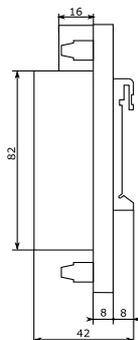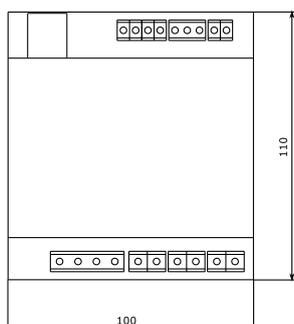# SEAK | LIGHTING CONTROL & ENERGY EFFICIENCY MANAGER
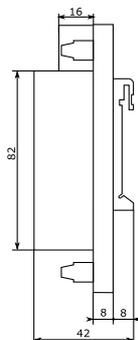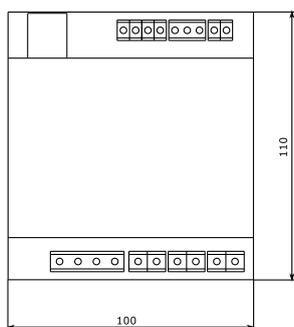
LUMiMASTER SLC-NOM (Revision 2022)

Ordering code: SLCNOM2018

The LUMiMASTER SLC-NOM (Smart Light Controler) is a control unit for smart lighting and EV charging solutions. It enables autonomous, local and remote management of lighting and charging. This unit works with all of current SEAK modulation units and EV chargers.

Features

✔ DIN rail mounting
✔ Input for pulse or digital (Modbus) electricity meter
✔ Min. 4 configurable digital inputs for twilight switch, door contact sensor, etc., expandable with additional inputs via Modbus
✔ Min. 2 configurable digital outputs for the main contactor, SSR, expandable with additional outputs via Modbus
✔ Built-in Ethernet port and GPRS/EDGE router
✔ Built-in web server for configuration/diagnostics
✔ Built-in security features: firewall, SSL support and VPN client
✔ Built-in astro clock specifying sunrise / sunset time from GPS position and exact time
✔ DDNS support for easier management
✔ NTP support for automatic time synchronization
✔ RFC2217 serial tunnel support for remote diagnostics equipment in the switchboard
✔ Operating temperature range at least -35 ⁰C ~ +75 ⁰C
✔ Operation independent of internet connection, control unit works autonomously after setting
✔ Backup battery to send an alarm status in case of power failure
✔ Automatic restoration of the correct light intensity when finished power failure
✔ Automatic control of contactor
✔ Possibility to turn off the lighting (stand-by) during the day, while the power line is under voltage 24 hours
✔ Possibility to control different types of luminaires (LED, HID MH) in one system
✔ Possibility to control biodynamic lamps (tunable-white) as well architectural colored lights
✔ Support for integration of electric car chargers with shared power balancing (load balancing)
✔ Remote software update
✔ Input for modulator (Modbus) providing power line communication
✔ Charger management backend communication with OCPP 1.6J standard

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www.seakenergetics.com

Specifications subject to change without notice   DSLMNEN030518

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Ordering code: SLCNOM2018

Parameter	Value
Input voltage	DC 12 - 24 V
Input power	5,5 W
Inputs	4x digital DC 5 - 24 V
Outputs	2x Relay (max. I=5 A, U=50 V, P=60 W)
Communication interfaces	2xRS485, Ethernet 10/100 Base T, GSM
IP Rating	IP20
Operating ambient temperature	-35 °C ~ +75 °C
Dimensions (LxWxH)	100x110x42 mm
Weight	400 g
Max. wire size	1,5mm^2 stranded/solid wire

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Specifications subject to change without notice   DSLMNEN130422