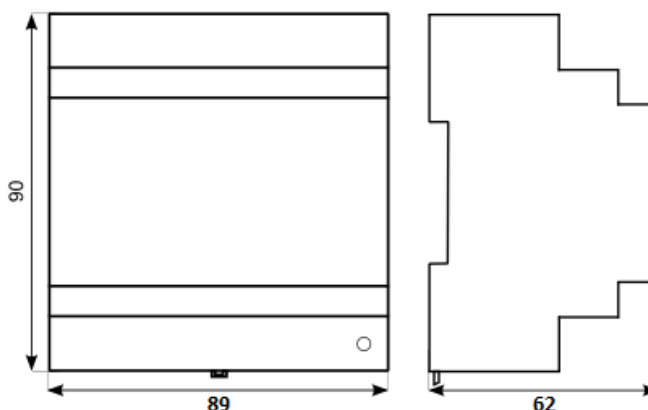


SS-75-240/DIN2_80-135V



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	80-135 V DC
Input current, DC max.	1 A
Input fuse	Yes (internal T 2 AH / 250 V)

Output Data

Output voltage	24 V DC (adjustable from 22,5V to 30,5 V)
Output current	3 A max.
Output power	72 W
Power derating	-2 %/°C from 40 °C to 55 °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	Input	Output	Signalization
Number of terminals	2 (+,-)	4 (-,+)	2 (C,E)
Wire cross-section			
Solid min/max	0,5/2,5 mm ² 20/13 AWG	0,5/2,5 mm ² 20/13 AWG	0,5/2,5 mm ² 20/13 AWG
Flexible min/max	0,5/2,5 mm ² 20/13 AWG	0,5/2,5 mm ² 20/13 AWG	0,5/2,5 mm ² 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 55 °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.