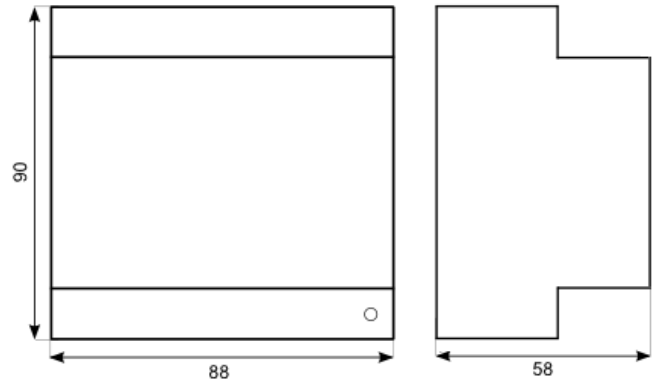
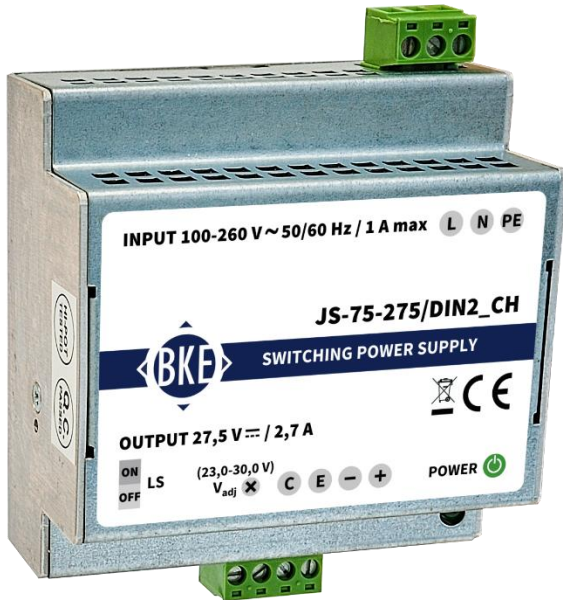


## JS-75-275/DIN2\_CH



### DESCRIPTION

Switching power supply-charger AC/DC for supplying of electronic devices backed up by lead, NiCd or NiMH batteries. Output circuit SELV type. There is a possibility of parallel connection of two power supplies to increase the charging current or obtaining redundancy. Indication of operation by LED and optocoupler output. DIN35 rail mount.

### TECHNICAL PARAMETERS

#### Input Data

Input voltage, DC	100 - 260 V AC (180-350 V DC) the output power must be reduced by 0,5 %/1 V at the input voltage below 150 V
Frequency of input	47-63 Hz (0 Hz in case of DC grid)
Input current, DC max.	0,4 A at 230 V AC (0,35 A at 220 V DC)
Input fuse	Yes (internal T 2 AH / 250 V AC)

#### Output Data

Output voltage	27,5 V DC (+/-3 %) (V adj. 23 -30 V DC)
Output current	2,7 A max. (current limit)
Charging characteristics	I/U
Output power	74 W
Short-circuit protection	Yes (auto resume), the battery must be externally secured (fuse T6,3 A)
Max. residual ripple	<150 mV
Recommended battery capacity	7,2 Ah to 32 Ah

#### General Data

Efficiency, max.	approx. 86 %
Max. power loss (nominal load)	approx. 12 W
Parallel operation	turn the LS switch to the ON position (integrated isolating diode at the output)
Impulse withstand	0,5 kV line to line, 0,5 kV line to case
Isolation	3 kV between primary and secondary (double insulation), 1,5 kV primary-frame
Cooling	natural (free air)
IP code	IP20



Weight	370 g
Material of enclosure	Al + FeZN sheet
Dimensions	90 x 88 x 58 mm
Class of protection	I.
Pollution degree	2
RoHS comply	Yes

**Connection data**

Number of terminals

Wire cross-section

Solid min/max

Flexible min/max

Tightening torque, min/max

**Input**

3 (L,N,PE)

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/0,6 Nm

**Output**

2 (+/-)

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/0,6 Nm

**Signalization**

2(C, E)

0,5/2,5 mm<sup>2</sup>

20/13 AWG

0,5/2,5 mm<sup>2</sup>

20/13 AWG

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 50 °C

Relative humidity (non-condensing)

10 % to 90 % RH

Installation altitude

&lt;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.