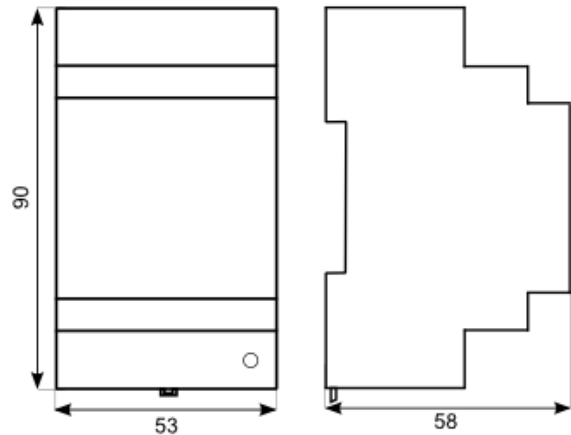
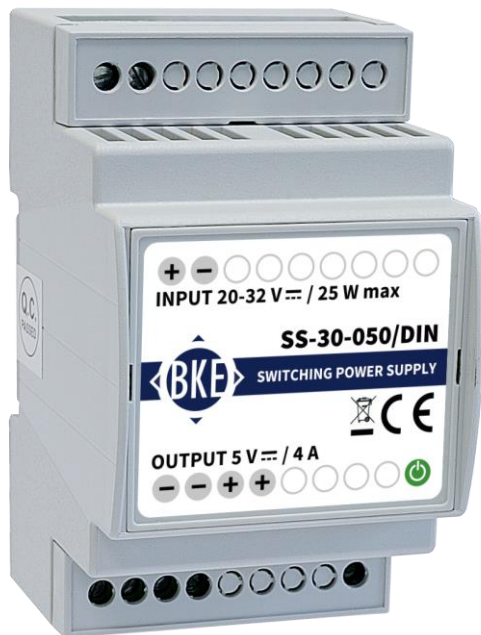


SS-30-050/DIN 20-32V



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 20-32 V DC
 Input current, DC max. 1,3 A
 Input fuse Yes (internal T 4 AH / 250 V AC)

Output Data

Output voltage 5 V DC (+/- 5 %) including line and load regulation
 Output current 4 A
 Output power 20 W
 Power derating -2 %/°C from 40 °C to 50 °C ambient temperature.
 Short-circuit protection Yes (auto resume)
 Max. residual ripple <150 mV

General Data

Efficiency, max. approx. 85 %
 Max. power loss (nominal load) approx. 3,5 W
 Impulse withstand 0,5 kV between + and -, 0,5 kV between +,- and case
 Electrical strenght 0,5 kV between primary and secondary
 Cooling natural (free air)
 IP code IP20

Weight 160 g
 Material of enclosure NORYL
 Dimensions 90 x 53 x 58 mm
 Class of protection III.
 Pollution degree 2



RoHS comply

Yes

Connection data

Number of terminals

Input

2 (+,-)

Output

4 (-,+)

Wire cross-section

Solid min/max

0,5/2,5 mm²0,5/2,5 mm²

20/13 AWG

20/13 AWG

Flexible min/max

0,5/2,5 mm²0,5/2,5 mm²

20/13 AWG

20/13 AWG

Tightening torque, min/max

0,5/0,6 Nm

0,5/0,6 Nm

Signal indication

Device working

LED green

Environmental conditions

Operating temperature

-5°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, 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.