Street Lighting
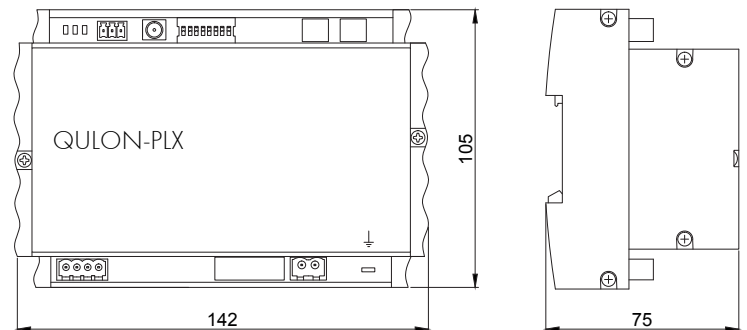Control & Management Software

Qulon-PLX

Scheduled controlling of lighting equipment

Qulon-PLX is autonomous solution for scheduled controlling lighting equipment. Having GPS/ GLONASS on board makes device's astronomical clock absolutely accurate, so device does not require regular maintenance. Qulon-PLX may operate in stand alone mode as well as backup controller in lighting management system, and may be programmed locally via USB as well as remotely via RS-485 and Qulon-C module.

Key Features

- Built-in GPS/GLONASS receiver
- Highest clock accuracy
- Automatic schedule generation
- Backup controller mode
- DIN rail mount, compact size

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.

Qulon-PLX
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Technical Specifications

Mechanical

- Housing: DIN mounted case (4 modules)
- Material: Metal, Plastic
- Dimensions, mm: 142(D) x 105(H) x 75(W)
- Mass: 0.55 kg
- Mounting: DIN rail in the power cabinet or individual waterproof box

Power & Electrical

- Input Voltage: ~100-270 VAC, 50/60 Hz
- 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: 2
- Max voltage and current at outputs: 250 V, 5 A
- Connectors: Terminal blocks 15EDGVC

Interfaces and Protocols

- Navigation: GPS/GLONASS
- Serial interface: RS-485
- Max length of RS-485 line: 1500 m

Configuration / Indication

- Setup: DIP switchers, Remote via Qulon-C
- Indication: LEDs for GPS/GLONASS and RS-485 activity

Package Contents

- Qulon-PLX module
- User guide
- Connectors kit
- GPS/GLONASS antenna

Product Line

Name	Modification	Product code
QULON-PLX	2 relays	QUL-PLX-2

Qulon-PLX
Scheduled controlling of lighting equipment

Connection Scheme

To other
Qulon modules

GPS, GLONASS

0V D- D+
RS-485

QULON-PLX

A B C
A
B
N

A B C
A
B
N

4
5
6

1
2
3

A B C

A B C

1   2

L230V

N   L
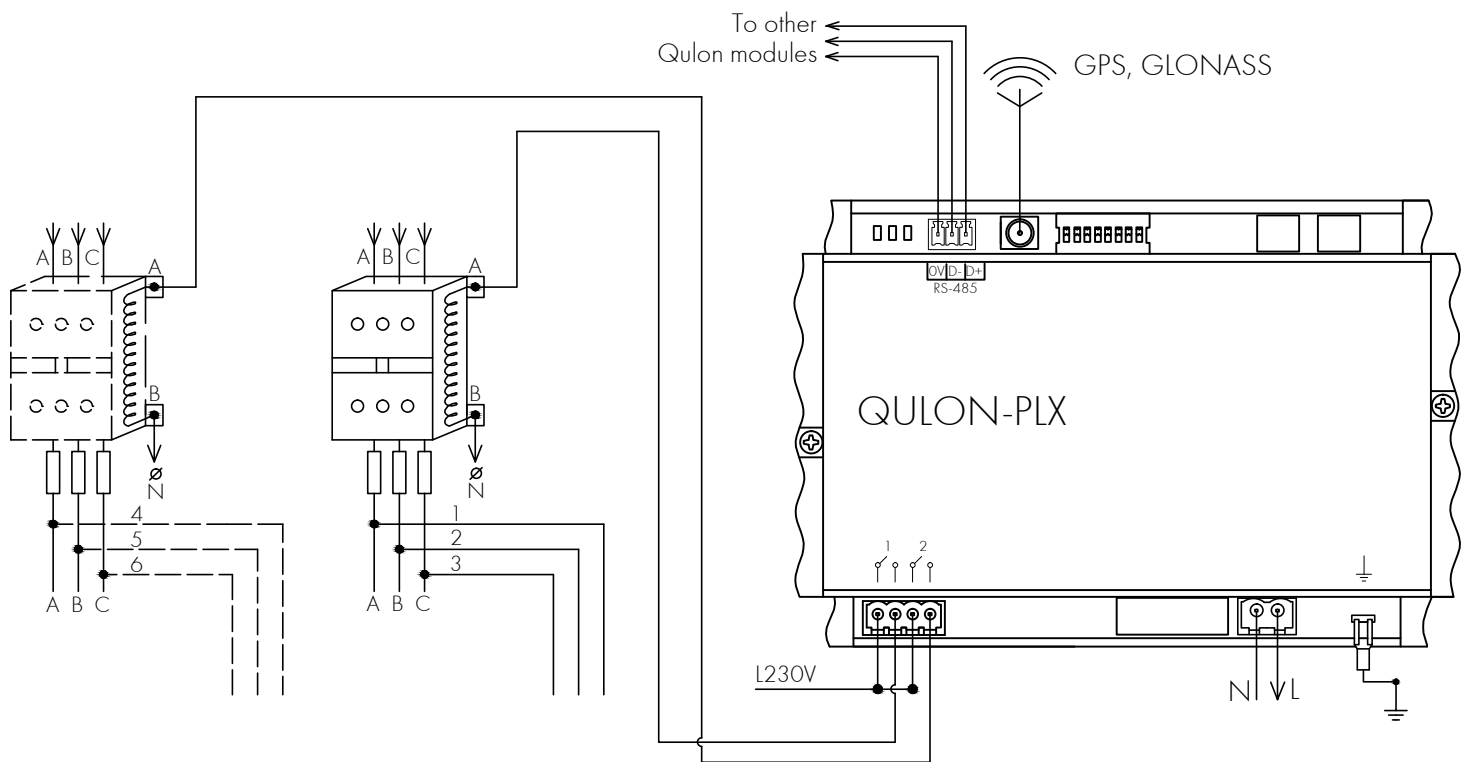
Accessories

Name	Product code
DIN rail mounting kit	QUL-C-AC-DIN
Enhanced GPS Antenna	QUL-PLX-EXT-200

SUNDRAX electronics
lighter than ever

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