

Control Panel

For Obelux LED Aviation Obstruction Lights

OBELUX
AVIATION LIGHTS

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Mechanical characteristics

- **Enclosure:**
Painted Steel (RAL7035)
Acidproof Steel (AISI 316L)
Degree of protection IP65
- **Dimensions (W x H x D):**
300 x 400 x 200 mm
- **Weight:** <11 kg
- **Cable glands:**
2 x M20 EMC (Ø6-13 mm cable)
2 x M25 EMC (Ø11-17 mm cable)
2 x M16 1 x M20 3 x M25 (reserved)

Electrical characteristics

- **Operating voltage:** 100-240 V_{AC}
- **Power consumption:** <10 W
- **Serial ports:** 3 x RS-485 (Modbus)
- **Ethernet connection:**
RJ45 or Optic Fibre (multimode)
- **Alarm relay:** NO/NC dry contact
Max. 240 V_{AC} / 3 A or 50 V_{DC} / 0,5 A
- **Operating temperature range:**
- 40°C to +55°C
- **Overvoltage protection:**
Raycap Strikesorb 30-B-M

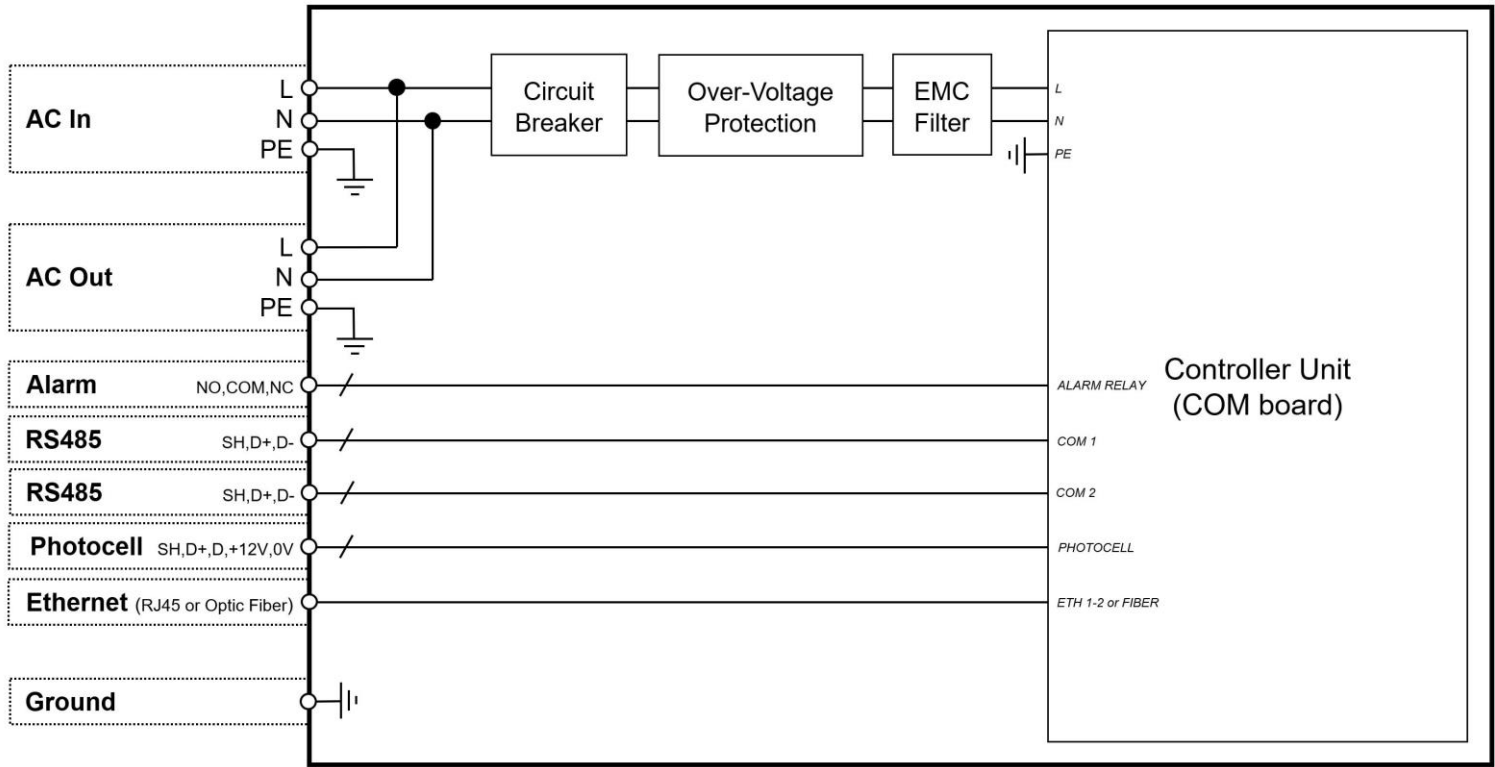


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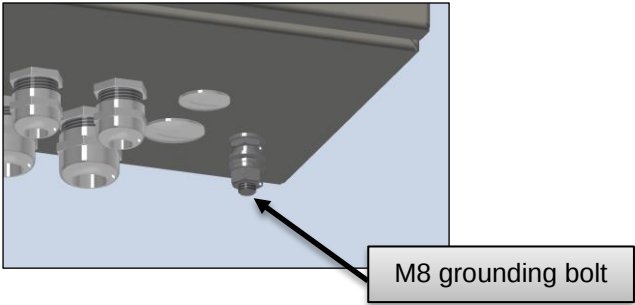
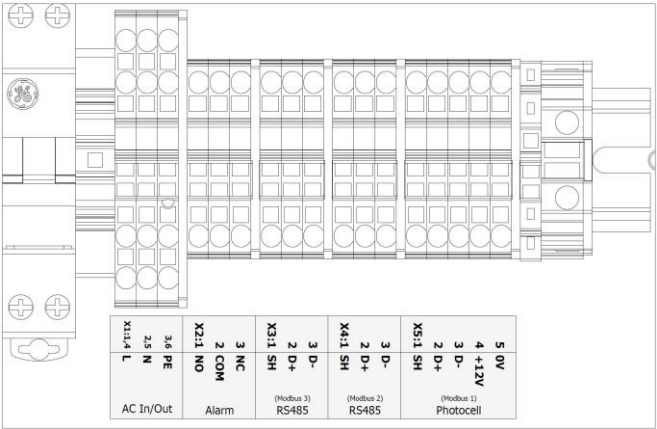
Obelux Control Panel is designed for controlling Obelux Light Head Controllers and aviation lights. The unit offers several features including GPS synchronization, several flash modes, fault signal in case of a malfunction, and Ethernet (IP Protocol) interface. System can be monitored over internet through web browser.

Key Features

- Designed for controlling Obelux Light Head Controllers and aviation lights
- 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



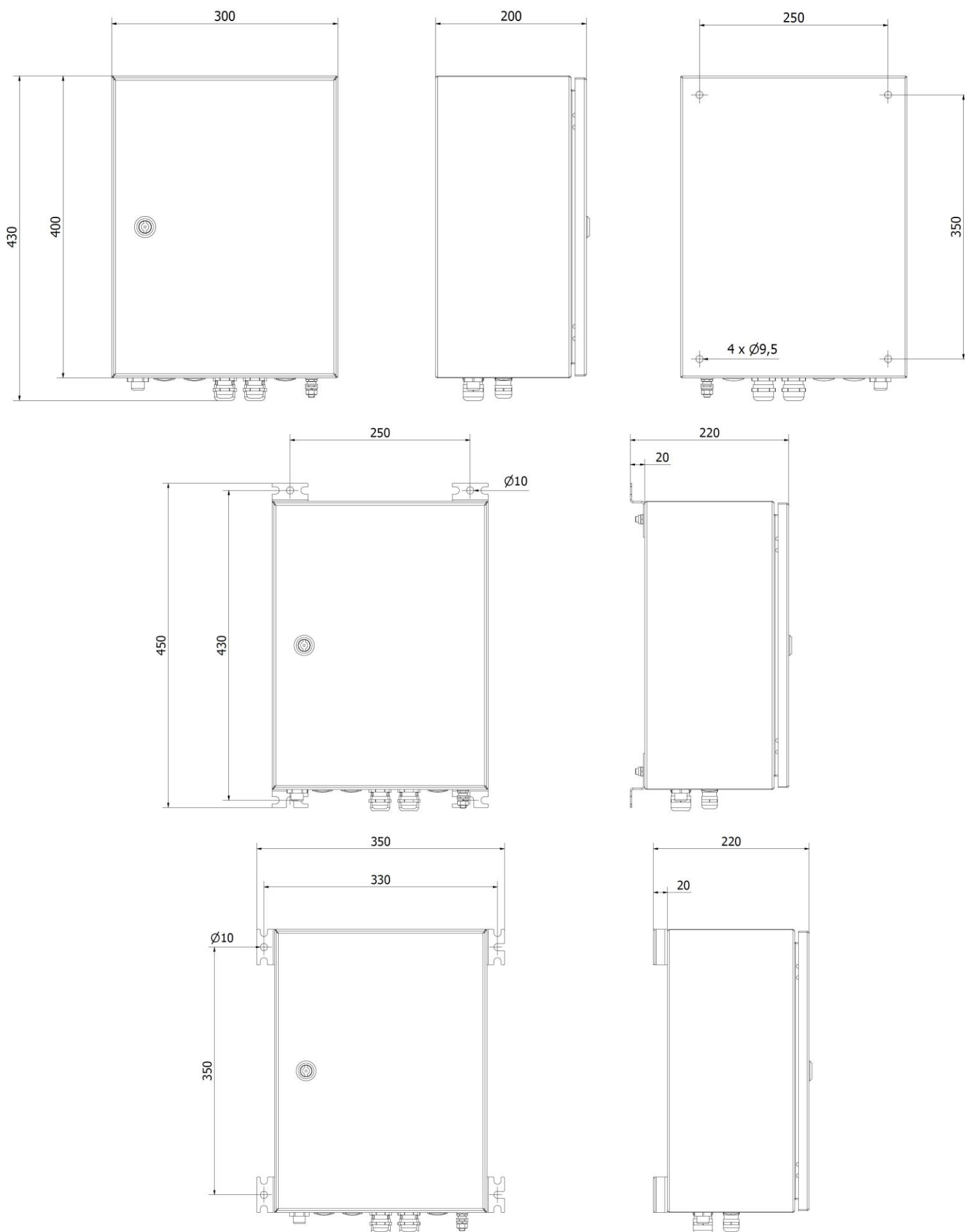
1. Block diagram



2. Electrical interface

Order code:	Operating voltage:	Enclosure material:	Weight:	Dimensions (W x H x D):	Packing dimensions:
CP-ACW-xxx-A3	100-240 V _{AC}	Painted steel	<11 kg	300 x 400 x 200 mm	600 x 350 x 250 mm
CP-ACW-xxx-B3	100-240 V _{AC}	Acidproof steel	<11 kg	300 x 400 x 200 mm	600 x 350 x 250 mm

xxx:
[] = no options
G = GPS Synchronization option
F = Optic Fiber connection option
W = Web Server option



3. Cabinet dimensions