

- 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
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 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 97(W) x 36(H) mm
MTBF.....	169.2 k hrs (MIL-HDBK-217F) @ 25 °C
Weight.....	0.41 kg

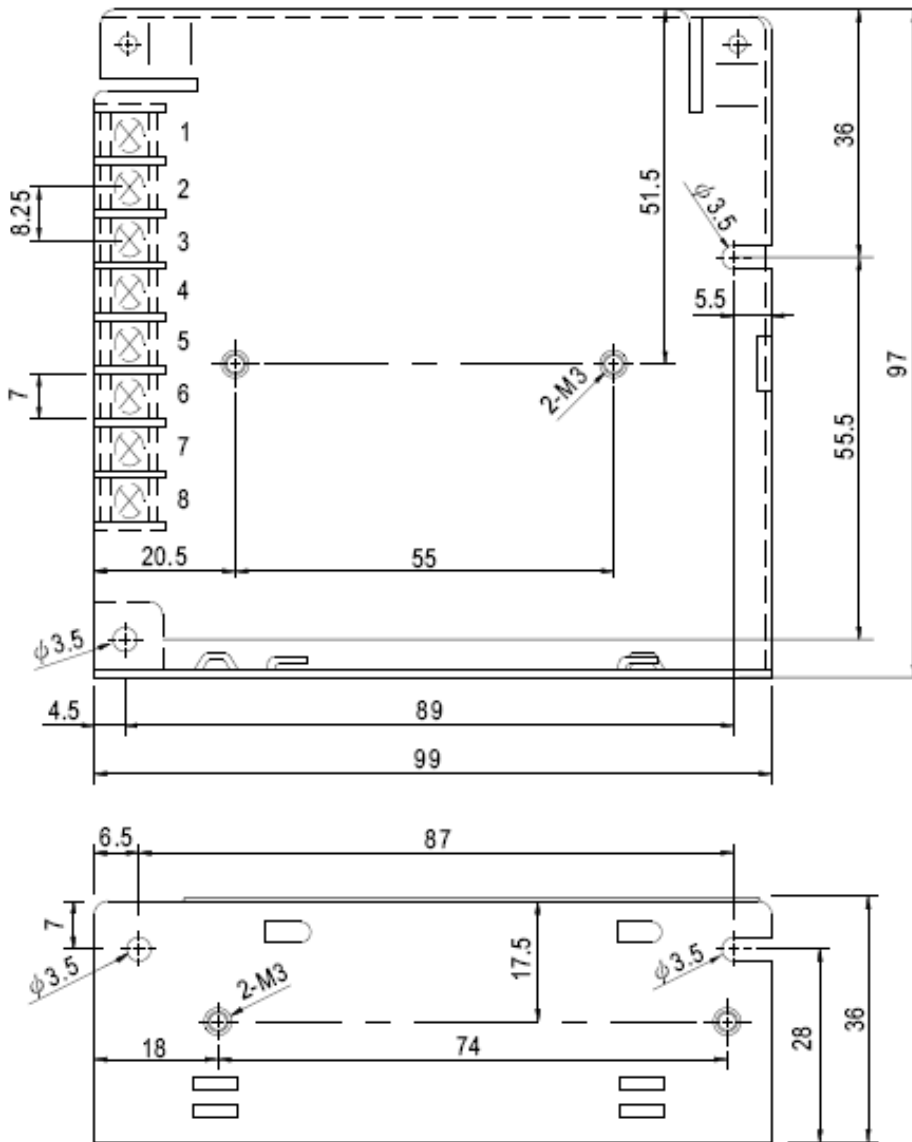
**Models and Ratings**

Model	Output 1	Output 2	Output 3	Max Watts	Efficiency
RT-50A	5 V / 0.5~5 A	12 V / 0.2~2.5 A	-5 V / 0.1~1 A	46.5 W	77%
RT-50B	5 V / 0.5~5 A	12 V / 0.2~2.5 A	-12 V / 0.1~1 A	50 W	77%
RT-50C	5 V / 0~5 A	15 V / 0.2~2 A	-15 V / 0.1~1 A	50 W	78%
RT-50D	5 V / 0.5~5 A	24 V / 0.2~1.5 A	12 V / 0.1~1 A	51 W	80%

For mechanical & connection details see next page

# 50 Watt, RT Series, (Fully Enclosed, Triple Output)

## 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

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

**ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate  
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111  
Email: [sales@allpsu.co.uk](mailto:sales@allpsu.co.uk) Web: [www.allpsu.co.uk](http://www.allpsu.co.uk)**