

15 Watt, PSD15 Series, Open Frame DC-DC Converter

ALL PSU LTD
Electronic Power Solutions

- DC Inputs From 9.2 to 72 V
- 2000 Volts Isolated Output
- Low Ripple, Built In Filter
- Protections, Short Circuit, Over Load, Over Voltage,
- High Reliability 2 Year Warranty
- Conformal Coating Option
- CE Marked

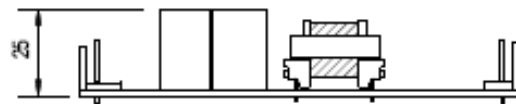
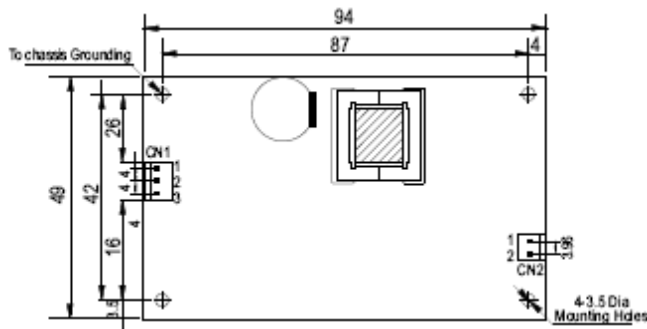


Size: 94 x 49 x 25 mm

Specification

Input Voltage.....	See table below, inputs from 9.2~72 VDC
Output Voltage.....	Fixed see table below
Output Tolerance.....	+/-2% including set up, line & load regulation
Line & Load Regulation.....	+/-1% (24 Volts Output models +/-0.5%)
Over Load Protection.....	105~150% hiccup mode, (auto-recovery)
Over Voltage Protection.....	115 to 135% of rated output voltage
Isolation Voltage.....	2 kVAC (input to output)
Operating Temperature.....	-10~+60 °C (full power from 0 to 50°C, 60% at 60°C)
Safety Standards.....	Meets LVD requirements, CE marked
EMC Standards.....	EN55022 (CISPR22) class B, EN61000-4-2,3,4,6,8, EN55024, EN61000-6-1, Light industrial level, criteria A
Mechanical Size.....	94(L) x 49(W) x 25(H) mm
Connections.....	Input & output JST VHR Plug in

Model	Input Voltage	Output Voltage / Current	Ripple & Noise	Efficiency
PSD-15A-05	9.2~18 VDC	5 V / 3 A	50 mV	74%
PSD-15A-12	9.2~18 VDC	12 V / 1.25 A	100 mV	67%
PSD-15A-24	9.2~18 VDC	24 V / 0.6 A	100 mV	72%
PSD-15B-05	18~36 VDC	5 V / 3 A	50 mV	78%
PSD-15B-12	18~36 VDC	12 V / 1.25 A	100 mV	78%
PSD-15B-24	18~36 VDC	24 V / 0.6 A	100 mV	78%
PSD-15C-05	36~72 VDC	5 V / 3 A	50 mV	78%
PSD-15C-12	36~72 VDC	12 V / 1.25 A	100 mV	78%
PSD-15C-24	36~72 VDC	24 V / 0.6 A	100 mV	79%



Pin No (CN1)	Assignment	Pin No (CN2)	Assignment
1	-V in	1	-V out
2	N/C	2	+V out
3	+V in		

Specifications may change without notice, E&OE. ALL PSU Terms & Conditions apply.

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