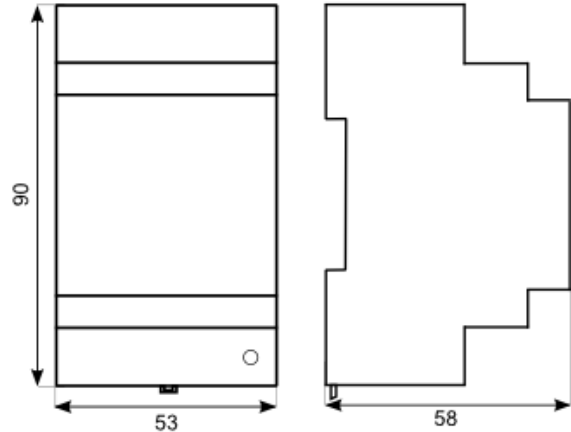
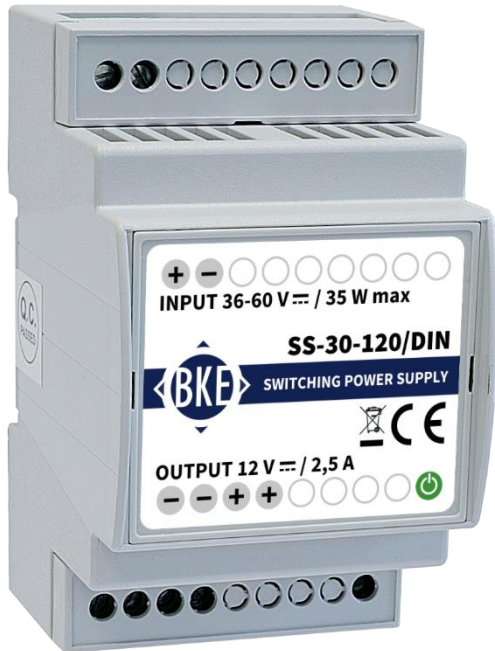


**SS-30-120/DIN 36-60V**



**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	36-60 V DC
Input current, DC max.	1 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**

	<b>Input</b>	<b>Output</b>
Number of terminals	2 (+,-)	4 (-,++)
Wire cross-section		
Solid min/max	0,5/2,5 mm <sup>2</sup> 20/13 AWG	0,5/2,5 mm <sup>2</sup> 20/13 AWG
Flexible min/max	0,5/2,5 mm <sup>2</sup> 20/13 AWG	0,5/2,5 mm <sup>2</sup> 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.