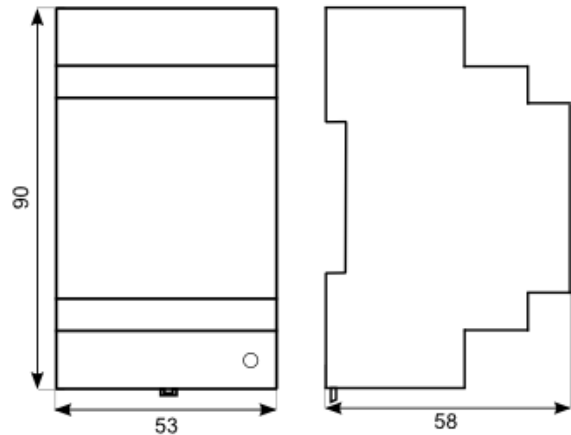
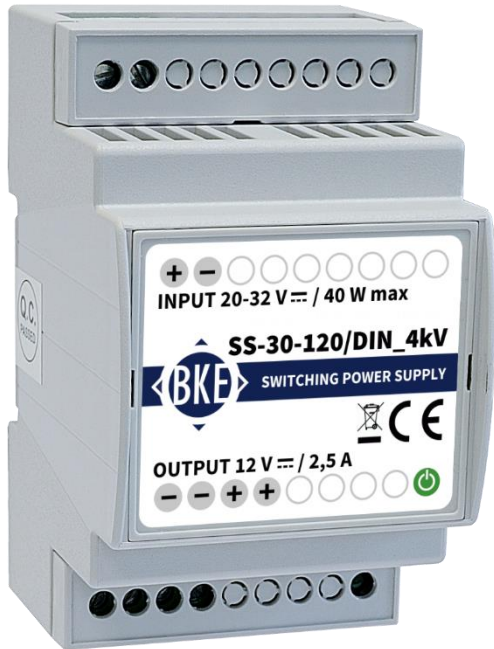


SS-30-120/DIN 20-32V_4kV



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.	2 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

	Input	Output
Number of terminals	2 (+,-)	4 (-,+)
Wire cross-section		
Solid min/max	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
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.