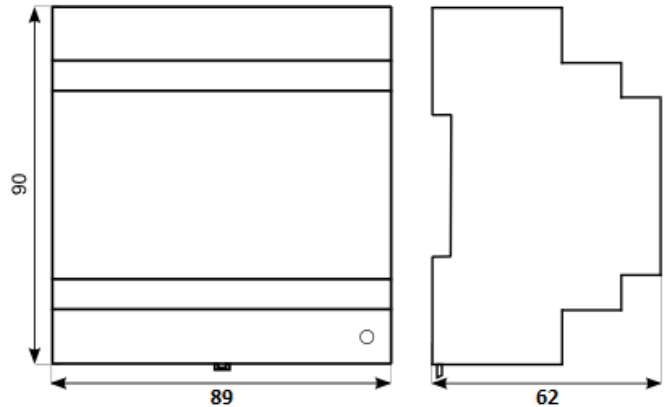


**SS-75-240/DIN2 18-36V**



**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 24 V DC (adjustable from 22 to 30 V)  
 Output current 3 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

Wire cross-section

Solid min/max

Flexible min/max

Tightening torque, min/max

**Input**

2 (+,-)

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/0,6 Nm

**Output**

4 (-,+)

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/0,6 Nm

**Signalization**

2 (C,E)

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/2,5 mm<sup>2</sup>

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.