OPEN FRAME POWER SUPPLY
24VDC 60WATT

STONTRONICS: PS-60-24

Features:

- Universal Input
- High Efficiency
- 3 Year Warranty
- Efficiency Level VI

Description:

The 60W open frame power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. Each model is approved to CE, CB, UL and comes with a 3 year warranty.

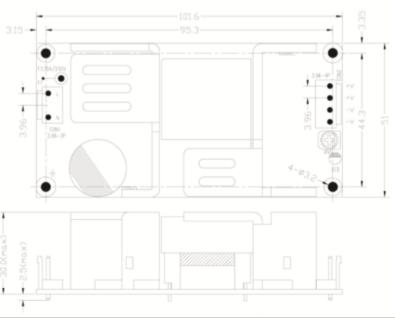|	Specification
Part Number	PS-60-24
DC Output	24V
Output Current	2.5A
Ripple & Noise	<120mV
Output Voltage Adj. Range	22.2 - 27.9V
Line Regulation	+/-0.5%
Load Regulation	+/-2%
Hold up Time	>20mS (230Vac input, Full Load)
Temperature Coefficient	+/-0.03%
Overshoot and Undershoot	<5%
Input Voltage Range	90Vac - 264Vac, 127Vdc - 370Vdc
Input Frequency Range	47-63Hz
Input Efficiency	87%
Input Current (Max)	<1.5A
Inrush Current	<30A@120Vac <60A@230Vac Cold Start
Leakage Current	<0.25mA
Over Load Protection	105-180% of Rated Output Current, Hiccup Mode, Auto Recovery
Over Voltage Protection	110-150% of Rated Output Voltage, Constant Voltage
Short Circuit Protection	Long Term Mode, Auto Recovery
Operating Temp & Hum.	-25°C - 70°C 20% - 90%
Storage Temp & Hum.	-40°C - 85°C 10% - 95%
Safety Standards	UL60950-1; EN60950-1; 2006
Withstand Voltage	Primary - Secondary 3KVac
Isolation Resistance	>100M ohms
EMI Conduction & Radiation	Compliance to EN55022 (CISPR22) Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, Light Industry Level Criteria A
MTBF	>200000 Hours
Dimensions	101.6mm x 50.8mm x 30mm
Cooling Method	Cooling by Free Air Convection

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Diagrams

Item	Connectors	Mating Housing	Contacts
AC IN(CON1)	LANDWIN3961P0300T (Central Pin removed)	LANDWIN 3960S or JST VHR or Molex 51144	LANDWIN 3963T011R or JST SVH-21T-P1.1 Or Molex 50539
DC OUT(CON2)	LANDWIN 3961P0400T		

STONTRONICS

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