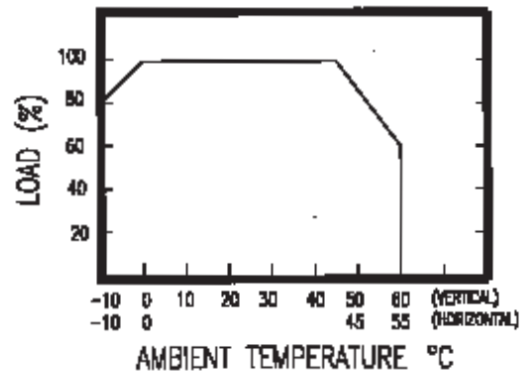
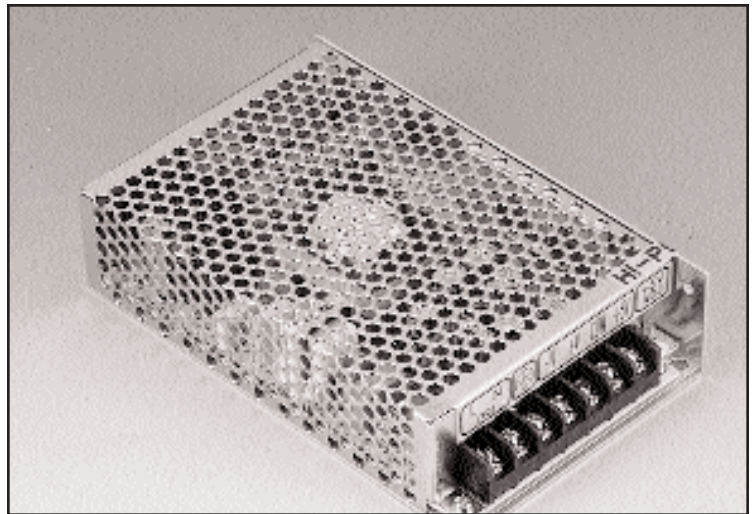


PS SERIES - TRIPLE OUTPUT SUPPLIES

Switching Power Supply

FEATURES

- Low Cost, High Reliability
- 105°C Output Capacitor
- International AC Input Range
- Built In EMI Filter, Low Ripple Noise
- High Efficiency, Low Working Temperature
- Soft-Start Circuit, Limiting AC Surge Current
- Short Circuit, Overload, Over Voltage Protected
- Compact Size, Light Weight
- 100% Full Load Burn-In Test
- CSA950, UL1950, IEC950 and EN60950 Approved
- CISPR22 (EN55022), IEC801-2, 3, 4, IEC555-2 Verification



THE PS SERIES FROM WALL INDUSTRIES

The PS Series of cased switching power supplies offers universal input, small size and a high reliability mature product.

SPECIFICATIONS: PS SERIES

All specifications apply @ +25°C ambient unless otherwise noted.

INPUT SPECIFICATIONS

Input Voltage.....85-264VAC Full Range
Input Frequency.....47-63Hz

OUTPUT SPECIFICATIONS

Output Current.....See Table
Output Voltage Tolerance.....±2% Primary, ±6-8% Auxiliary
Line Regulation(LL-HL).....±0.5% Primary
.....±0.5%-±1% Auxiliary
Load Regulation.....±0.5% Primary, ±1%-±6% Auxiliary
Overload Protection.....105%-150%/115VAC.....Foldback
Over Voltage Protection.....5-75-6.75V Primary
Ripple & Noise.....100mV p-p Primary
.....100mV - 120mV p-p Auxiliary
Temperature Coefficient.....±0.03%/°C (0-50°C) Primary

GENERAL SPECIFICATIONS

Efficiency.....See Table
Isolation Voltage (input to output) 1 min.....3KV
.....(input to ground) 1 min.....1.5KV
.....(output to ground) 1 min.....0.5KV
Hold-Up Time.....10mS-16mS/115VAC
.....60mS-80mS/230VAC

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature.....-10°C-+60°C
Storage Temperature.....-20°C-+85°C
Humidity (working temp.).....20%-90%RH
.....(storage temp.).....10%-95%RH

PHYSICAL SPECIFICATIONS

Dimensions.....See Drawing
Construction.....Enclosed case

Due to advances in technology, specifications subject to change without notice.

8/5/01

Input Voltage (VAC)	Output Voltage (VDC)	Output Current (Amps)	Max. Output Current (A)	Max. Output Power	Efficiency (%)	Model Number
85-264	±5/+12	3.0/0.5/2.0	.6-5/1-1/1.2-3	45 Watts	72	PST-40A
	+5 /±12	3.0/2.0/0.5	.6-5/1.2-3/1-1	45 Watts	72	PST-40B
	+5/±15	3.0/1.5/0.5	.6-5/1.2-2/1-1	45 Watts	72	PST-40C
	±5/+12	5.0/0.5/2.5	.5-7/0-1/1.2-3	57.5 Watts	72	PST-60A
	+5/±12	5.0/2.5/0.5	.5-7/1.2-3	5/0-161 Watts	72	PST-60B
	+5/±15	5.0/2.0/0.5	.5-7/1.2-3/0	162.5 Watts	72	PST-60C

NOTE:

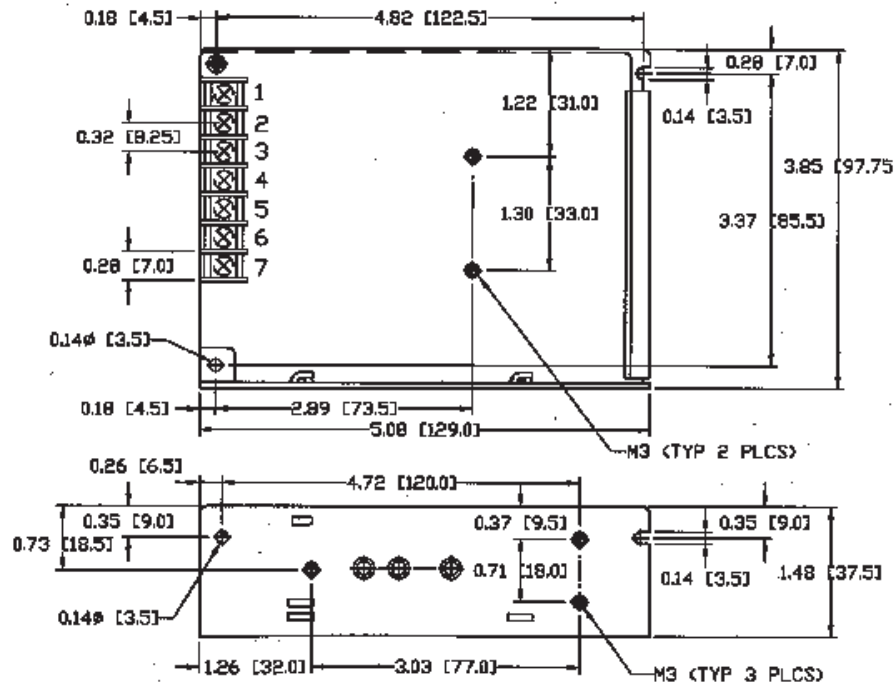
1. All parameters are specified at 230VAC input, rated load, 25°C ambient.
2. Tolerance: Include set up tolerance, line regulation, load regulation.
3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1 uf & 47uf capacitor.
4. Load regulation is measured from 20% to 100% rated load and other output at 60% rated load.
5. Each output provide up to maximum current, but total load can not exceed max. output power.
6. All case and pin-to-case measurements for reference only unless noted otherwise.

PST-40

DIMENSION INCH [MM]

PIN DESIGNATION

- PIN 1,2- AC INPUT
- PIN 3- FG
- PIN 4- DC OUTPUT -V
- PIN 5- DC OUTPUT +V2
- PIN 6- DC OUTPUT COM
- PIN 7- DC OUTPUT -V1



8/5/01

DIMENSION INCH [MM]

PIN DESIGNATION

- PIN 1,2- AC INPUT
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