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Klever
by Kblue



Product Data-sheet

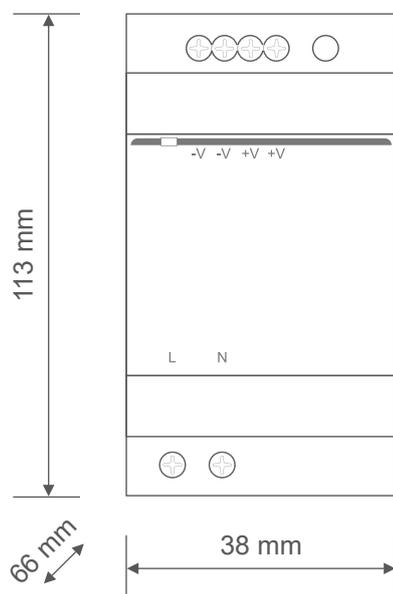
SWITCHING POWER SUPPLY
KB-POW60-3M

V. 02_01.02.19

1. Description

KB-POW60-3M is a power supply unit with stabilised DC output that is used to power circuit boards. It is adapted to be installed on mounting rails (EN 60715). It is equipped with constant current mode for overload protection, fitting various inductive or capacitive applications.

2. Dimensions



3. Technical specifications

- Input:
 - > Voltage 85÷264V ===
 - > Frequency 47/63Hz
 - > Current 1,2A/115V~ 0,8A/230V~
- Output:
 - > Voltage 12V ±1% ===
 - > Rated current 4,5A ±1%
 - > Rated power 54W
- Overload protection:
 - > 105÷160% rated output power
 - > Constant current limiting
- Output overload protection: 14,2÷16,2V ===
- Connections: removable screw terminals
- Operating temperature: from -30 to +70°C
- No load power consumption <0,3W
- Isolation class: II
- Dimensions: 113x66x38 mm (HxDxL)
- Weight: 188,6 g.

4. Warnings

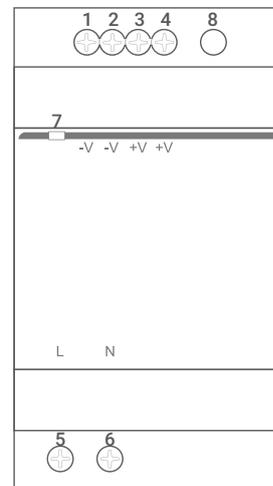
- The installation and maintenance must be performed only by qualified personnel.
- Before every maintenance operation and before accessing the internal parts of the unit, cut the power supply.

5. Module connection

KB-POW60-3M is directly powered by a 230V \sim power line through the connection to the terminals 6 (neutral) and 5 (line) in figure.

Terminals 3/4 and 1/2 are connected to each other and correspond to output terminals +V (+12V ---) and -V (gnd).

Number 7 is the blue signal LED while number 8 is the terminal for a more accurate adjustment of the output voltage (Vo ADJ 10.89/13.8V).



6. Alerts

In the front part of the module there is a LED that indicates the input voltage status.

	Safety warning The installation, commissioning and the regular maintenance of the product must be made by professionally qualified personnel, in compliance with national regulations and/or local requirements. The qualified installer must take all necessary measures, including the use of personal protection equipment, in order to ensure his/her own protection and the protection of third parties. The incorrect installation can cause damages to persons, animals or things for which Kblue s.r.l. cannot be held liable.
	Packaging disposal Cardboard boxes: selective collection of paper. Plastic and bubble-wrap bags: selective collection of plastic.
	Product disposal At the end of its lifespan, the product must be collected separately from other waste. However, the user should hand over the device, at the end of its lifespan, to proper selective electronic and electric waste collection centres or s/he should hand it over to the reseller upon the purchase of a new equivalent device, at a one to one ratio. The abusive disposal of the product by the user entails the application of sanctions pursuant to the Legislative decree 152/2006.

Other information
For further information, please refer to the website www.kblue.it or contact the technical service: +39 0445 315055 int. 2 | assistenza@kblue.it
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