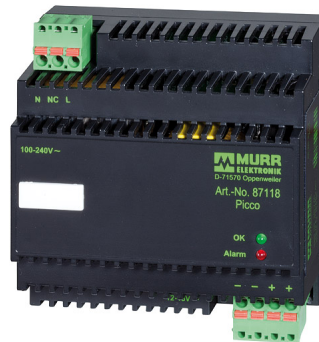


Picco 24V/100W - primary switched power supply / 1-phase In: 110-230VAC / OUT: 24 - 28VDC - Spring-cage connection

INPUT: 90...264 V AC
 OUTPUT: 24 V DC
 Current: 4.2 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	1.7 A (115 V AC); 1 A (230 V AC)
Inrush current after 1 ms	<= 60 A
Primary fusing	max. 16 A
Frequency	50/60 Hz

Output

Output voltage	24 V DC (SELV), $\pm 1\%$; 24...28 V adjustable
Output current	4.2 A (+50 °C); 0.42 A (+70 °C)
	85 % (110 V AC); 86 % (230 V AC)
Mains failure bridging	≥ 10 ms (115 V AC)
Ripple	≤ 20 mV rms
Spikes	≤ 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 ²
Relative humidity	5...95 %, no condensation
Temperature range	0...+50 °C, to +70 °C derating (storage temperature -25...+70 °C)

Commercial data

Net weight	280
Net weight	260
Weight unit	gram
Basic unit	pc.
Customs tariff number	85044090
Unit (piece)	1
Limited value	1

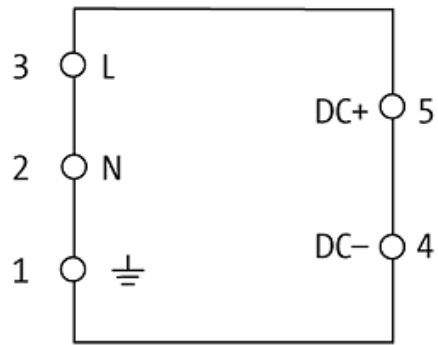
Comments

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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