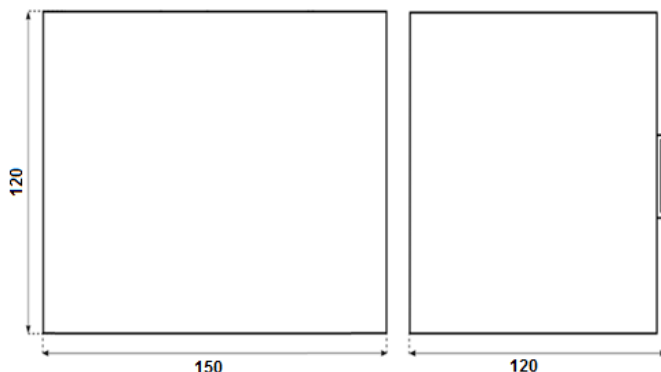


**JS-600-480/DIN****DESCRIPTION**

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	150-260 V AC
Frequency of input	47-120 Hz
Input current, DC max.	2,6 A at 230 V AC
Input fuse	Yes (internal T 10 AH / 250 V AC)

Output Data

Output voltage	48 V DC (adjustable 40-60 V DC)
Output current	10 A max.
Output power	540 W
Short-circuit protection	Yes (auto resume)
Max. residual ripple	<150 mV

General Data

Efficiency, max.	approx. 87 %
Max. power loss (nominal load)	approx. 72 W
Parallel connection of outputs	Yes (integrated isolating diode on the output and LS switch)
Impulse withstand	0,5 kV between L and N, 0,5 kV between L,N and frame
Isolation	4 kV between primary and secondary (double insulation), 2 kV primary-frame
Insulation resistance	>20 MΩ
Cooling	forced (fan with speed-dependent speed control)
IP code	IP20(clips IP00)

Weight	1600 g
Material of enclosure	Al + FeZn sheet
Dimensions	150 x 120 x 120 mm



Class of protection	I.
Pollution degree	2
RoHS comply	Yes

Connection data

	Input	Output	Indication
Number of terminals	3 (PE,N,L)	4 (+,-,+,-)	3(NO,COM,NC)
Wire cross-section			
Solid min/max	0,5/6 mm ² 20/9 AWG	0,5/6 mm ² 20/9 AWG	0,25/2,5 mm ² 23/13 AWG
Flexible min/max	0,5/4 mm ² 20/11 AWG	0,5/4 mm ² 20/11 AWG	0,25/2,5 mm ² 23/13 AWG
Tightening torque, min/max	0,5/0,6 Nm	0,5/0,6 Nm	0,5/0,6 Nm

Signal indication

Device working	LED green and relay contact (connected COM, NO)
Failure	LED red and relay contact (connected NC, COM)

Potential-free relay – In operation connector

Max. current (connector)	6 A
Max. switching voltage	250 V AC
Max. switching load	1500 VA
Hi-pot test on connector	4000 V AC

Environmental conditions

Operating temperature	-20 °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 61204-7 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.