

CTR04A Control Box

CTR04A control box is a microprocessor outdoor controller device for monitoring and controlling obstruction lights, mostly for telecom, GSM, Microwave and TV towers.

Connected with external photocell, the control panel will turn on/off automatically obstruction lighting system from dusk to dawn. Even at day time, the control panel is still in monitoring status.

CTR04 can be preprogrammed for different obstruction lighting configurations.

Features

MECHANICAL

- Aluminum alloy Enclosure, IP67, outdoor type, good corrosion resistance
- Circuit breaker switch, surge protection and terminal block are suitable for DIN rail mounting
- The enclosure door is secured by four captive screws
- Supplied with PG13.5 cable glands
- Four threaded mounting holes in the back of control box, suitable for attaching to any vertical surface or rack mounting.

ELECTRICAL

- Control up to four channels light output, each channel control up to four LED low intensity obstruction lights or one LED medium intensity beacon.
- Steady-burning and flashing mode adjustable by DIP switch
- Auto/manual mode by DIP switch
- Photocell with prewired shielded cable in five meters long
- Transfer relay for “service+standby” double obstruction light system
- LED indicator for lights, power, photocell operation status
- Dry contact alarm output for lights and power
- NO or NC alarm output contacts optional as customer alarm device type
- Overvoltage protection and MOV surge protection
- Circuit breaker protection and fuse protection

Specifications

Parameter	
Input Voltage	• 85-265VAC, 50/60HZ • 48VDC • 24VDC
Power consumption	10W
Flash rate	Steady-Burning/40FPM(default)
Photocell sensitivity	70/100Lux
Operating temperature range	-30 C --- +60 C
Enclosure	Aluminum alloy
Protection class	IP67
Dimension(HxWxDepth)	320x219x104mm
Weight	3.9kg

