

## 35 Watt, RD Series, (Fully Enclosed, Dual Output)

**ALL PSU LTD**  
Electronic Power Solutions

- Compact Size, High Power Density
- Protections: Short Circuit / Overload / OVP
- Meet EMS EN50082-2 / EN61000-6-2 Heavy Industrial Level
- Withstand 300 VAC Surge Input For 5s
- 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 Year Warranty
- DIN Rail Mounting Kits Available



### Specification

AC Input Voltage Range.....	88-264 VAC, 47-63 Hz (125-373 VDC)
AC Inrush current (max).....	Cold start, 36 A @ 230 VAC
DC Output Adjustment Range.....	CH1 : 4.75 to 5.5 Volts, RD-3513 : 11.5 to 15.5 Volts
Over Load Protection.....	110%-150% hiccup mode, auto-recovery
Over Voltage Protection.....	115~135%, hiccup mode, auto-recovery
Isolation Voltage.....	I/P-O/P: 3 kVAC,
Operating Temperature.....	-25 to +70 °C (derates above 50 °C)
Vibration.....	10-500 Hz, 5G 10 min/1 cycle, period for 60 min each along X, Y, Z axes
Safety Standards.....	UL60950-1, TUV EN60950-1 approved
EMC Standards.....	EN55022 class B, EN61000-3-2, 3 EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204 EN61000-6-2 (EN500082-2) heavy industrial level A
Connection.....	Screw terminal block
Dimensions.....	99(L) x 82(W) x 36(H) mm
MTBF.....	179 khrs (MIL-HDBK-217F) @ 25 °C
Weight.....	0.3 kg

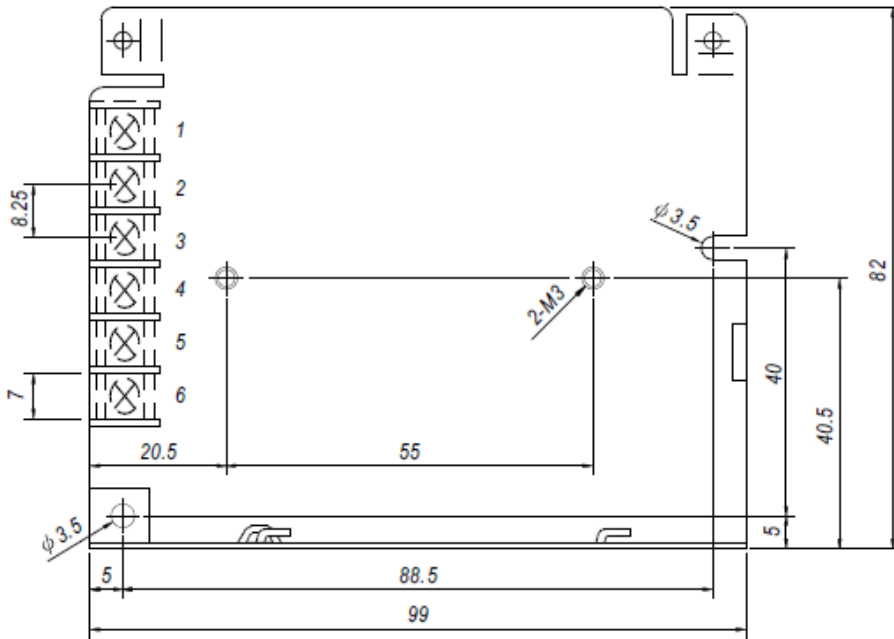
### Models and Ratings

Model	Output 1	Output 2	Max Watts	Efficiency
RD-35A	5 V / 0.3~4.0 A	12 V / 0.2~1.0 A	32 W	79%
RD-35B	5 V / 0.3~4.0 A	24 V / 0.2~1.3 A	35 W	82%
RD-3513	13.5V / 0.3~2.0 A	-13.5V / 0.2~0.57 A	35 W	80%

For mechanical & connection details see next page

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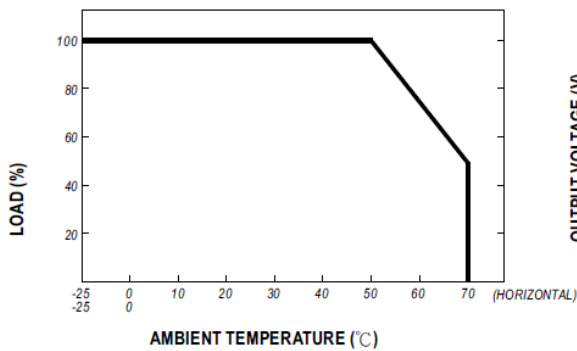
## Mechanical Details



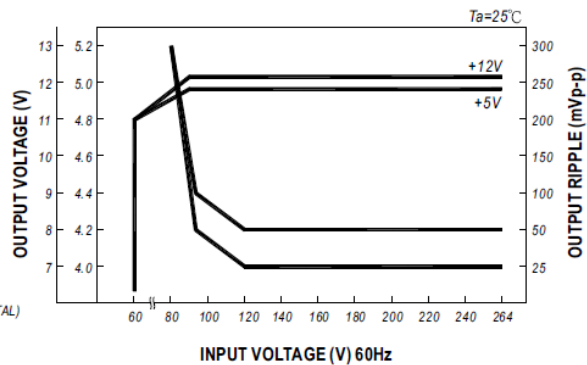
Terminal	Function
1	AC Live
2	AC Neutral
3	GND
4	V2 Out
5	DC Out Common
6	V1 Out

## Derating Curves

Load vs Ambient Temperature



Load vs Input Voltage



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

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