

Photocell & flasher for Obelux DC LED-Obstacle Lights

Key features

- Extremely reliable
- Very low power consumption
- One model for 12, 24 or 48 V DC operating voltages
- Optimized for Obelux LED Obstacle lights
- Suitable for solar cell applications
- Overvoltage protection

Electrical characteristics

- Switching current max. 8 A
- Current consumption (<3,5mA@12 V)
- Current consumption (<6mA @48V)
- Operating voltage range 12 to 59 V DC
- Terminals for 2.5 mm² wires

Photocell characteristics

- Turn on delay 1 s
- Turn off delay 200 s
- User selectable photocell sensitivity (bold = factory default)
OFF/200 lux / 400 lux / **800 lux**

Flash controller characteristics

- User selectable flashing rate (bold = factory default)
Steady burning / 20 fpm / 40 fpm / 60 fpm
- 250 ms flash duration

Other

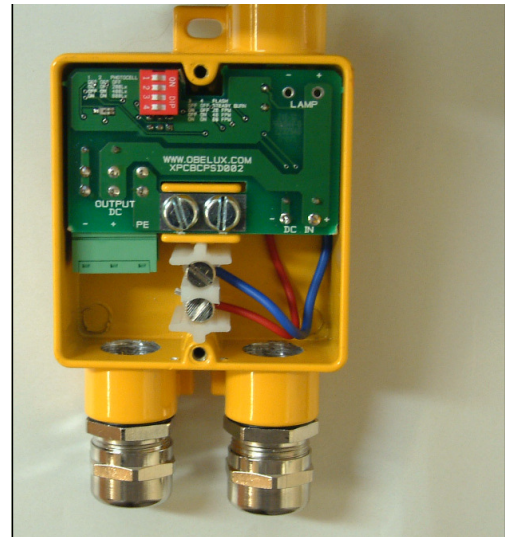
- Overvoltage protection
- Operating temperature range -55..+55 C
- Height 18 mm, width 25 mm, length 75 mm
- 5 year warranty

Order Codes for DC PCFL products

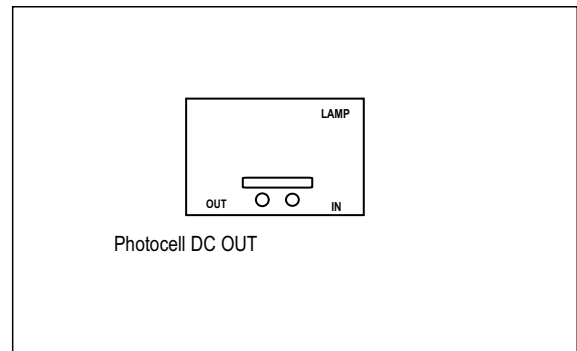
Stand alone photocell: **PCFL-DC1-TB**

One photocell can drive several light units

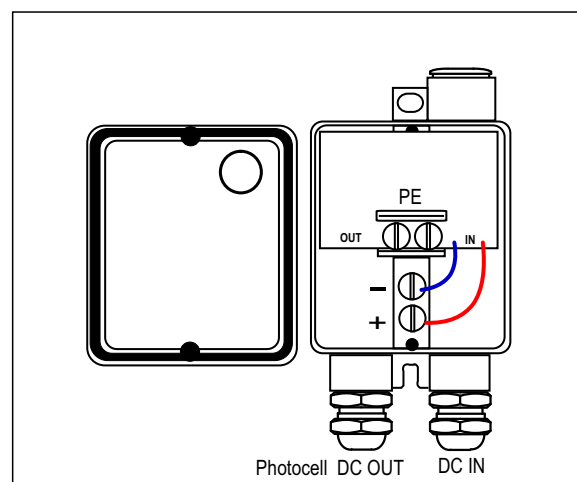
Made In Finland



DC operated photocell & flasher



PCFL-DC1-B photocell circuit board



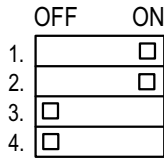
PCFL-DC1-TB stand alone photocell

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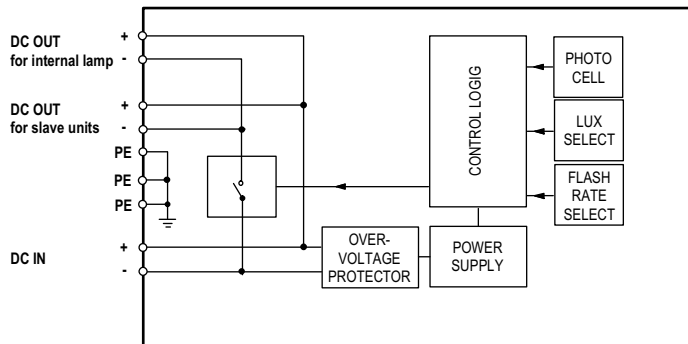
PCFL DIP switches

DIP1	DIP2	PHOTOCELL
OFF	OFF	OFF (light always ON)
ON	OFF	200 lux
OFF	ON	400 lux
ON	ON	800 lux



DIP3	DIP4	FLASH RATE
OFF	OFF	STEADY BURNING
ON	OFF	20 fpm
OFF	ON	40 fpm
ON	ON	60 fpm

Default DIP settings:
800 lux, steady burning



PCFL-DC1-B block diagram

