

Description

The LED Power Driver FE-LLD18350PF is designed for driving Light Emitting Diode (LED) lamps from a 220 - 240 VAC supply. The driver is a switch mode power supply design having a 2 channels constant current output of 350mA each.

An electronic protection circuit switches off the LED Power Driver in case of the following problems:

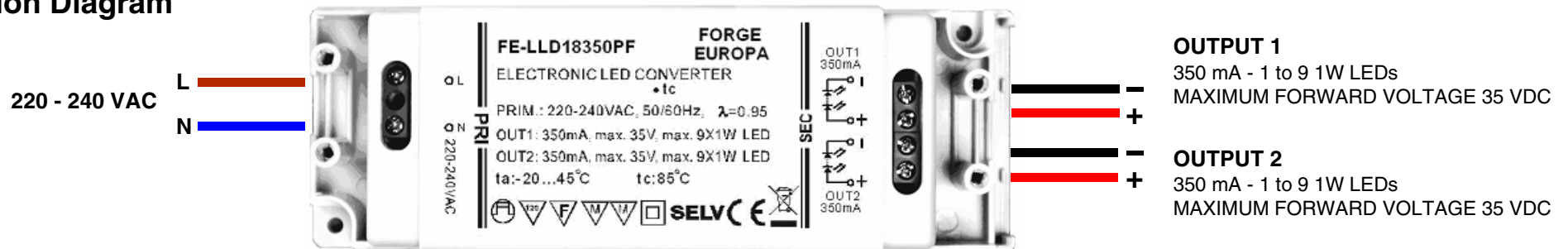
- Short circuit
- Open circuit
- Secondary circuit overload
- Thermal overload

After faults are removed the LED Power Driver is ready for operation.

Installation information

- The unit conforms to the following:
 - 2004/108/EC directive for electromagnetic compatibility
 - 73/23/EEC low voltage directive.
- The LED Power Driver is designed for used with LED lamps only.
- The LED Power Driver is only suitable for indoor use.
- The LED Power Driver should be prevented from over heating.
- The connected load must not fall below 1W or exceed 18W.
- Wire the LED lamps to the LED Power Driver with correct polarity according to the connection diagram.
- If the LED Power Driver is used for purposes other than originally intended or is connected incorrectly no liability can be taken for possible damages caused.

Connection Diagram



Specification

Characteristic	Condition	Symbol	Rating	Units
Input voltage range		V_{in}	220-240	VAC
Input frequency		f	50/60	Hz
Power output range		P_{och}	1 min - 18 max	W
Output current	Steady state	I_o	350 ±10%	mA
IP Rating			IP20	
Operating ambient temperature		T_a	-20 to +45	°C
Storage Temperature		T_s	-20 to +80	°C
Case temperature		T_c	+85 max	°C