

ALL PSU DATA SHEET

50 Watt RD Series, (Dual Output Power Supply).

- * Miniature Size, High Power Density.
- * Protections : Short Circuit / OLP / OVP
- * Meet EMS EN50082-2 / EN61000-6-2 Heavy Industrial Level (35-150W)
- * Withstand 300 VAC Surge Input For 5 Seconds
- * High Operating Temperature Up To 70 * C
- * Withstand 5G Vibration Test
- * High Efficiency, Long Life And High Reliability
- * 100% Full Load Burn-In Test
- * 3 Years Warranty
- * DIN Rail Mounting Kits Available.
- * Full Series Includes 1 to 4 Outputs up to 150 Watts



50 Watt Dual Output Unit 99 x 97 x 36mm (plus terminals)
(Picture also shows other units in range up to 150 Watts).

Specification

AC Input Voltage Range
AC Inrush Current (max)
DC Output Adjustment Range
Over Load Protection
Over Voltage Protection

Withstand Voltage

Working Temperature

Vibration

Safety Standards
EMC Standards

Connection
Dimensions (L*W*H)(mm)

88-264 VAC Universal Input
Cold Start, 40A @ 230 VAC
+/- 10%
110%-150% Hiccup mode, auto recovery
115%-135% Rated Output Voltage, Hiccup Mode
Auto-Recovery
I/P-O/P : 3K VAC, I/P-F/G : 1.5K VAC
O/P-F/G : 0.5K VAC, 1 Minute
-20 to +70*C (refer to derating curve for different models), -40*C Start-Up Possible
10-500Hz, 5G 10min/1 cycle, period for 60min each along X, Y, Z Axes.
UL60950-1, TUV EN60950-1 Approved
EN55022 class B, EN61000-3-2,3,
EN61000-4-2,3,4,5,6,8,11 ENV50204
EN61000-6-2 (EN500082-2) (35-150W)
Terminal Block For Input And Output
99 x 97 x 36

Model	Output 1	Output 2	Ripple/ Noise	Efficiency
RD-50A	5V / 0.3-6.0A	12V / 0.3-3A	80mV / 120mV	79%
RD-50B	5V / 0.3-6.0A	24V / 0.2-2A	80mV / 150mV	80%

(Isolated output versions of the above units are also available, part number would be : RID-50A/B)

For Full Specification & Mechanical Drawings Please Contact ALL PSU Sales Office.

Other Enclosed Units Are Available From 25 to 2400 Watts, Please See Web Site At www.allpsu.co.uk or Contact ALL PSU Sales Office for Details.

Specifications May Change Without Notice, E&OE. ALL PSU Terms & Conditions Apply.

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