



# Controller Qulon-R

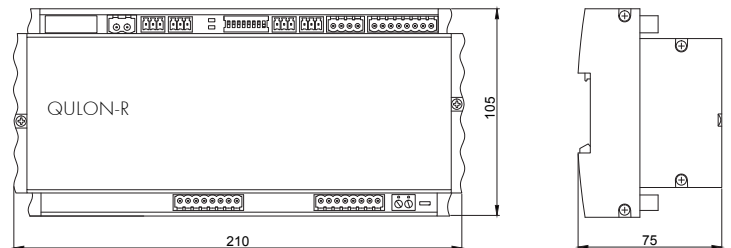
Extension module for outdoor lighting control



Qulon-R is additional module to Qulon Central Control and Monitoring System for road & street lighting that provides additional 16 independent inputs and 8 independent relay outputs to the Gateway.

## Key Features

- Connection to central controller QULON-C over the RS-485
- Full galvanic isolation RS-485 interface
- 16 independent inputs
- 8 independent relay outputs
- Built-in power supply



## QULON CMS

QULON is a powerful yet extremely flexible Central Management System for street lighting. A combination of software applications and different hardware technologies that will offer you full control over any kind of lighting network enabling activity scheduling, real time faults notification, remote meter reading, performance analysis, custom dimming scenarios creation, maintenance workflow management and much more, increasing efficiency and cutting down costs.



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## Technical Specifications

### Mechanical

- Housing: DIN mounted case (12 modules)
- Material: Metal, Plastic
- Dimensions, mm: 210(D) x 105(H) x 75(W)
- Mass: 0.6 kg
- Mounting: DIN-rail in the power cabinet

### Power & Electrical

- Input Voltage: ~100-270 V, 50/60 Hz or 12-30 VDC
- Input Power (max): 5 W
- Mains Fuse: 0.5 A

### Environmental

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

### Inputs / Outputs

- Relay outputs: 8 (6 on/off, 2 changeover)
- Voltage control inputs: 16
- Max voltage and current at outputs: 250 V, 5 A
- Max voltage at inputs: 250 V
- Connectors: Terminal blocks 15EDGV, 2EDGVC

### Interfaces and Protocols

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

### Configuration / Indication

- Setup: remote via QULON-C, DIP switcher
- Indication: LED indicators

### Package Contents

- Qulon-R module
- User guide
- Connectors kit

## Product Line

| Name                     | Modification                | Product code  |
|--------------------------|-----------------------------|---------------|
| QULON-R Extension Module | 8 relays, 16 control points | QUL-R-EXT-816 |



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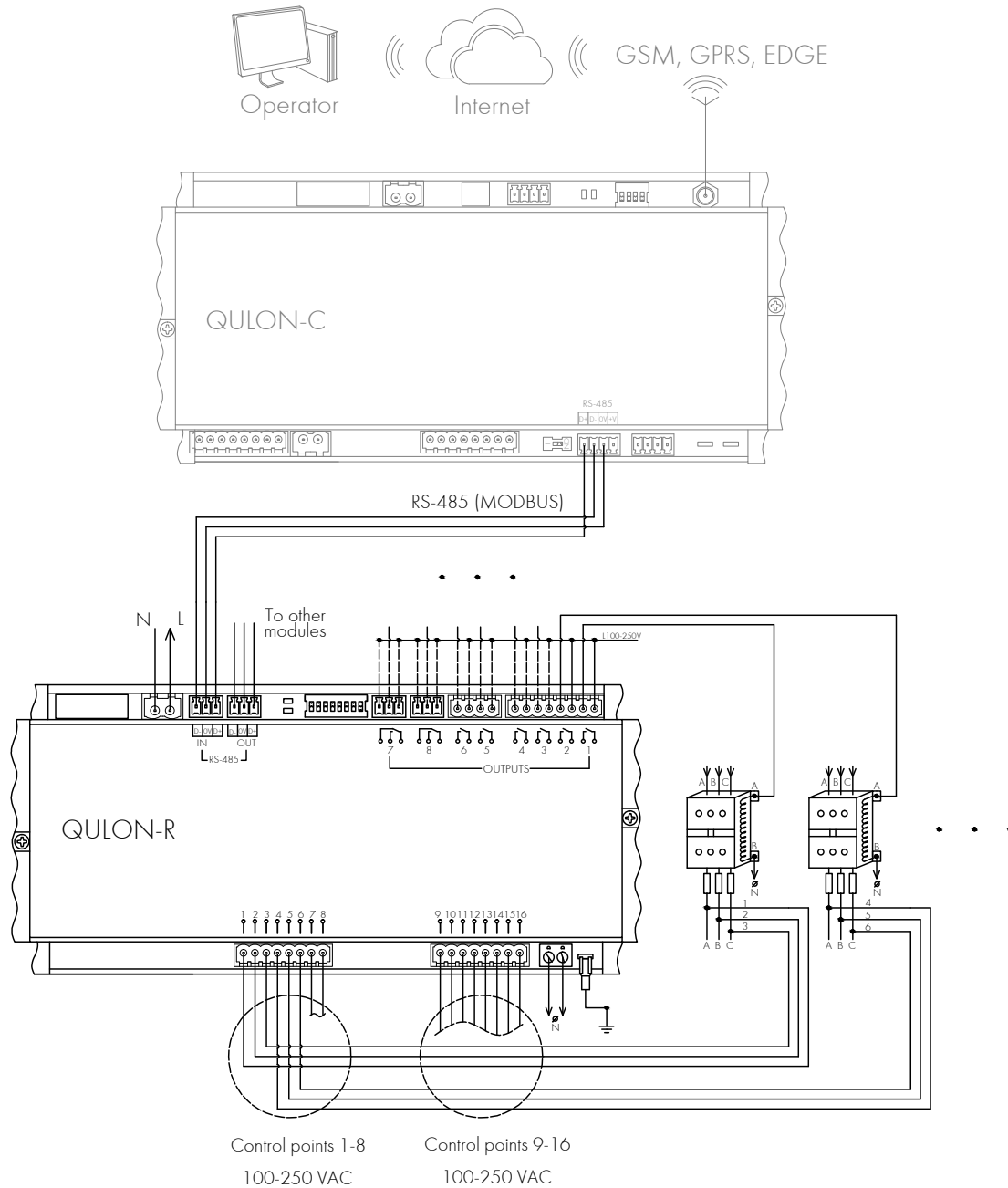


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## Connection Scheme



## Accessories

Name

DIN rail mounting kit

Product code

QUL-C-AC-DIN

**Disclaimer**

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. No liability accepted for errors or omissions. Always make sure to use the most recent release and contact Sundrax Electronics to verify correctness before placing your order.



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