

MCS-B Power supply 1-phase, primary switched IN: 100-265VAC OUT: 24V/10ADC

Input voltage: 100...265 V AC

Output voltage: 24 V DC

Current: 10 A

Image

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

Approvals**Input**

Input voltage	100...265 V AC
Input current	3.4 A (115 V AC); 2.2 A (230 V AC)
Inrush current after 1 ms	<= 40 A
Primary fusing	max. 16 A
Frequency	50/60 Hz

Output

Output voltage	24 V DC (SELV), -1 %/+3 %
Nominal output current	10 A (+40 °C); 8 A (+55 °C)
Efficiency	0.83 (115 V DC); 0.85 (230 V AC)
Mains failure bridging	>= 15 ms (115 V AC); >= 115 ms (230 V AC)
Ripple	<= 20 mV eff
Spikes	<= 100 mV ss
Protection	overload and short-circuit 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 55011 A)
Mounting method	for DIN-rail mounting (TH35) acc. to EN 60715
Relative humidity	5...95 %, no condensation
Temperature range	0...+40 °C, to +70 °C derating (storage temperature -25...+85 °C)
Weight	1.0 kg
Dimensions H x W x D	128 x 68 x 165 mm

Commercial data

Gross weight	831
Net weight	831
Weight unit	gram
Basic unit	pc.
Customs tariff number	85044081
Unit (piece)	1
Limited value	1

Accessories

Accessory for MCS Plate for screw mounting

Art.-No.

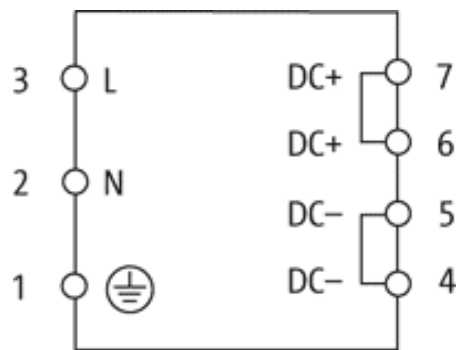
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Comments

MCS-B switch mode power supplies meet the (EN 61000-3-2) guideline for harmonic current.

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 03/09

Circuit diagram**Dimension drawing**