

LiFud Power Supply 10 W, 180-265VAC/10-50VDC, 250 mA

Product codes:

Reference: AM5993

EAN13: -

UPC: 85044090

Product features:

Voltage: 10-50 V

Input voltage: 180-265 V AC

Output current: 250 mA

Performance: 10 W

Frequency: 50-60 Hz

Product attributes:

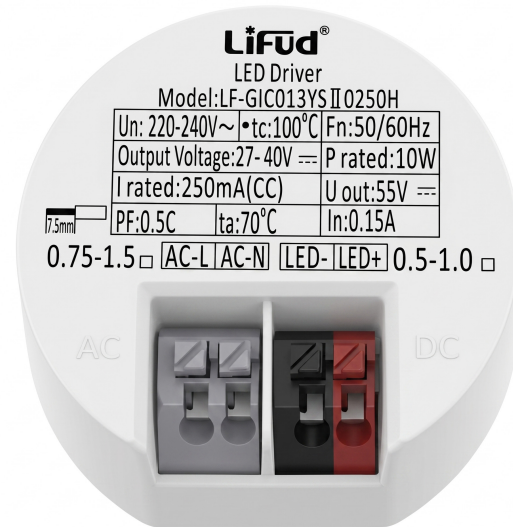
Product description:

LED driver for powering LED luminaires with a constant output current of 250 mA. It converts AC mains voltage to DC power for LED loads and is designed for integration into lighting applications with corresponding electrical parameters.

Technical Specifications

- Product type: LED driver for LED lighting
- Power: 10 W
- Output current: 250 mA
- Output type: Constant current
- Input voltage: 180–265 V AC
- Frequency: 50/60 Hz
- Rated voltage range: 10–50 V
- Design: Round housing with wire leads
- Housing dimensions: Diameter 42 mm, height 22 mm
- Input markings: L, N
- Output markings: LED+, LED-

Features and Properties



- Converts AC mains voltage to DC power for LED loads.
- The 250 mA constant current is designed for LED applications requiring a current source.
- Wire leads allow direct connection without a terminal block on the driver body.
- Output wires are differentiated by LED+ and LED- polarity.
- The round housing is suitable for installation in limited spaces within luminaires or installation cavities.

Ideal For

- LED panel lights with matching current and voltage ranges.
- Ceiling LED lights.
- LED downlights.
- Indoor LED lighting powered by constant current.

Package Contents

- 1x LED driver

Why Choose This Product

- The 10 W and 250 mA parameters match LED loads designed for current power supply.
- The 180–265 V AC input allows connection to standard mains installations within this range.
- Marked input and output wires facilitate correct wiring.
- The round, compact housing with direct wire leads simplifies integration into luminaires.

Installation and Operation Instructions

- Before installation, verify the compatibility of the output current, power, and voltage range with the connected LED load.
- Connect the input wires to the L and N terminals of the mains power supply.
- Connect the output wires to the LED load, ensuring correct LED+ and LED- polarity.
- Perform installation only when the power supply is disconnected.
- Installation may only be carried out by a person with appropriate electrical qualifications.

Safety Warnings

- The device operates on 180–265 V AC mains voltage; improper handling poses a risk of electric shock.
 - Do not connect an LED load with an incompatible current or voltage range.
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- Prevent short circuits on the output and damage to the wire insulation.
- Do not operate the power supply if it is mechanically damaged or has a broken housing.
- When integrating, ensure that live parts are not accessible and that excessive heating does not occur.

Product gallery:

