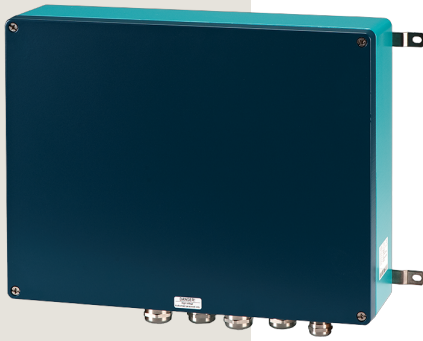


# CIP300-FGRST

Obstruction light system controller

**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 function facilities.**



## 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
- Instant ON facility for use with third party light activation systems
- I/O interface for control signals to provide a 10, 30 or 100% adjustable intensity control of connected obstruction lights
- Intensity step status output
- I/O interface for control signals to provide remote photocell override control
- 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

## Physical characteristics

- Dimensions: see drawing
- Weight: 9kg
- Design degree of protection: IP65
- Operating temperature range: -40°C to +55°C
- AlSi12 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
- The CIP300-FGRST can be used with Orga GPS020 multiple system flash synchroniser

# CIP300-FGRST

Obstruction light system controller

