



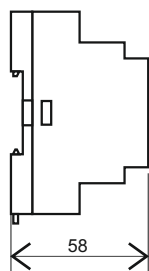
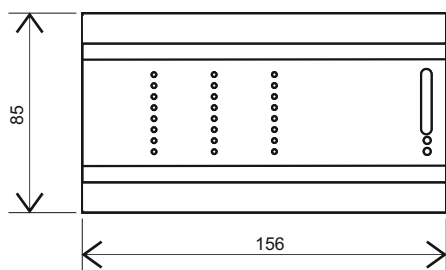
KDR-04

Ordering code: KDR04

The KDR-04 is a control unit for smart lighting solutions. It enables autonomous and local management of lighting. It controls according to the schedule or based on information received from motion or intensity sensors.

Features

- ✓ Universal control unit for selective lighting control for indoor and outdoor use
- ✓ Various modes of lighting control
- ✓ Automatic control of light intensity to the required level
- ✓ Lighting control according to schedule
- ✓ Regulation based on information received from motion sensors
- ✓ Lighting control based on analog and digital inputs
- ✓ Communication interface is ethernet for local and remote access
- ✓ Management and dispatch of system using GUI
- ✓ Consumption metering
- ✓ External control – analog and digital inputs, twilight switch, devices on RS-485 bus
- ✓ Compatible with modulator units Panther PNT-340, Panther PNT-360 and with units DQ-64
- ✓ Compatible with modules MPS-04, MDI-08 and sensors SIO-02
- ✓ DIN rail mounting



| Parameter | Value |
|-------------------------------|--|
| Input voltage | AC 8 V ~ 12 V |
| Frequency | 50 Hz |
| Consumption | 8 W |
| Input/Output | 2x RS485 DC 12 ~ 35 V galvanically separated, 2x LAN Ethernet 10Base-T/100Base-TX 4x analogue inputs 0 ~ 10 V 8x digital inputs log 0 = 0...4 V, log 1 = 7...24V DC 4x digital inputs galvanically separated, semiconductor relay 50 V/0.5 A |
| IP Rating | IP20 |
| Operating ambient temperature | -20 °C ~ +70 °C |
| Dimensions (LxWxH) | 156x58x86 mm (9M) |
| Weight | 320 g |

| Name | Maximum number of devices connected to the control unit KDR-04 |
|-----------------------------------|--|
| DALI control unit DQ-64 | 31 pcs |
| Control unit PANTER PNT | 31 pcs |
| Light intensity sensor SIO-2 | 30 pcs |
| Modul of digital inputs MDI-8 | 50 pcs |
| Current loops interface MPS-04 | 1 pcs |

Block scheme - Devices connected to the control unit KDR-04:
<http://www.seakenergetics.com/files/downloads/dn-217-kdr04-rs485.pdf>