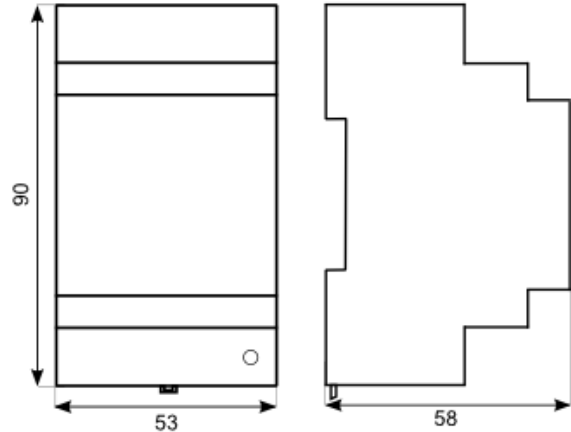


JS-30-120/DIN



DESCRIPTION

High input voltage AC/DC power supply unit. Safe separation of primary and secondary circuits, secondary circuits SELV type. 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	-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. 6 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	160 g
Material of enclosure	NORYL
Dimensions	90 x 53 x 58 mm
Class of protection	II.



Pollution degree 2
RoHS comply Yes

Connection data

	Input	Output
Number of terminals	3 (L,N,PE)	4 (++--)
Wire cross-section		
Solid min/max	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
Tightening torque, min/max	0,5/0,6 Nm	0,5/0,6 Nm

Signal indication

Device working LED green

Environmental conditions

Operating temperature -5°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 61204-1 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.