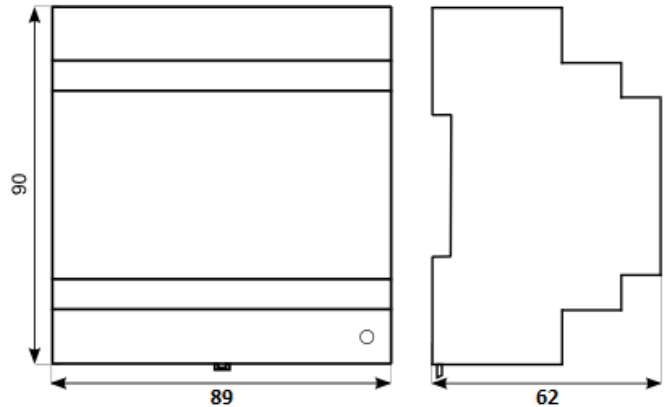


SS-75-120/DIN2 36-72V



DESCRIPTION

Switched DC/DC converter with galvanically separated output circuits, designed for powering electronic devices. . Mounting on DIN35 rail. Indication of operation by LED.

TECHNICAL PARAMETERS

Input Data

Input voltage, DC	36-72 V DC
Input current, DC max.	2,5 A
Input fuse	Yes (internal T 4 AH / 250 V AC)

Output Data

Output voltage	12 V DC (adjustable from 11 to 14 V)
Output current	5,8 A max.
Output power	70 W
Power derating	-2 %/°C from 40 °C to 50 °C ambient temperature.
Short-circuit protection	Yes (auto resume)
Max. residual ripple	<100 mV

General Data

Efficiency, max.	approx. 87 %
Max. power loss (nominal load)	approx. 10 W
Impulse withstand	0,5 kV between + and -, 0,5 kV between +,- and case
Electrical strenght	4 kV between primary and secondary
Cooling	natural (free air)
IP code	IP20

Weight	270 g
Material of enclosure	NORYL
Dimensions	90 x 89 x 62 mm
Class of protection	III.
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

2 (+,-)

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

20/13 AWG

0,5/0,6 Nm

Output

4 (-,+)

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

20/13 AWG

0,5/0,6 Nm

Signalization

2 (C,E)

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

20/13 AWG

0,5/0,6 Nm

Signal indication

Device working

LED green

optocoupler output, 35V / 10 mA open collector (C-collector, E-emitter)

Environmental conditions

Operating temperature

-20°C to 50 °C

Relative humidity (non-condensing)

10% to 90 %RH

Installation altitude

<2000 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.