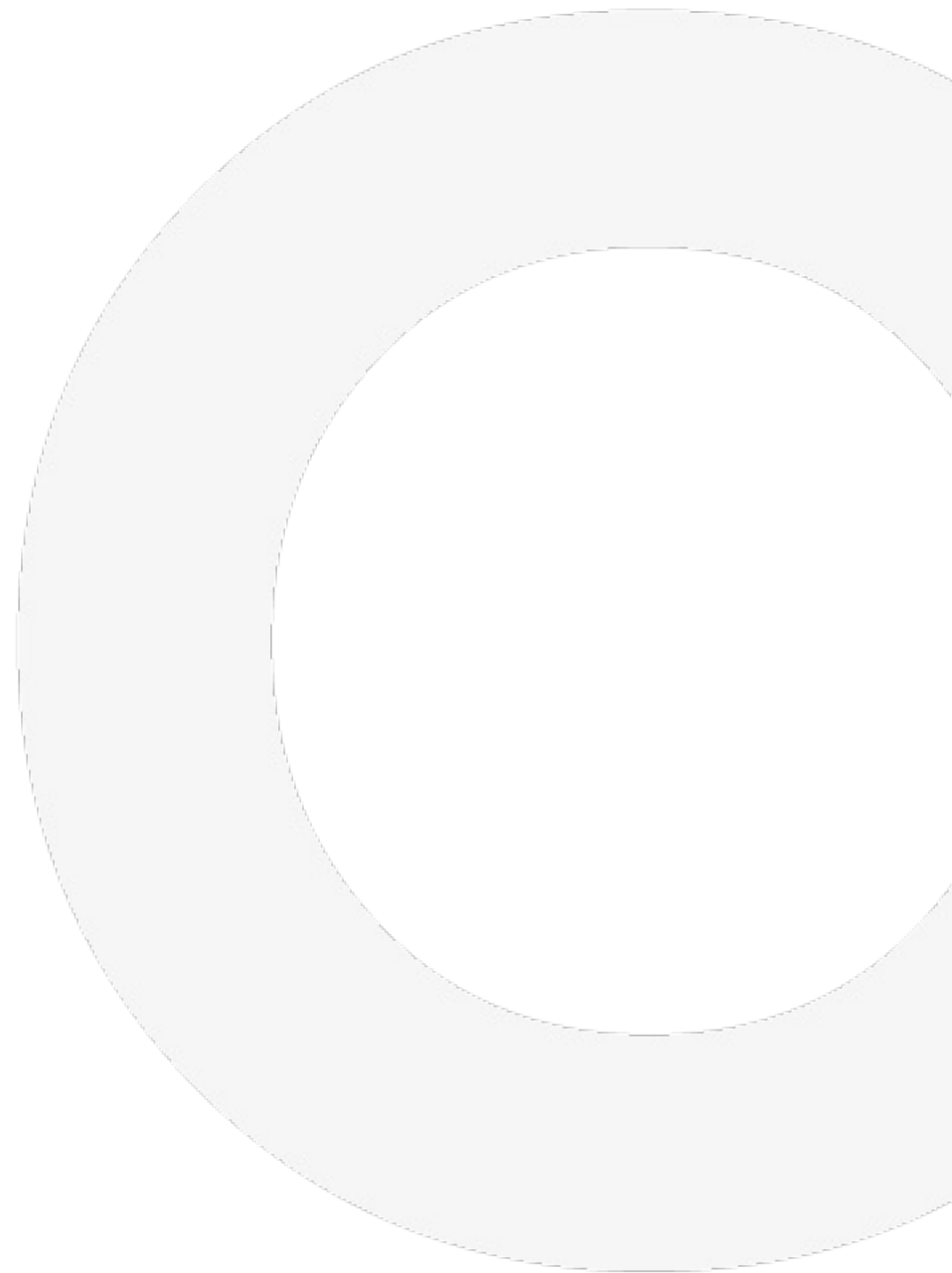
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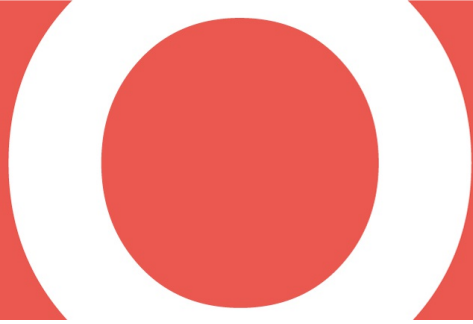
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## Accessories

### Name

DIN rail





## Wiring diagram

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

