



KFA36-12

36W AC/DC switching power supply



Features:

- Wide range AC input voltage;
- short circuit, overload protection.

parameter

parameter		Item No.	KFA36-12
			CH1
Output	Output Voltage		+12V
	Rated Current		3A
	Current Range		0-3A
	Rated power		36W
	Ripple		120mVp-p
	Adjustable output range		-----
	Output Accuracy		±1%
	Line Regulation		±0.5%
	Load Regulation		±0.5%
	Set up,Rise,Keep up time		500ms,50ms,20ms
Input	Input Voltage range		100-264V AC
	Input current		0.3A @ 220V AC
	Input frequency		47-63 Hz
	Efficiency		84% @ 220V AC
	Inrush current		Cold start 15A/115V, 30A/230V
	Leakage Current		<0.3mA@240V AC
Protection	Over load protection		110~200%,Hiccup protection, automatic recovery
	Output over voltage		-----
	Input over voltage		-----
Environment	Working Temp.,Humidity		-20~50℃, 10~90% RH, No condensation
	Storage Temp.,Humidity		-20~85℃, 10~95% RH
	Temp.,Drift		±0.03%/℃(0~50℃)
	Vibration		10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES
Safety&EMC Standards	Safety standards		GB4943
	Withstand voltage		I/P-O/P: 1.5KV DC 1min.
	Insulation resistance		I/P-O/P, I/P-FG, O/P-FG:500VDC / 100M Ohms
	EMC standards		
Others	Dimension		89*49*29mm
	Weight		0.1Kg

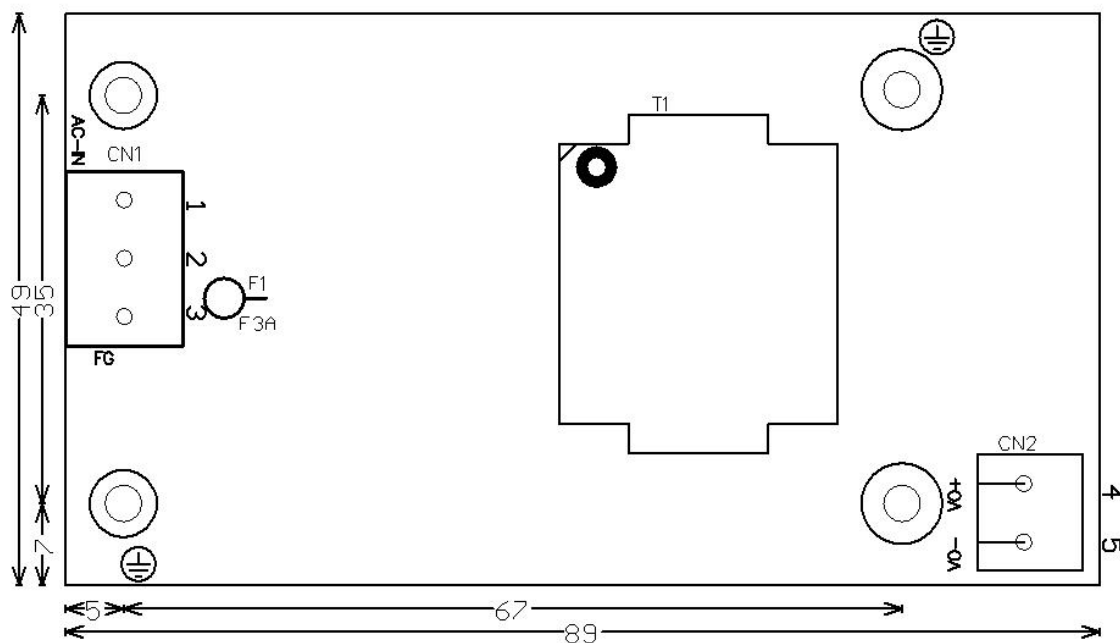


Note	1. All parameters 220VAC input, rated load, ambient temperature 25 °C, measured under conditions of 70% humidity; 2. Accuracy: includes set up tolerance, line regulation, load regulation and so on; 3. Ripple Test: 30cm long strands connect the power supply and the load, the load side and 0.1u and 47u capacitor to 20MHz oscilloscope measured at the load end; 4. Line regulation: at rated load conditions, the input voltage changes from low to high measured; 5. Load regulation: the measured output from 0% to 100% load change load measured.
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Dimension:

Unit: mm



Terminal arrangement:

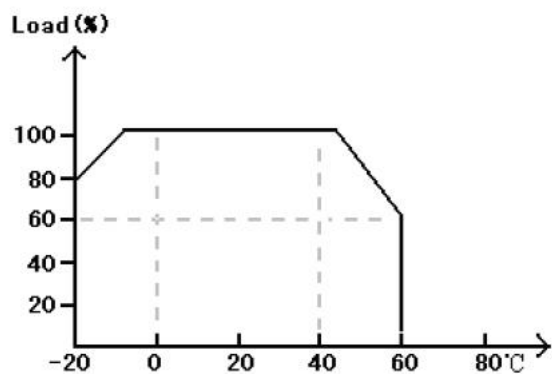
CN1:2P(3.96)

CN2:2P(3.96)

1. Input ACN	4. Output +
2. Input ACL	5. Output -
3. Access protected	

Load---Curve:

◆ Temperature-load curve



◆ Input voltage-load curve

