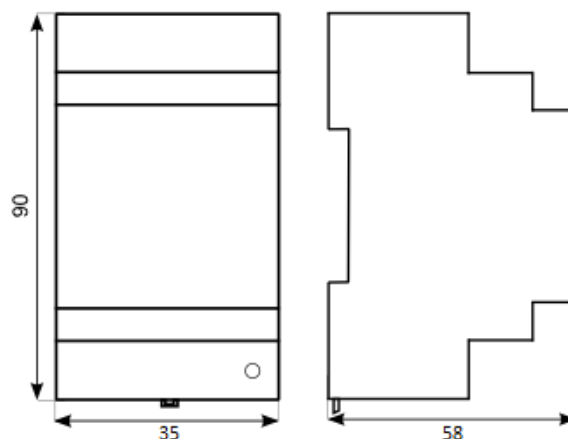


JS-15-120/DIN2



DESCRIPTION

Switching AC/DC power supply for powering electronic devices. Output circuit type SELV. Indication of operation by LED. DIN35 rail mount.

TECHNICAL PARAMETERS

Input Data

Input voltage, DC	115V/230 V AC (100-260 V AC)
Frequency of input	47-63 Hz
Input current, DC max.	300 mA/150 mA at 115V/230V AC
Input fuse	Yes (internal F 1 AH / 250 V AC)

Output Data

Output voltage	12 V DC (+/-5 %) including line and load regulation
Output current	1,2 A max.
Output power	14,5 W
Power derating	-2 %/°C from 40 °C to 50 °C ambient temperature.
Short-circuit protection	Yes (auto resume)
Max. residual ripple	<150 mV

General Data

Efficiency, max.	approx. 86 %
Max. power loss (nominal load)	approx. 2,2 W
Impulse withstand	0,5 kV line to line, 0,5 kV line to case
Isolation	3 kV between primary and secondary (double insulation)
Cooling	natural (free air)
IP code	IP20

Weight	110 g
Material of enclosure	NORYL
Dimensions	90 x 35 x 58 mm



Class of protection	II.
Pollution degree	2
RoHS comply	Yes

Connection data

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

Signal indication

Device working	LED green
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Environmental conditions

Operating temperature	-10°C to 50 °C
Relative humidity (non-condensing)	10% to 90 %RH
Installation altitude	<2000 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 61204-1 ed.2
EMC	EN 61000-6-1 ed.2
	EN 61000-6-3 ed.2

Limited warranty	5 years
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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.