

85 Watt, RT Series, (Fully Enclosed, Triple 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 A
- 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 to 373 VDC)
AC Inrush current (max).....	Cold start, 40 A @ 230 VAC
DC Output Adjustment Range.....	CH1 : 4.75 to 5.5 Volts
Over Load Protection.....	110%-150% hiccup mode, auto recovery
Over Voltage Protection.....	CH1 : 5.75-6.75 V, hiccup mode, auto-recovery
Isolation Voltage.....	I/P-O/P: 3 kVAC,
Operating Temperature.....	-25 to +70 °C (derates above 40 °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 Criteria A
Connection.....	Screw terminal block
Dimensions.....	159(L) x 97(W) x 38(H) mm
MTBF.....	215 k hrs (MIL-HDBK-217F) @ 25 °C
Weight.....	0.6 kg

Models and Ratings

Model	Output 1	Output 2	Output 3	Max Watts	Efficiency
RT-85A	5 V / 2~10 A	12 V / 0.3~4 A	-5 V / 0~1 A	84.5 W	76%
RT-85B	5 V / 2~10 A	12 V / 0.3~4 A	-12 V / 0~1 A	88 W	76%
RT-85C	5 V / 2~10 A	15 V / 0.3~4 A	-15 V / 0~1 A	87.5 W	77%
RT-85D	5 V / 2~10 A	24 V / 0.3~2.5 A	12 V / 0.1~1 A	90 W	79%

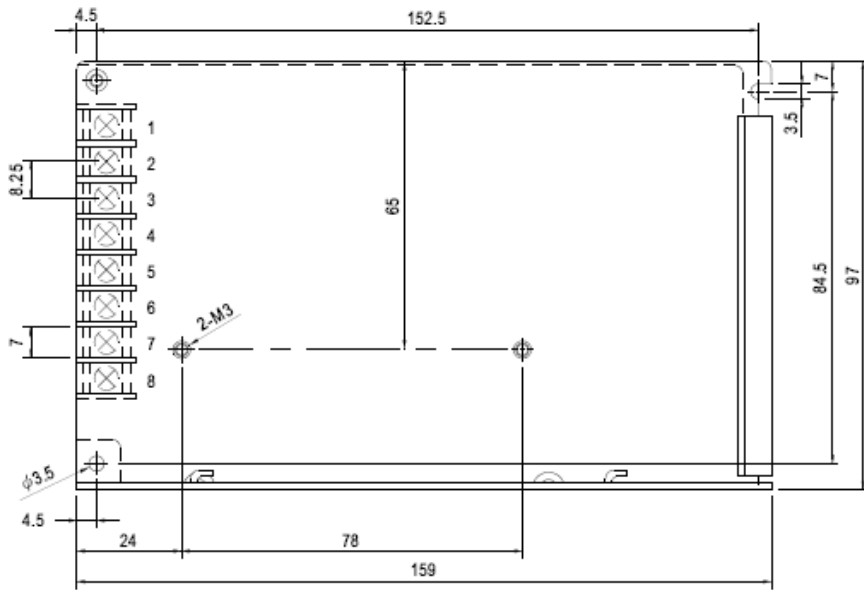
For mechanical & connection details see next page

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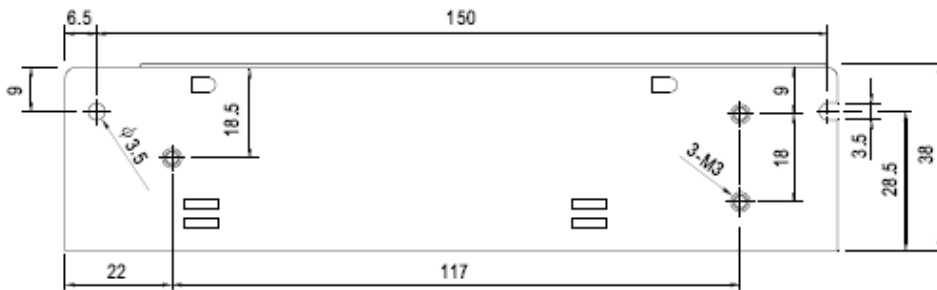
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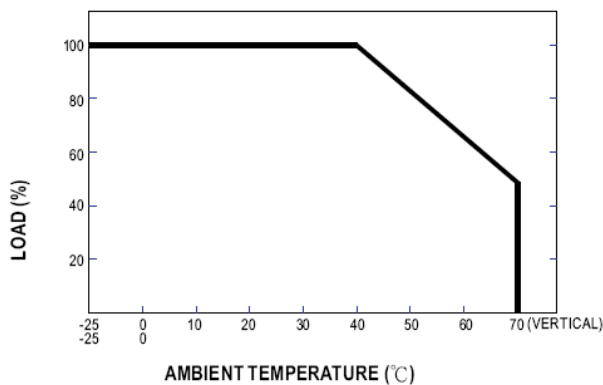
Mechanical Details



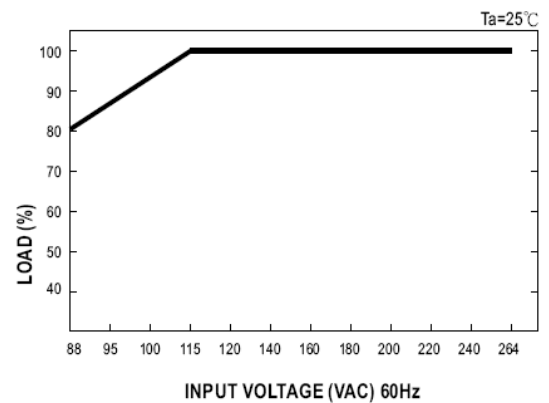
Terminal	Function
1	AC Live
2	AC Neutral
3	GND
4	NC
5	V3 Out
6	V2 Out
7	DC O/P Com
8	V1 Out



Derating Curve



Static Characteristics



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

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