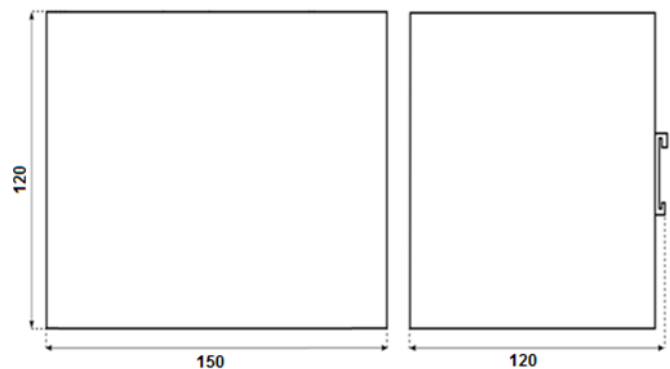


## SS-600-240/DIN\_20-35V



### DESCRIPTION

Switching power supply DC/DC SS-600-240/DIN\_20-35 V is designed to power electronic devices. The input and output circuits are galvanically separated. Mounting on a DIN35 rail. LED operation indication and relay contacts.

### TECHNICAL PARAMETERS

#### Input Data

Input voltage	20-35 V DC
Input current	34 A at 20 V DC
Input fuse	Yes (internal fuse T40 A)

#### Output Data

Output voltage	24 V DC (nastavitelné 20-30 V DC)
Output current	25 A max.
Output power	600 W
Short-circuit protection	Yes (auto resume)
Max. residual ripple	<150 mV

#### General Data

Efficiency, max.	approx. 88 %
Max. power loss (nominal load)	approx. 120 W
Impulse withstand	0.5 kV between + and -, 0,5kV between +, - and frame
Electrical strength primary - secondary	4 kV between primary and secondary (double insulation), 1.5 kV primary-frame
Insulation resistance	>20 M $\Omega$
Cooling	forced ((controlled fan speed)
IP code	IP20

Weight	1600 g
Material of enclosure	Metal plate (Aluminium+Fe/Zn)
Dimensions	150 x 120 x 120 mm ( including DIN35 rail)
Class of protection	III.
Pollution degree	2
RoHS comply	Yes

**Connection data**

	<b>Input</b>	<b>Output</b>	<b>Signal</b>
Number of terminals	3(PE,-,+)	4(++,-)	3 (NO,COM,NC)
Wire cross-section			
Solid min/max	0,5/6 mm <sup>2</sup> 20/10 AWG	0,5/6 mm <sup>2</sup> 20/10 AWG	0,25/1,5 mm <sup>2</sup> 20/15 AWG
Flexible min/max	0,5/4 mm <sup>2</sup> 20/10 AWG	0,5/4 mm <sup>2</sup> 20/10 AWG	0,25/1,5 mm <sup>2</sup> 20/15 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 changeover contact (connected COM, NC)

**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 61000-6-2 ed. 2 EN 61000-6-3 ed. 2

**Limited warranty****5 years****PACKING AND STORAGE**

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 product to a mechanical shocks and injurious gases.