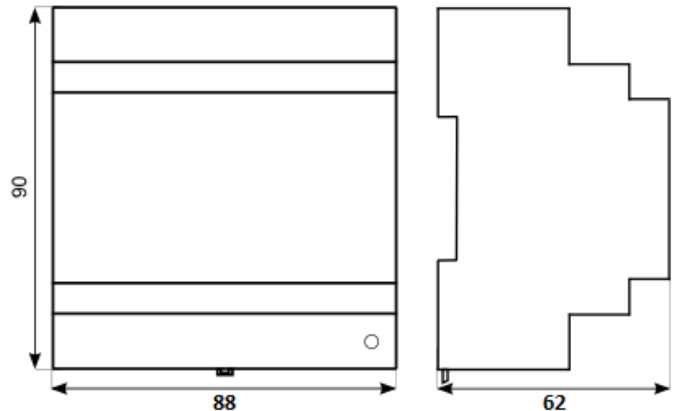


JS-20-240/DIN_BUF



DESCRIPTION

Switching AC/DC power supply for powering electronic devices with short-term output voltage backup (UPS function). Output circuit type SELV. Indication of operation by LED and signaling by closing the open collector. DIN35 rail mount.

TECHNICAL PARAMETERS

Input Data

Input voltage, DC	230 V AC (185-253 V AC)
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	24 V DC (+/- 5 %) including line and load regulation
Output current	0,9 A max.
Output power	20 W
Backup time (UPS function)	5 s (with output current 0,9 A and output voltage drop to 21,6 V)
Backup capacity	approx. 5 As (ampere seconds)
Short-circuit protection	Yes (auto resume)
Max. residual ripple	<150 mV

General Data

Efficiency, max.	approx. 86 %
Max. power loss (nominal load)	approx. 4 W
Impulse withstand	1 kV line to line, 2 kV line to case
Isolation	3 kV between primary and secondary (double insulation)
Insulation resistance	>50 MΩ
Cooling	natural (free air)
IP code	IP20

Weight	250 g
Material of enclosure	NORYL



Dimensions	90 x 88 x 62 mm
Class of protection	II.
Pollution degree	2
RoHS comply	Yes

Connection data

Number of terminals

Wire cross-section

Solid min/max

Flexible min/max

Tightening torque, min/max

Input

3 (N,GND,L)

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

20/13 AWG

0,5/0,6 Nm

Output

4 (--,++)

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

20/13 AWG

0,5/0,6 Nm

Indication

2(C,E)

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

20/13 AWG

0,5/0,6 Nm

Signal indication

Device working

Readiness for backup

LED green and indication C,E – connected(open collector 35V/10mA max.)

LED yellow

Environmental conditions

Operating temperature

Relative humidity (non-condensing)

Installation altitude

-20°C to 55 °C

10% to 80 %RH

<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

EMC

EN 61204-1 ed.2

EN 61000-6-1 ed.2

EN 61000-6-3 ed.2

Limited warranty**3 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 < 90 % (not condensing). It is prohibited to expose the product to mechanical shocks and injurious gases.