

MCS-B Power supply 1-phase, primary switched IN: 90-265VAC OUT: 12-15V/1ADC

INPUT: 90...265 V AC

OUTPUT: 12 V DC

Current: 1 A

Image

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

Vicarious picture

Input

Voltage range	90...265 V AC; 110...300 V DC
Input current	0.29 A (115 V AC); 0.16 A (230 V AC)
Inrush current after 1 ms	<= 20 A
Primary fusing	max. 10 A
Frequency	50/60 Hz

Output

Output voltage	12 V DC (SELV), $\pm 1\%$; 12...15 V adjustable
Output current	1 A (+50 °C); 0.8 A (+60 °C)
	77 %
Mains failure bridging	>= 20 ms (115 V AC); >= 150 ms (230 V AC)
Ripple	<= 50 mV rms
Spikes	<= 300 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...+50 °C, to +60 °C derating (storage temperature -25...+85 °C)
Dimensions H x W x D x Da	76 x 38 x 80 x 7,5 mm

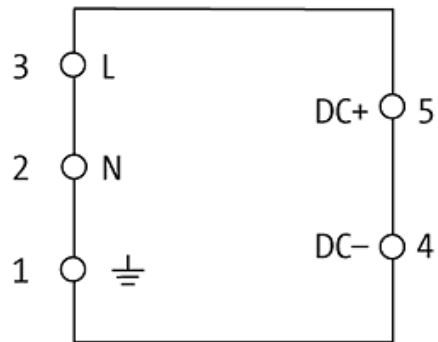
Commercial data

Net weight	240
Net weight	130
Weight unit	gram
Basic unit	pc.
Customs tariff number	85044090
Unit (piece)	1
Limited value	1

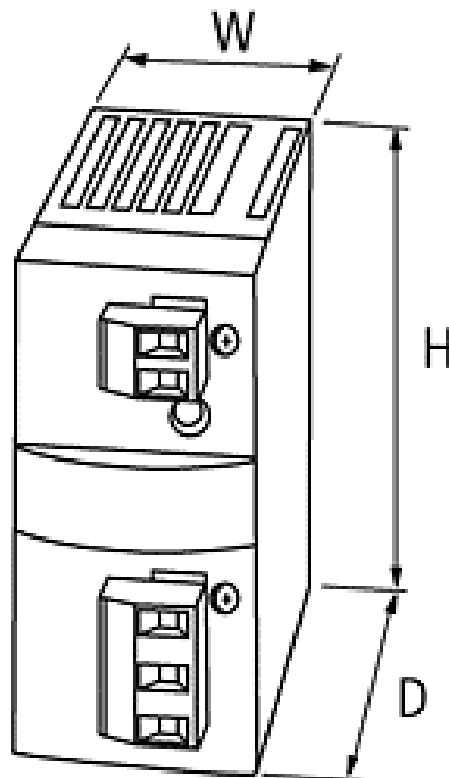
Comments

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

Circuit diagram



Dimension drawing



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