

Features

- Universal AC input/ Full range
- Low leakage current<0.5mA
- Protections: Short circuit/Over load /Over voltage/Over temperature
- Cooling by free air convection
- 100% full load burn-in test
- Fixed switching frequency at 100KHz
- Low cost
- High reliability
- 2 years warranty



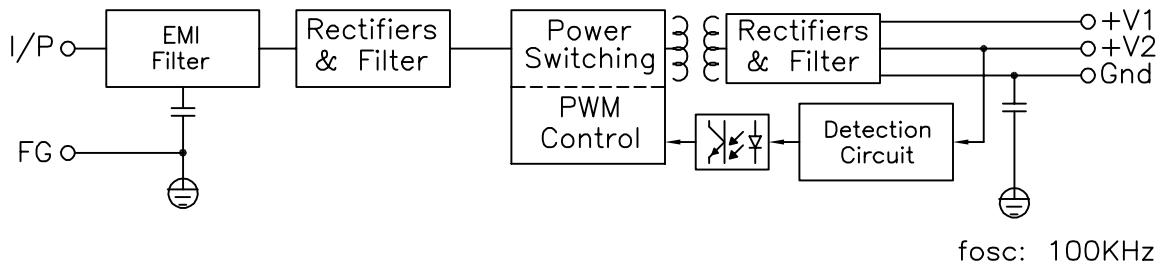
	Ch1	Ch2
DC output voltage	5V	3.3V
Output V. tolerance	+5, -8%	±2%
Output rated current	3A	3A
Output current range	0.1- 4A	0.2- 5A
Ripple & noise (Vp-p)	50m	50m
Line regulation	±2%	±1%
Load regulation	±4%	±1%
DC output power	24.9W (Ch1 + Ch2 ≤ 6A)	
Efficiency	72%	
DC voltage adj.	Set Ch2 +3.3V: 3.35~3.40V	
Input voltage range	85~264VAC 47~63Hz; 120-370VDC	
AC current	0.65A/115V 0.4A/230V	
Inrush current	cold start 40A	
Leakage current	<0.5mA/240VAC	
Overload protection	above 105% type: shutdown and auto-restart (pulsing or hiccup mode)	
Over voltage protection	5.75-6.75V Shut down o/p voltage, re-power on to recover	
Over temp. protection	U1 Tj 135°C typical power shutdown	
Temperature coefficient	±0.03% / °C (0~50°C)	
Set up, rise, hold up time	250ms, 50ms, 50ms/230VAC 250ms, 30ms, 16ms/115VAC at full load	
Vibration	10~500Hz, 2G 10 min./1 cycle, period fo 60 min. each axes	
Withstand voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC	
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms	
Working temp., humidity	-10°C~+70% (refer to output derating curve), 20%-90% RH	
Storage temp., humidity	-20°C~+85°C, 10%-95% RH	
Dimensions	4.21x2.40x1.10 inches (107x61x28 mm)	
Weight	0.33lbs (0.15Kgs)	
Safety standards	UL1950, TUV EN60950 approved	
EMC standards	CISPR22 (EN55022), IEC1000-4,2,3,4,5 IEC1000-3-2, 3 verification	

Notes:

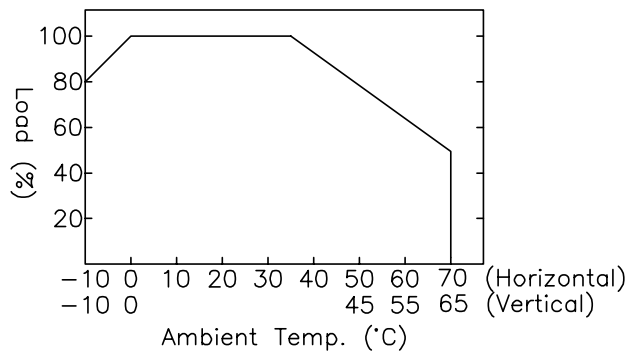
1. All parameters are specified at 230VAC input, rated load, 25°C 70% ambient
2. Tolerance includes set up tolerance, line regulation, load regulation
3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uF & 47 uF capacitor
4. Line regulation is measured from low line to high line at rated load
5. Load regulation is measured from 20% to 100% rated load, other outputs at 60% rated load
6. Each output provides up to maximum current, but total load can not exceed max. output power

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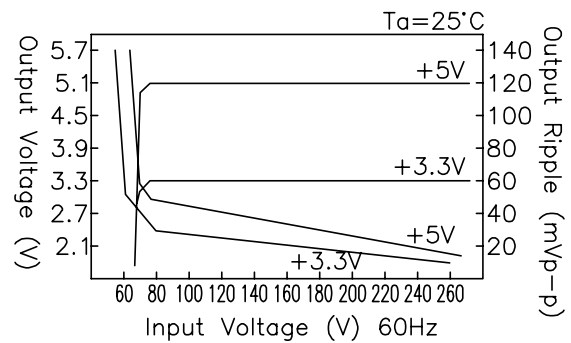
Block Diagram



Output Derating



Static Characteristics



Dimensions (mm)

Terminal Pin No. Assignment
 CN1: MOLEX 41791-03
 PIN 1,3: AC INPUT
 CN2: MOLEX 41791-04
 PIN 1: DC OUTPUT +5V
 PIN 2,3: DC OUTPUT COM
 PIN 4: DC OUTPUT +3.3V

Mating Connectors
 CN1,2 Mating Connector Type
 Molex 2139 and 3069 Series
 or equivalent with Molex
 2478 and 2578 or equivalent
 crimp terminals.

