



Local Controller

Aviation Light Management System

For Obelux LED Aviation Obstruction Lights

CEL-LC-230-XX

Obelux Local Controller (LC) is used for controlling and monitoring a large number of Obelux aviation lights. LC offers full system management for different devices, such as lights and visibility sensors which are connected to the same network. LC offers user-friendly color LCD screen for accessing the system locally.

Key features

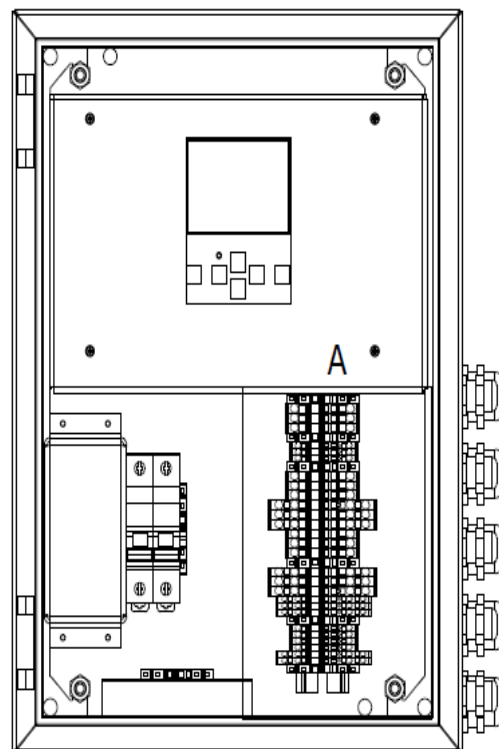
- Provides full system management for Obelux aviation lights
- Allows intensity adjustment (100% / 30% / 10%) with visibility sensor
- Serial ports (RS-485 and RS-232) and I/O signals as a standard
- Easy to connect to SCADA or Ethernet/IP network by using either optic fibre or standard RJ45 connector.
- Small and compact size
- Alarm output (dry contact)
- Overvoltage protection
- Maintenance free system

Electrical characteristics - continued

- Operating voltage: 24VDC or 230VAC
- Power consumption: <10W
- Serial ports (3 x RS-485 and 1x RS-232)
- Alarm Output NO/NC dry contact 230VAC/3A
- Ethernet connection with optic fibre or standard RJ45 connection.

Mechanical characteristics

- Design degree of protection: IP65
- Painted sheet metal cabinet (400x300x200mm)
- Weight: <12kg
- EMC cable glands
- Cable glands: 5 x M25 (11-17 mm cable diameter), 4 x M20 (6-13 mm cable diameter)
- Operating temperature range: -40°C to +55°C



OPERATING VOLTAGE
230 VAC



CAUTION ! LED RADIATION
DO NOT STARE INTO LED BEAM OR VIEW
DIRECTLY WITH OPTICAL INSTRUMENTS.
CLASS 2A LED PRODUCT

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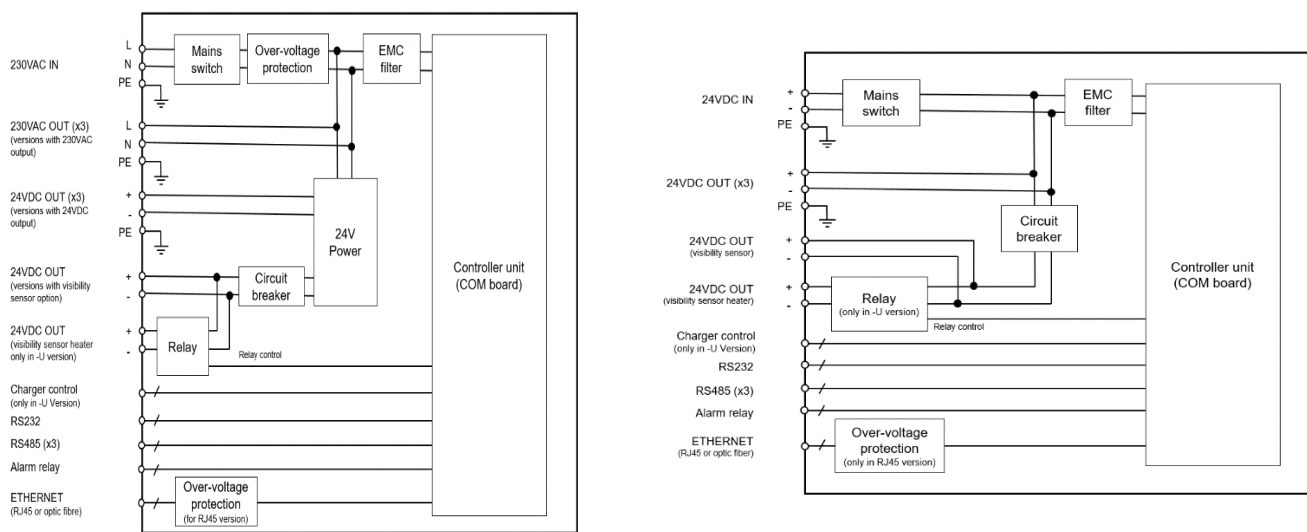
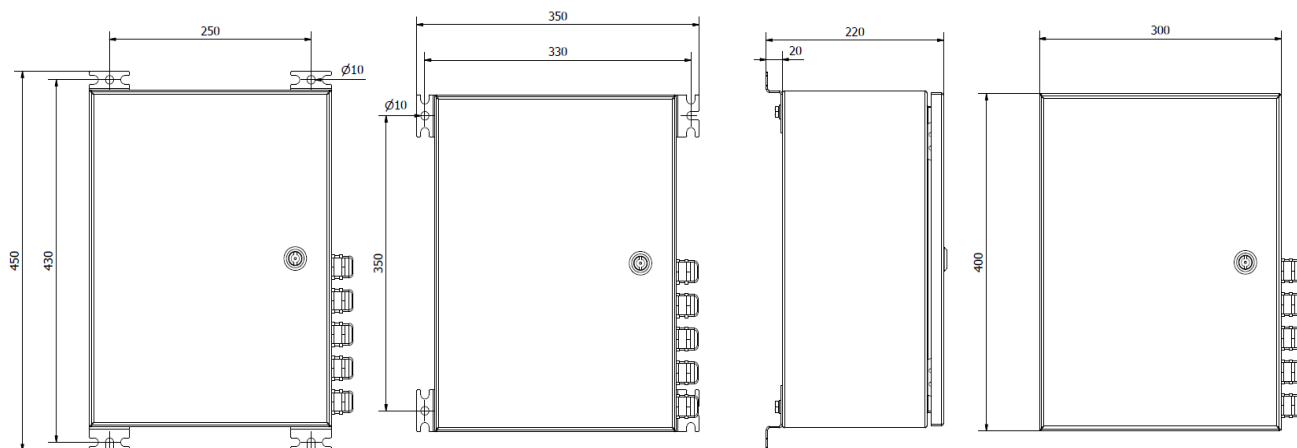


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Order Codes

Order Code	Operating & Output Voltage	Visibility sensor heater relay	Visibility sensor support	Ethernet Connection SCADA (RJ-45)	Ethernet Connection SCADA (Fibre)	Packing Dimensions
CEL-LC-230-E-S	230 VAC	No	No	Yes	No	520x420x250mm, 17kg
CEL-LC-230-EF-S	230 VAC	No	No	No	Yes	520x420x250mm, 17kg
CEL-LC-230-VE-S	230 VAC	No	Yes	Yes	No	520x420x250mm, 18kg
CEL-LC-230-VEF-S	230 VAC	No	Yes	No	Yes	520x420x250mm, 18kg
CEL-230-024-VUE-S	230 VAC	Yes	Yes	Yes	No	520x420x250mm, 18kg