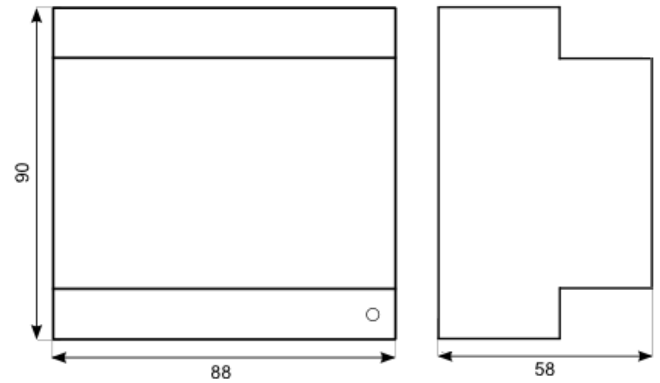
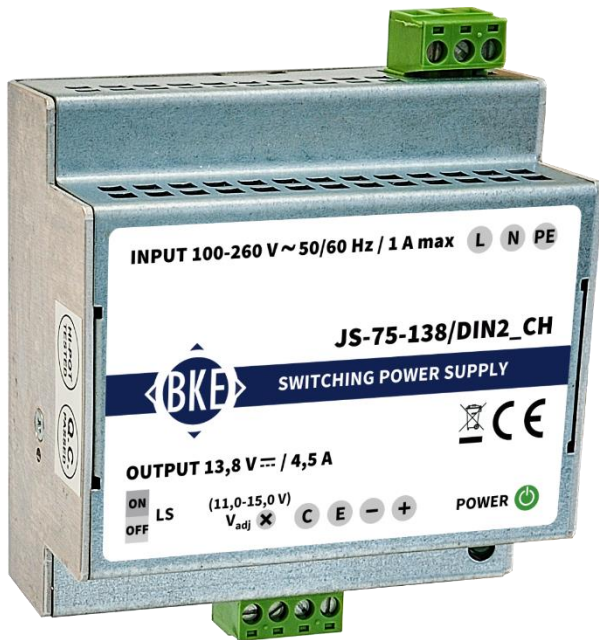


JS-75-138/DIN2_CH



DESCRIPTION

Switching power supply-charger AC/DC for supplying of electronic devices backed up by lead, NiCd or NiMH batteries. Output circuit SELV type. There is a possibility of parallel connection of two power supplies to increase the charging current or obtaining redundancy. Indication of operation by LED and optocoupler output. DIN35 rail mount.

TECHNICAL PARAMETERS

Input Data

Input voltage, DC	100 - 260 V AC (180-350 V DC) the output power must be reduced by 0,5 %/1 V at the input voltage below 150 V
Frequency of input	47-63 Hz (0 Hz in case of DC grid)
Input current, DC max.	0,4 A at 230 V AC (0,35 A at 220 V DC)
Input fuse	Yes (internal T 2 AH / 250 V AC)

Output Data

Output voltage	13,8 V DC (+/-3 %) (V adj. 11 -15 V DC)
Output current	4,5 A max.(current limit)
Charging characteristics	I/U
Output power	62 W
Short-circuit protection	Yes (auto resume), the battery must be externally secured (fuse T10 A)
Max. residual ripple	<150 mV
Recommended battery capacity	12 Ah to 60 Ah

General Data

Efficiency, max.	approx. 86 %
Max. power loss (nominal load)	approx. 10 W
Parallel operation	turn the LS switch to the ON position (integrated isolating diode at the output)
Impulse withstand	0,5 kV line to line, 0,5 kV line to case
Isolation	3 kV between primary and secondary (double insulation), 1,5 kV primary-frame
Cooling	natural (free air)
IP code	IP20



Weight	370 g
Material of enclosure	Al + FeZN sheet
Dimensions	90 x 88 x 58 mm
Class of protection	I.
Pollution degree	2
RoHS comply	Yes

Connection data

	Input	Output	Signalization
Number of terminals	3 (L,N,PE)	2 (+/-)	2 (C, E)
Wire cross-section			
Solid min/max	0,5/2,5 mm ² 20/13 AWG	0,5/2,5 mm ² 20/13 AWG	0,5/2,5 mm ² 20/13 AWG
Flexible min/max	0,5/2,5 mm ² 20/13 AWG	0,5/2,5 mm ² 20/13 AWG	0,5/2,5 mm ² 20/13 AWG
Tightening torque, min/max	0,5/0,6 Nm	0,5/0,6 Nm	0,5/0,6 Nm

Signal indication

Device working	LED green Optocoupler output, 35V / 10 mA open collector (C-collector, E-emitter)
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Environmental conditions

Operating temperature	-20 °C to 50 °C
Relative humidity (non-condensing)	10 % to 90 % RH
Installation altitude	<3000 m above sea level

The power supply is designed for continuous operation, overvoltage category in installation 3 according to EN 61010-1 and is resistant to short-circuit at the output.

TECHNICAL STANDARDS

Safety	EN 61204-7 ed.2
EMC	EN 61000-6-1 ed.2 EN 61000-6-3 ed.2

Limited warranty

5 years

PACKING AND STORAGE

The product is supplied bulk packaged, user's guide for each piece is included.
Storage temperature -25 to 70 °C, relative humidity < 80 % (not condensing). It is prohibited to expose the product to mechanical shocks and injurious gases.