

Picco 12V/54W - primary switched power supply / 1-phase In: 110-230VAC / OUT: 12 - 15VDC - Spring-cage connection

INPUT: 90...264 V AC  
 OUTPUT: 12 V DC  
 Current: 2.5 A  
 Spring clamp terminals

### Image



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

Vicarious picture

### Input

Voltage range	100...240 V AC; 100...125 V DC
Input current	1.1 A (115 V AC); 0.63 A (230 V AC)
Inrush current after 1 ms	<= 60 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	4.5 A (+50 °C); 0.45 A (+70 °C) 85 % (110 V AC); 86 % (230 V AC)
Mains failure bridging	$\geq 10$ ms (115 V AC)
Ripple	$\leq 20$ mV rms
Spikes	$\leq 100$ 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)
Terminals	Spring clamp plug-in terminal, 0.2...2.5 mm <sup>2</sup>
Relative humidity	5...95 %, no condensation
Temperature range	0...+50 °C, to +70 °C derating (storage temperature -25...+70 °C)

### Commercial data

Net weight	220
Net weight	190
Weight unit	gram
Basic unit	pc.
Customs tariff number	85044090
Unit (piece)	1
Limited value	1

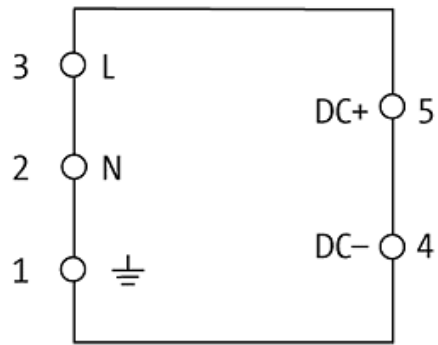
### Comments

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: 06/12

Circuit diagram



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