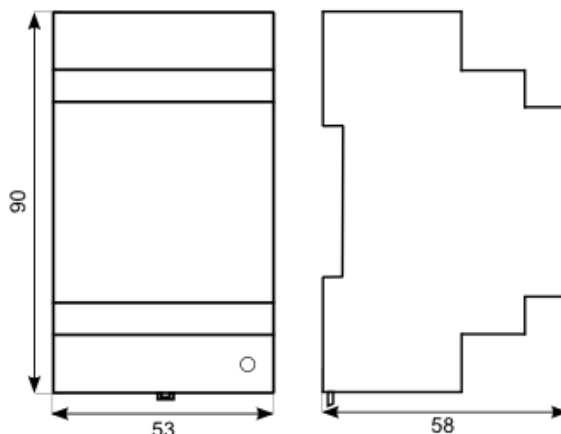
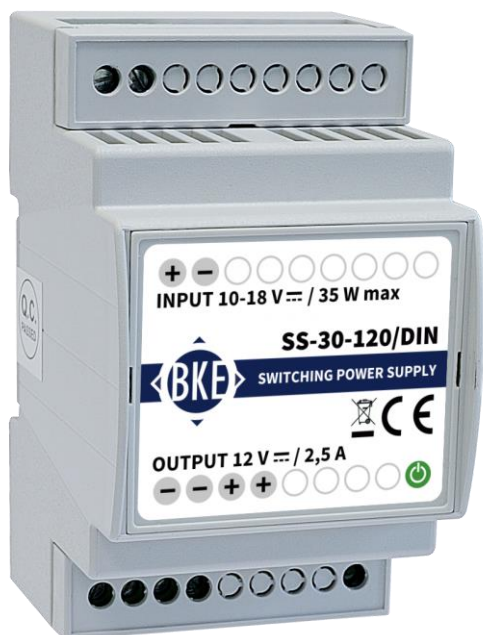


SS-30-120/DIN 10-18V



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	10-18 V DC
Input current, DC max.	3,5 A
Input fuse	Yes (internal T 4 AH / 250 V AC)

Output Data

Output voltage	12 V DC (+/- 5 %) including line and load regulation
Output current	2,5 A max.
Output power	30 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. 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.