

Low voltage electronic ballast - L series (1x36W/2x18W)

Supply voltage (depending on the version): 12V AC/DC, 24V AC/DC, 36V AC/DC, 42V AC/DC, 48V AC/DC

Output load: 2 x 18W four pin fluorescent lamps (e.g. PL-L 18W-.../4P) or one 18...36W fluorescent lamp.

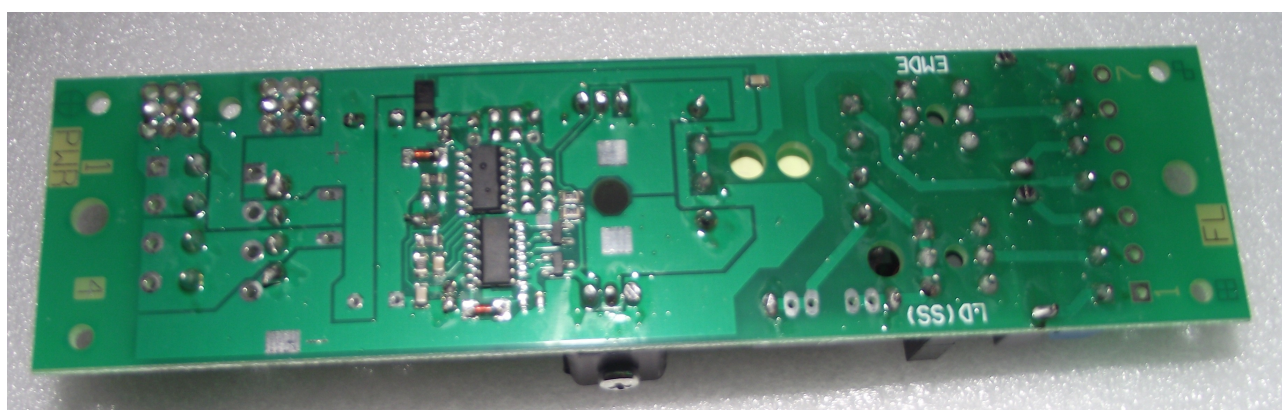
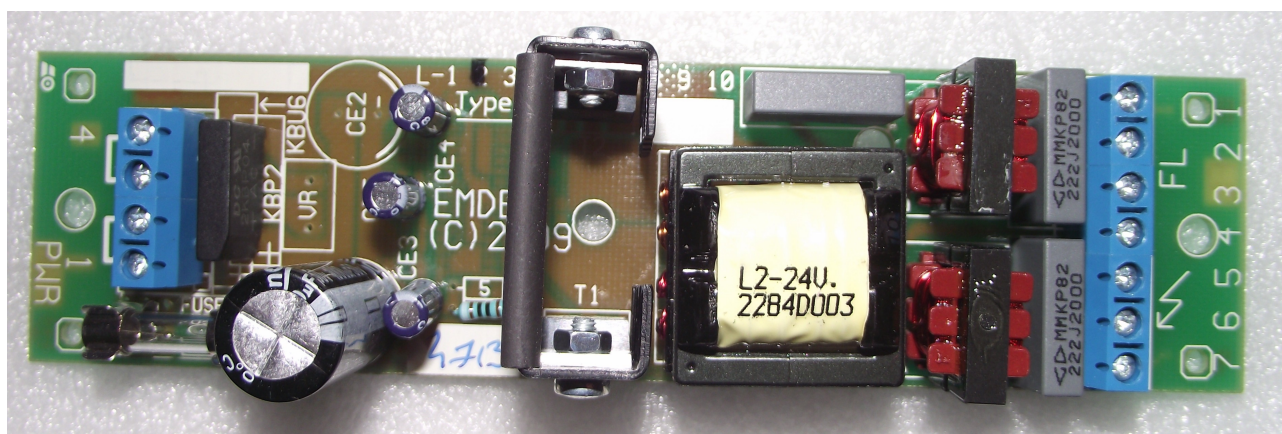
Output operating frequency - ca. 45KHz.

Hot start of the fluorescent lamp.

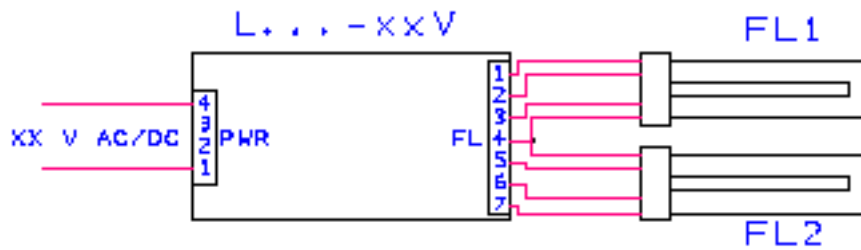
Protection fuse on the supply input.

Dimensions (length x width x height) – 152 x 39 x30 mm.

Mounting holes: dia. 4,5mm – 2 pcs.(pitch 13,9mm) and additionally dia. 3mm – 4pcs. (spacing 130mm long by 30,5mm wide).



Wiring diagram



PWR – AC/DC Supply

Terminals 1 and 2 are shorted together on the PCB. Similarly terminals 3 and 4 are shorted. This can help in assembling two or more ballasts in a single lamp housing.

FL – fluorescent lamps

Terminal 4 is common to both fluorescent lamps.

If you connect only one fluorescent lamp, it can be connected in place of fluorescent lamps FL1 or FL2.

Note:

Connecting any fluorescent lamp is possible if the supply voltage is switched off.

Versions of the electronic ballasts

No.	Supply voltage (AC/DC)	Type
1	12V	L1-12V
2	24V	L2-24V
3	36V	L3-36V
4	42V	L4-42V
5	48V	L5-48V