

**MCS-B Power supply 1-phase, primary switched IN: 90-265VAC OUT: 24V/1,3ADC**

INPUT: 90...265 V AC

OUTPUT: 24 V DC

Current: 1.3 A

**Image**

- stable output voltage, short-circuit and overload protected
- Wide voltage input
- touch protected (EN 60529) IP20

Vicarious picture

**Approvals****Input**

Voltage range	90...265 V AC; 110...300 V DC
Input current	0.65 A (100 V AC); 0.37 A (230 V AC)
Inrush current after 1 ms	max. 20 A
External fuse	max. 10 A
Frequency	50/60 Hz

**Output**

Output voltage	24 V DC (SELV), +3/-1 %
Output current	1.3 A (+60 °C, U <sub>in</sub> ≥ 170 V AC)
Efficiency	82 %
Hold up time	>= 15 ms (100 V AC); >= 100 ms (230 V AC)
Ripple	max. 50 mV rms
Spikes	max. 120 mV p-p
Protection	Short-circuit and overload protected
LED display	LED (green) for output voltage
Parallel usage/serial usage	no/yes (max. 2 units)

**General data**

Standards	(EN 60950-1), (EN 61204-3), (EN 55022 B), (EN 61000-3-2)
Mounting method	DIN-rail mountable TH35 (EN 60715)
Relative humidity	5...95 %, no condensation
Temperature range	0...+40 °C, to +70 °C derating (storage temperature -25...+85 °C)
Dimensions H × W × D × Da	76 x 38 x 80 x 7.5 mm

**Commercial data**

Net weight	150
Weight unit	gram
Basic unit	pc.
Customs tariff number	85044090
Unit (piece)	1
Limited value	1

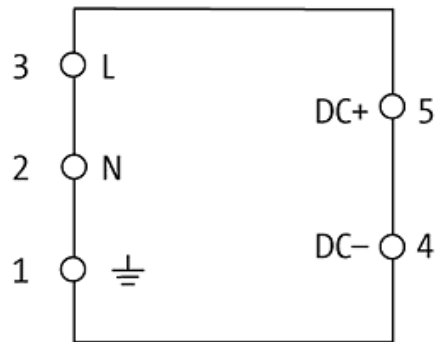
**Comments**

This switch mode power supplies meet the (EN 61000-3-2) standard for harmonic current.

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 10/12

## Circuit diagram



## Dimension drawing

