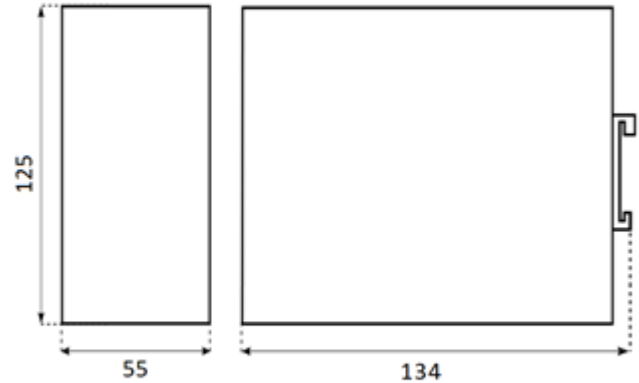


SS-150-480/DIN2_20-32V



DESCRIPTION

Switching DC/DC power supply for powering electronic devices. Galvanic separation of input and output circuits, output circuit type SELV. Mounting on DIN35 rail. LED operation indication.

TECHNICAL PARAMETERS

Input Data

Input voltage, DC	20-32 V DC
Input current, DC max.	10 A max at 20 V DC
Input fuse	Yes (internal T 10 A/32 V DC)

Output Data

Output voltage	48 V DC (V adj. +/-5%)
Output current	3 A max.
Output power	144 W
Short-circuit protection	Yes (auto resume)
Max. residual ripple	<150 mV

General Data

Efficiency, max.	approx. 89 %
Max. power loss (nominal load)	approx. 22 W
Impulse withstand	0,5 kV between + and -, 0,5 kV between +, - and case
Electrical strenght primary- secondary	4 kV hi-pot test, double insulation
Cooling	natural (free air)
IP code	IP20 (terminal blocks IP00)

Weight	800 g
Material of enclosure	Metal plate (Aluminium+Fe/Zn)
Dimensions	55 x 125 x 134 mm
Class of protection	I.
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

4(PE, -, -, +)
0,5/2,5 mm²
0,5/2,5 mm²
0,5/0,6 Nm

Output

4(+, -, NC, -)
0,5/2,5 mm²
0,5/2,5 mm²
0,5/0,6 Nm

Signalization

2 (E, C)
0,5/1,5 mm²
0,5/1,5 mm²
0,5/0,6 Nm

Signal indication

Device working LED green + optocoupler (E, C; open collector, separation 5 kV AC, load 300 V/0.1 A)

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 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

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.