

Controller for use with Orga high intensity and medium intensity obstruction light systems, including systems combining both types of lights. The CIP300 provides full system operation management, advanced control facilities, status information, historic data and system diagnostics with additional overvoltage protection.



Key features

- Controller for systems with Orga aeronautical obstruction lights
- System status monitoring and alarm interface
- System information display with comprehensive system diagnosis
- System operation event history record
- Manual control override of connected lights
- Simple cable connection for easy installation
- Supplied with EMC cable glands / blind plugs
- Two year warranty
- No maintenance required over service life

Standards / certification

- ICAO Annex 14, volume I; International standards and recommended practices: Aerodrome design and operations, 4th Edition, July 2004, chapter 6.3 (for systems incl. CIP300 controllers and obstruction lights)
- United States Federal Aviation Administration AC 70/7460-1K; Obstruction Marking and Lighting, April 2000 (for systems incl. CIP300 controllers and obstruction lights)
- Various national approvals (for systems incl. CIP300 controllers and obstruction lights)

Performance characteristics

- Controls up to ninety Orga aeronautical obstruction lights
- I/O interface for control signals to provide a 10, 30 or 100% adjustable intensity control of connected obstruction lights
- Remote monitoring status contacts
- Optional main-standby light configuration available

Electrical characteristics

- Operating voltage: 100-254Vac nominal, 50-60Hz
- Power consumption: 4W; 8VA
- Overvoltage protection: Class III according to IEC61643-1
- Overvoltage protection (additional): Class II according to IEC61643-1

Physical characteristics

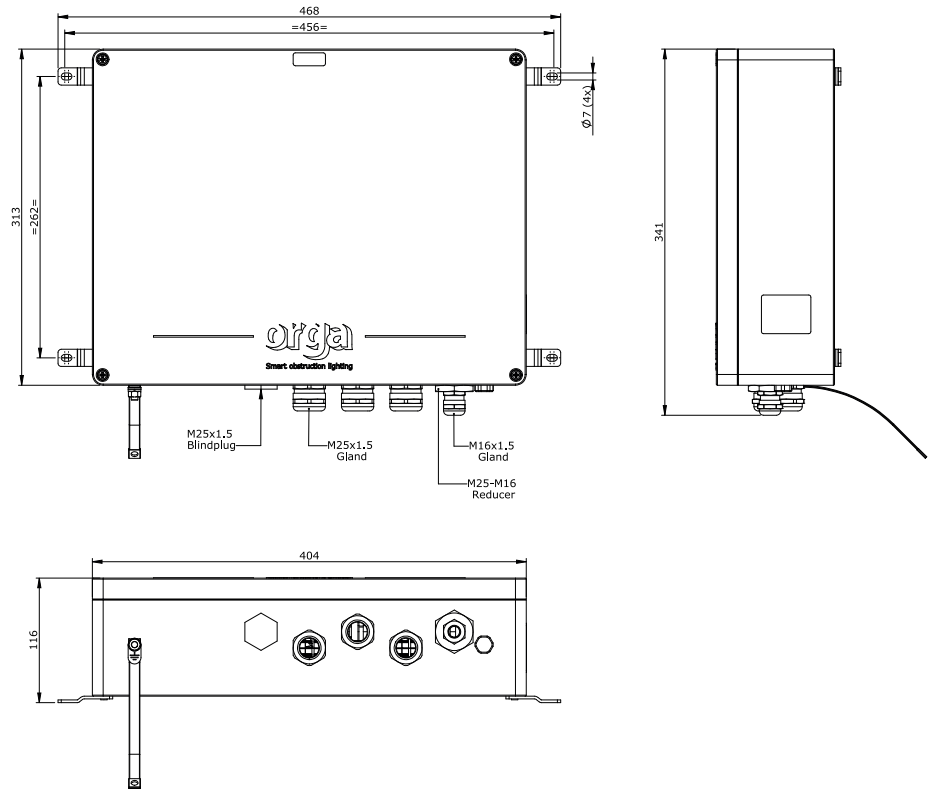
- Dimensions: see drawing
- Weight: 9kg
- Design degree of protection: IP65
- Operating temperature range: -40°C to +55°C
- AISi12 alloy painted enclosure
- Shipping information: 500 x 450 x 200 mm; 11kg

System design, control and monitoring

- The CIP300 can use the GPS synchroniser of a connected L450 light as the system synchroniser

CIP300-OT

Obstruction light system controller



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