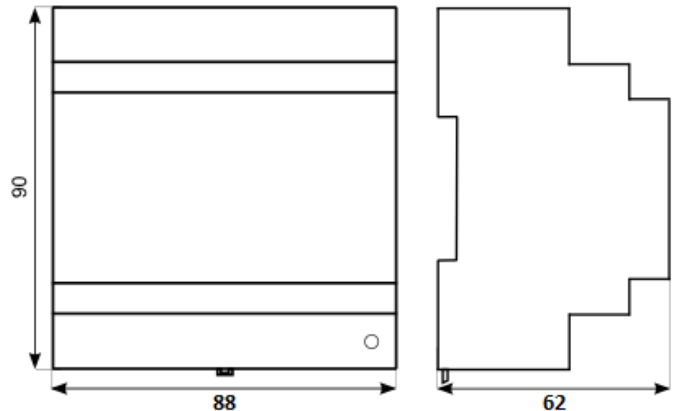


## JS-30-240/DIN\_BUF



### 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	1,25 A max.
Output power	30 W
Backup time (UPS function)	5 s (with output current 1,25 A and output voltage drop to 21,6 V)
Backup capacity	approx. 9 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. 5 W
Impulse withstand	1 kV line to line, 2 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	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 mm<sup>2</sup>

20/13 AWG

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/0,6 Nm

**Output**

4 (--,++)

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/0,6 Nm

**Indication**

2(C,E)

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/2,5 mm<sup>2</sup>

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

&lt;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****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 < 90 % (not condensing). It is prohibited to expose the product to mechanical shocks and injurious gases.