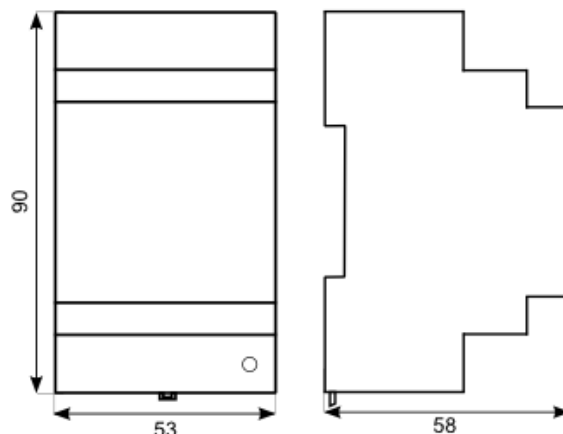


JS-30-120/DIN_KK



DESCRIPTION

High input voltage AC/DC power supply unit. Safe separation of primary and secondary circuits, secondary circuits SELV type. Input and output connections are solved using screw connectors. Indication of operation by LED. DIN35 rail mount.

TECHNICAL PARAMETERS

Input Data

Input voltage, DC	230 V AC (180-260 V AC, 180-350 V DC)
Frequency of input	47-63 Hz
Input current, DC max.	250 mA
Input fuse	Yes (internal T 1 AH / 250 V AC)

Output Data

Output voltage	12 V DC (+/-3 %) including line and load regulation
Output current	2,2 A max.
Output power	26,5 W
Power derating	-1 %/°C from 60 °C to 70 °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. 4,5 W
Impulse withstand	0,5 kV line to line, 0,5 kV line to case
Isolation	3 kV between primary and secondary (double insulation)
Insulation resistance	<20 MΩ
Cooling	natural (free air)
IP code	IP20

Weight	240 g
Material of enclosure	Al / Fe-Zn
Dimensions	90 x 53 x 58 mm



Class of protection	I.
Pollution degree	2
RoHS comply	Yes

Connection data

	Input	Output
Number of terminals	3 (N,GND,L)	4 (--,++)
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	-40°C to 70 °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 61204-1 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 -40 to 80 °C, relative humidity < 80 % (not condensing). It is prohibited to expose the product to mechanical shocks and injurious gases.