



SMART OB-LIGHT CONTROLLER



- Design for obstruction light complied with ICAO standard and decommend practices design type A B*
- Control 1 to 4 obstruction lamp 24 Vdc, 48 Vdc (220 Vac option)
- User select operation mode, timer or photo sensor
- User select work pattern
- Individual lamp flashing setting
- Modular connection design with manual bypass switch

- Internal clock with battery backup (super capacitor option)
- Self-test and alarm report by 7-segments LED display
- LED status indicator for each obstruction lamp
- Easy operate by hot-key and function key
- Over / Under voltage protection
- Transient suppression to IEEE C62.41-1991 CAT C1.
- Remote alarm by dry contact, RS-232 (option), LAN (option)

SPECIFICATIONS

MODEL		LOC-2412	LOC-4812	LOC-244P	LOC-484P	LOC-484PM*	LOC-243P	LOC-483P
OPERATION VOLTAGE		24 Vdc	48 Vdc	24 Vdc	48 Vdc	48 Vdc	24 Vdc	48 Vdc
		220 Vac (for LOC - XXXX (A) model)						
INPUT VOLTAGE RANGE		21 - 29 Vdc	43 - 57 Vdc	21 - 29 Vdc	43 - 57 Vdc	43 - 57 Vdc	21 - 29 Vdc	43 - 57 Vdc
		220 Vac ± 20% (for LOC - XXXX (A) model)						
NUMBER OF CONTROLLER LAMP	Flashed (20-40 times/min.)	1	1	-	-	-	-	-
	Fixed	2	2	-	-	-	-	-
	Programmable pattern (each lamp)	-	-	4	4	4	3	3
CONTROLLER OPERATION MODE	Manual bypass	yes	yes	yes	yes	yes	yes	yes
	Programable timer	-	-	yes	yes	yes	yes	yes
	Photo sensor	yes	yes	yes	yes	yes	yes	yes
DISPLAY	LED for phto status	yes	yes	yes	yes	yes	yes	yes
	LED for alarm	yes	yes	yes	yes	yes	yes	yes
	LED for each lamp status	yes	yes	yes	yes	yes	yes	yes
	7- segments LED	-	-	yes	yes	yes	yes	yes
	Lamp function	-	-	yes	yes	yes	yes	yes
	Clock	-	-	yes	yes	yes	yes	yes
	Alarm report	-	-	yes	yes	yes	yes	yes
	LED for alarm	yes	yes	yes	yes	yes	yes	yes
ALARM FUNCTION		Over / Under current, Over / Under voltage, Photo failure						
TRANSIENT SUPPRESSION CATEGORY		ANSI / IEEE C62.41-1991 CAT C1: 6 kV / 3 kA						
REMOTE ALARM		Dry contact			Dry contact, RS-232 (option), LAN (option)			
PHYSICAL	Dimension (W x H x D)	20.0 x 30.0 x 12.0 cm. (30.0 x 35.0 x 12.0 cm. option)						
	Net weight	2 kg. (3 kg. option)						

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

International Civil Aviation Organization (ICAO) standard and Recommend Practices : Aerodromes Annex 14 - Volume 1,3rd Edition, July 1999, Chapter 6

*For LCO-484PM, the Lamp no.4 is redundancy of Lamp no.1

LEO ELECTRONICS CO.,LTD.

119/50-51 MOO 8 BANGNA-TRAD RD., BANGNA, BANGNA, BANGKOK 10260 THAILAND.

Tel. 66-2746-9500, 66-2746-8708 Fax. 66-2746-8712

http://www.leonics.com • e-mail : global_business@leonics.com



LEONICS CO.,LTD A5043 ISO 9001

ISO 14001 EMS 01007/045

LEN.BRO.OLC.081 Rev.6.00/2007