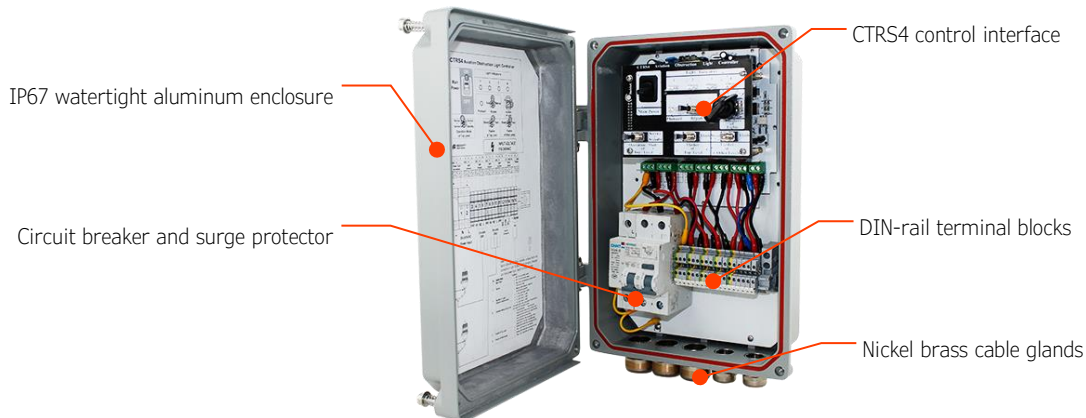


CTRS4CBSP Control Box for Obstruction Lights

Applicable for: OL32S, OL32D, OL100S, OL100D, OL200, OM2K, OM2C-D, F864



OVERVIEW

The CTRS4CBSP control box is used for controlling and monitoring RedDot LED low intensity and medium intensity aviation obstruction lights. The user-friendly interface is intuitive for users to monitor operation status and easily configure functions.

There are four light outputs (max. 1A load/output). Practically, for example, under 48VDC, each output connects one OM2K or F864 medium intensity light, or up to eight OL32/OL100 low intensity lights.

With a Form C dry alarm relay (NO&NC), the control box is capable of transmitting obstruction lighting system's failure to users' alarm devices, when light failure, power-off or photocell failure.

A PHC01 photocell is used for automatically switching on and off the obstruction lighting system from dusk to dawn. Bypass switch on interface panel allows users to bypass the photocell for permanently lightening or testing.

DIN-rail terminal blocks save wiring time and enhance wiring safety. A 2P circuit breaker is effective in protecting the controller from overload. A surge protector enhances protection against voltage fluctuation and lightning strikes.

FEATURES

- On/Off main power switch
- LED indicators for light, power and photocell
- "Service+Service"/"Service+Standby" adjustable when double lights used
- Four light-outputs, 1-4 selectable upon actual application
- Each light output load maximum 1A
- Steady/Flashing adjustable
- External photocell with prewired shielded cable, easy to maintain
- Bypass switch to photocell for testing or 24/7 operation
- One dry contact relay (From C, NO&NC) for alarm output of lights, power and photocell
- DIN-rail terminal blocks save wiring time and enhance wiring safety
- Circuit breaker against overload and shortcircuit
- Surge protector against voltage fluctuation and lightning strikes
- IP67 waterproof protection

APPLICABLE OBL MODELS

- OL32S, OL32D, OL100S, OL100D, OL200, OM2K, OM2C-D, F864



SPECIFICATIONS

Item		CTRS4CBSP Specifications
POWER SUPPLY	Input voltage	85-265VAC,50-60Hz / 48VDC / 24VDC / 12VDC
	Output voltage	Equal to input voltage
	Power Consumption	4W
OPERATION	Numbers of Light Output	4
	Max.Load/Output	1A
	Flash Rate	Steady/Flashing(20FPM), adjustable
	Photocell sensitivity	200Lux
	Photocell bypass	Auto/Manual adjustable
	Alarm type	Form C, NO & NC, dry contact relay
	Numbers of Alarm Output	1*contact relay for lights, power and photocell
MECHANICAL STRUCTURE	Enclosure Type	Outdoor
	Enclosure Material	Aluminum alloy
	Protection	IP67
	Weight	3.5KG
	Dimension (H*W*Depth)	320*218*105mm
	Operaton Temperature	-40°C~+60°C
	Operation Humidity	0-95% RH non-condensing
	Mounting	Wall mounting or U-bolt mounting

ORDERING CODE

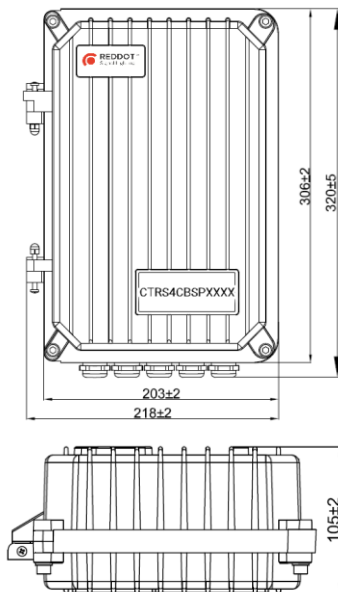
Series	Voltage	Numbers of lights on top
CTRS4CBSP	A220 (85-265VAC)	T1 (Note1)
	A120 (85-265VAC)	T2 (Note2)
	D48 (48VDC)	
	D24 (24VDC)	
	D12 (12VDC)	

Notes: 1) T1: one light is on top of a structure or the light functions differently from other lights, adjustable Service+Service/Service+Standby NOT applicable.

2) T2: two lights on top of structure or two lights functions coordinately but differently from other lights, adjustable Service+Service/Service+Standby applicable.

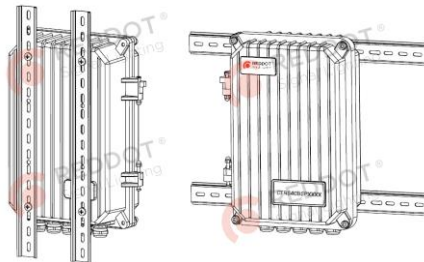
E.g.: CTRS4CBSPA220T1 = CTRS4CBSP outdoor control box, 85-265VAC, Service+Service/Service+Standby NOT applicable

DIMENSIONS



MOUNTING

Wall Mounting



U-bolt Mounting



APPLICATION EXAMPLES

- One low intensity double light and two low intensity single light, AC system (OL321D2SC-CTRS4CBSP-AC-A)

