MLC402-XX

Tower Light System Controller

The MLC402 is Orga's tower light system controller specifically designed for the wind industry. The smartly designed backplane with wiring interface terminals on a Printed Circuit Board (PCB) and dedicated modules create an easy to install and configure controller set-up. The prefixed connections increase reliability and the cost-efficient housing delivers a compact and flexible marker light controller.

KEY FEATURES

- Use in Orga Obstacle Light System with appropriate low intensity Tower Lights, in a system with a CIP402 controller and Aeronautical Obstruction Lights
- Integrated Over Voltage Protection
- No (internal) wires
- Connect up to 4 compatible tower lights, including IR functionalities
- Cost-efficient housing design, meeting C3 corrosion robustness
- Simple cable connection for easy installation
- Heated lighting control fixture optional available
- Supplied with EMC cable glands and blind plugs
- No maintenance during service life
- Two-year warranty

STANDARDS/CERTIFICATION

- Complies with generic EMI (NEN-EN-IEC 61000-6-2) and EMC (NEN-EN-IEC 61000-6-4) RF immunity and emission standards

PHYSICAL CHARACTERISTICS

- Dimensions: see table
- Weight: 4 kg
- Design degree of protection: IP65
- Operating temperature range: -40 °C to +55 °C
- Shipping dimensions: 220 x 350 x 130 mm, 4 kg

PERFORMANCE CHARACTERISTICS

- Individual light monitoring status reported on CIP controller
- Remote monitoring output for light status on CIP controller

ELECTRICAL CHARACTERISTICS

- Wide input voltage range 120-240 VAC nominal, 50-60 Hz
- Power consumption 5.5 W, excluding connected low intensity light
- Output voltage 24 Vdc
- Number of output channels: 4
- Overvoltage protection: Class III according to IEC61643-1

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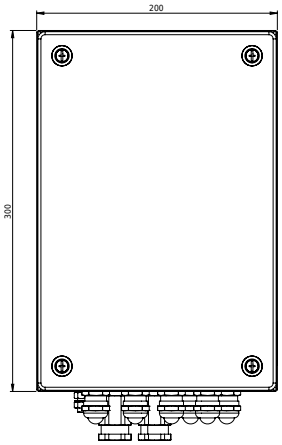
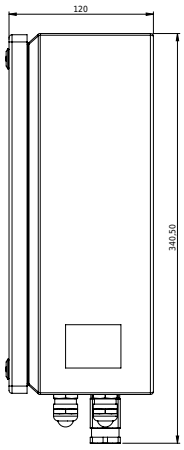
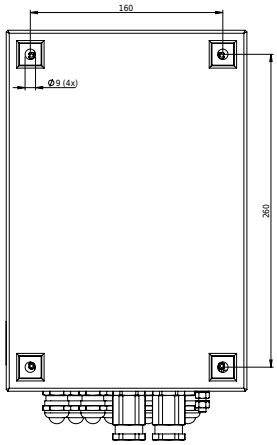
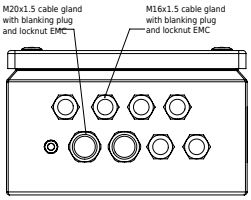
MLC type name	Length	Width	Height	Additional class 2 overvoltage protection
MLC402-22	200	341	123	
MLC400-22-R	212	341	123	V









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