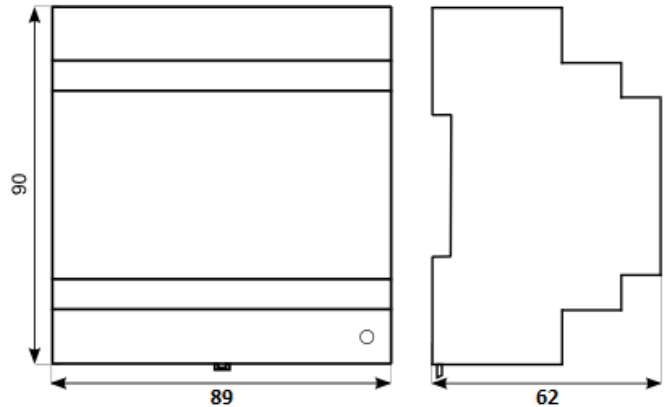


SS-75-480/DIN2_18-36V



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 18-36 V DC
 Input current, DC max. 5 A
 Input fuse Yes (internal T 4 AH / 250 V AC)

Output Data

Output voltage 48 V DC (adjustable from 47 to 58 V)
 Output current 1,5 A max.
 Output power 72 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

Input

2 (+,-)

Output

4 (-,+)

Signalization

2 (C,E)

Wire cross-section

Solid min/max

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

20/13 AWG

Flexible min/max

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

20/13 AWG

0,5/2,5 mm²

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)

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.