

TECHNICAL DETAILS

	ACBOX3512	PSBOX35-00	PSBOX75-00	PSBOX75-TW
AC INPUT (voltage range):	88-264 Vac			
OUTPUT:	12Vdc-3A	12Vdc-3A	12Vdc-6A	2x 12Vdc-6A
OPERATING TEMPERATURE:	-20 °C ÷ + 70 °C			
HARNESSED VERSION*:	NO	YES		
CONNECTIONS:	terminals	terminal blocks for cable connections		
REMOTE CONTROLLED STEERING:	NO	YES		
POWER ADJUSTMENT:	YES			
SEALED CABLE GLANDS:	1xPG11+2xPG7	1x PG11+4x PG7		
DIMENSIONS (WxHxL) mm:	108x60x160	135x75x200	135 x 90 x 270	
SAFETY STANDARDS:	UL60950-1, TUV EN 60950-1 approved			
EMC STANDARDS:	EN55022 class B / EN 61000-3-2,3 / EN 61000-4-2,3,4,5,6,8,11 / ENV50204 / EN61000-6-2 (EN50082-2) (35-150W)			
ILLUMINATORS:	IL200	IL200	IL300	IL400
Also for max:	2x IL100 2x IL150	2x IL100 2x IL150	2x IL200	2x IL300

WARNING! Please follow the right cable codes: **+ RED WIRE / - BLACK WIRE**

All *INFRALUX* illuminators are protected against reversed polarity. In case the connection wires are reversed, a red signalling LED which can be seen through the front cover, will automatically flash.

* Harnessed supply units make it possible to use a steering board that can turn the illuminator ON and OFF through a remote control. Both in case of automatic switch on through the illuminator photocell, and in case of remote INPUT, an OUTPUT is always available.

Another option is a pre-harnessed supply unit, provided in a sealed box with pre-installed cable glands.

PLEASE NOTE that standard switching supply units without sealed boxes are also available on request.



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INFRALUX

Supply Unit

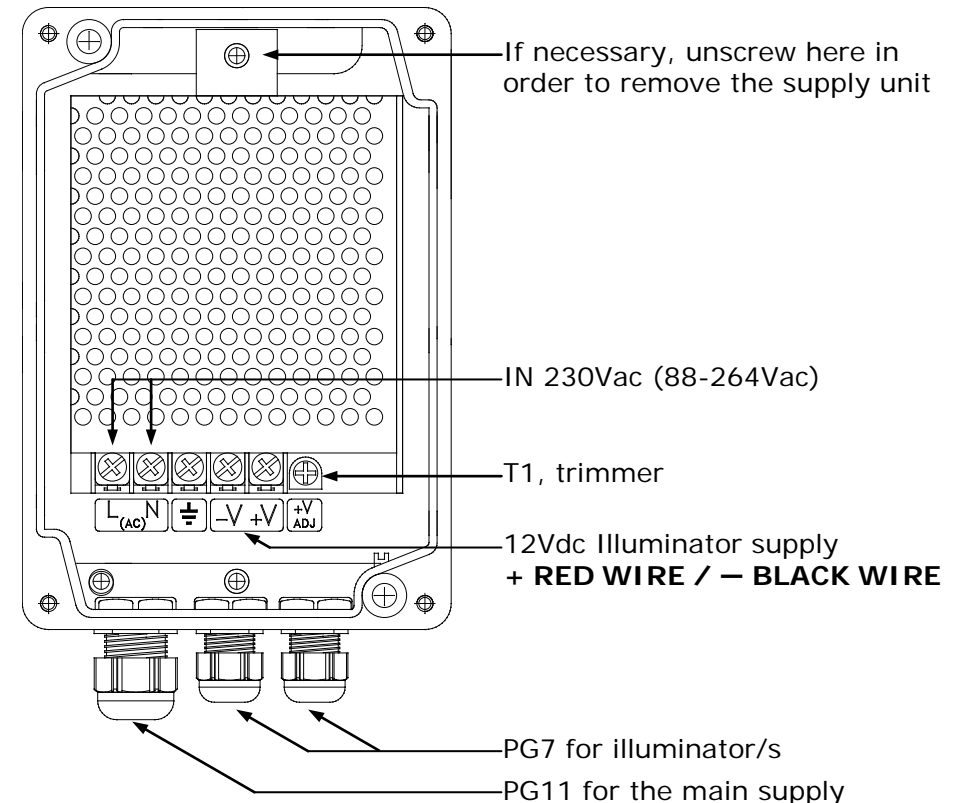
ACBOX3512 (IP65)

SWITCHING SUPPLY UNIT provided in a die-cast aluminium box, with 1x PG11+2x PG7 sealed cable glands.

Ideal for supplying n.1 IL200

It is also possible to use this unit to supply max.n.2 IL100 or n.2 IL150. In this case, make a parallel connection of the cables of the two illuminators to the switching terminals.

For IL150 and IL200 only: the luminance level of the illuminator can be adjusted by using the T1 trimmer of the switching unit. If two illuminators are connected, the luminance level will be the same for both. (it decreases when moved ANTI-CLOCK wise).



For pole mounting, please use the following option: ACBOX3512-PM

PSBOX35-00/PSBOX75-00 (IP65)

HARNESSED SUPPLY UNIT provided in a die-cast aluminium box, with 1x PG11+4x PG7 sealed cable glands.

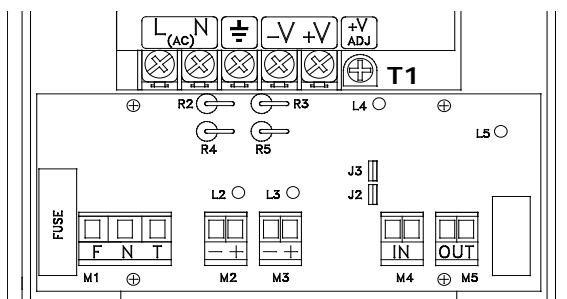
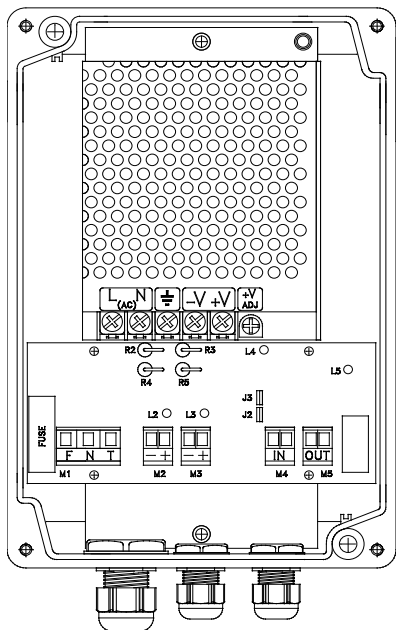
PSBOX35-00, for the supply of n.1 IL200

PSBOX75-00, for the supply of n.1 IL300

It is also possible to use these units to supply max n.2 IL100 and/or n.2 IL150 (PSBOX35-00) or n.2 IL200 (PSBOX75-00). In this case, connect the cables of both illuminators to the corresponding terminals (ILL1 to M2 - ILL2 to M3).

For IL150, IL200 and IL300 only: the luminance level of the illuminator can be adjusted by using a T1 trimmer. If two illuminators are connected, the luminance level will be the same for both (it decreases when moved ANTI-CLOCK wise). In case of remote steering*, when two illuminators are connected, the M4 control will turn both illuminators on; in case of AUTOMATIC switch, the first illuminator which is turned on will supply the output signal to M5.

* see PHOTOCCELL ADJUSTMENT on the *INFRALUX USER MANUAL*, page 6



- M1** 230Vac input (88-264Vac)
 - M2** 12Vdc supply for illuminator 1
 - M3** 12Vdc supply for illuminator 2 (if present)
 - M4** INput: NC/NO remote control*
 - M5** OUTput: NC/NO* automatic controlled (illuminator photocell) or M4 remote controlled output switching
 - T1** trimmer for illuminator luminance level adjustment (for IL150, IL200, IL300).
- * (NC=on, NO=off)

WARNING! Please follow the right cable codes:
+ RED WIRE / - BLACK WIRE

L2, on when the supply is on **M2** (ILL.1)

L3, on when the supply is on **M3** (ILL.2)

L4 on when the remote control is on **M4** (IN)

L5, on when the switching is on **M5** (OUT)

J2 (for M2) and **J3** (for M3), generally connected; please remove when the illuminator switch is remotely controlled with input on **M4**

R2 (for M2) and **R3** (for M3), cut the terminal/s when only IL100 and/or IL150 are connected to the corresponding output terminal block/s (**M2** and/or **M3**)

☞ For PSBOX35-00 pole mounting, please use the following option: ACBOX35-PM

☞ For PSBOX75-00 pole mounting, please use the following option: ACBOX75-PM

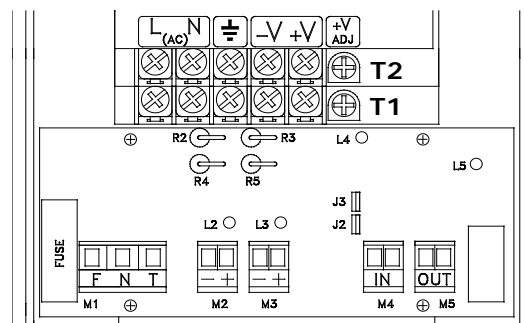
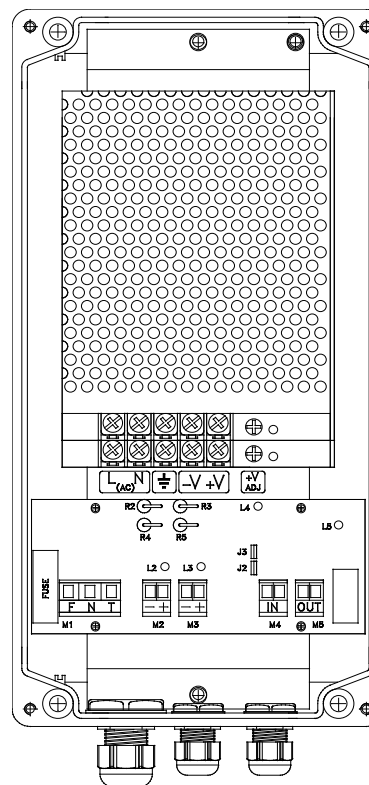
PSBOX75-TW (IP65)

HARNESSED SUPPLY UNIT provided in a die-cast aluminium box, with 1x PG11+4x PG7 sealed cable glands.

PSBOX75-TW, for the supply of n.1 IL400 (made of n.2 IL300 laid side by side).

The luminance level of each illuminator can be adjusted by using a T1 and T2 trimmer (it decreases when moved ANTI-CLOCK wise). In case of remote steering*, the M4 control will turn both illuminators on; in case of AUTOMATIC switch, the first illuminator which is turned on will supply the output signal to M5.

* see PHOTOCCELL ADJUSTMENT on the *INFRALUX USER MANUAL*, page 6



- M1** 230Vac input (88-264Vac)
 - M2** 12Vdc supply for illuminator 1
 - M3** 12Vdc supply for illuminator 2
 - M4** INput: NC/NO remote control*
 - M5** OUTput: NC/NO* automatic controlled (illuminator photocell) or M4 remote controlled output switching
 - T1** trimmer for illuminator 1 adjustment
 - T2** trimmer for illuminator 2 adjustment
- * (NC=on, NO=off)

WARNING! Please follow the right cable codes:
+ RED WIRE / - BLACK WIRE

L2, on when the supply is on **M2** (ILL.1)

L3, on when the supply is on **M3** (ILL.2)

L4 on when the remote control is on **M4** (IN)

L5, on when the switching is on **M5** (OUT)

J2 (for M2) and **J3** (for M3), generally connected; please remove when the illuminator switch is remotely controlled with input on **M4**

☞ For pole mounting, please use the following option: ACBOX75-PM