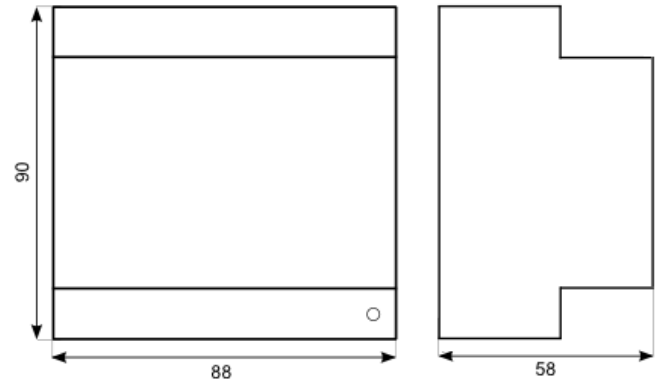


JS-75-480/DIN2



DESCRIPTION

High input voltage AC/DC power supply unit. Safe separation of primary and secondary circuits, secondary circuits SELV type. There is a possibility of parallel connection of two or more power supplies. Indication of operation by LED. DIN35 rail mount.

TECHNICAL PARAMETERS

Input Data

Input voltage, DC	100 - 260 V AC (180-350 V DC) the output power must be reduced by 0,5 %/1 V at the input voltage below 150 V
Frequency of input	47-63 Hz (0 Hz in case of DC grid)
Input current, DC max.	0,4 A at 230 V AC (0,35 A at 220 V DC)
Input fuse	Yes (internal T 2 AH / 250 V AC)

Output Data

Output voltage	48 V DC (+/-3 %) (V adj. 46 -55 V DC)
Output current	1,6 A max.
Output power	77 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. 12 W
Parallel operation	turn the LS switch to the ON position (integrated isolating diode at the output)
Impulse withstand	0,5 kV line to line, 0,5 kV line to case
Isolation	3 kV between primary and secondary (double insulation), 1,5 kV primary-frame
Cooling	natural (free air)
IP code	IP20
Weight	370 g
Material of enclosure	Al + FeZN sheet



Dimensions	90 x 88 x 58 mm
Class of protection	I.
Pollution degree	2
RoHS comply	Yes

Connection data	Input	Output	Signalization
Number of terminals	3 (L,N,PE)	2 (+/-)	2(C, E)
Wire cross-section			
Solid min/max	0,5/2,5 mm ² 20/13 AWG	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	0,5/2,5 mm ² 20/13 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 Optocoupler output, 35V / 10 mA open collector (C-collector, E-emitter)
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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**

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.