

35 Watt, RS Series, Fully Enclosed (Single Output)

ALL PSU LTD
Electronic Power Solutions

- Miniature Size, High Power Density
- Protections : Short Circuit / OLP / OVP
- Universal AC Input
- Withstand 300 VAC Surge Input For 5 Seconds
- High Operating Temperature Up To 70 °C
- 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

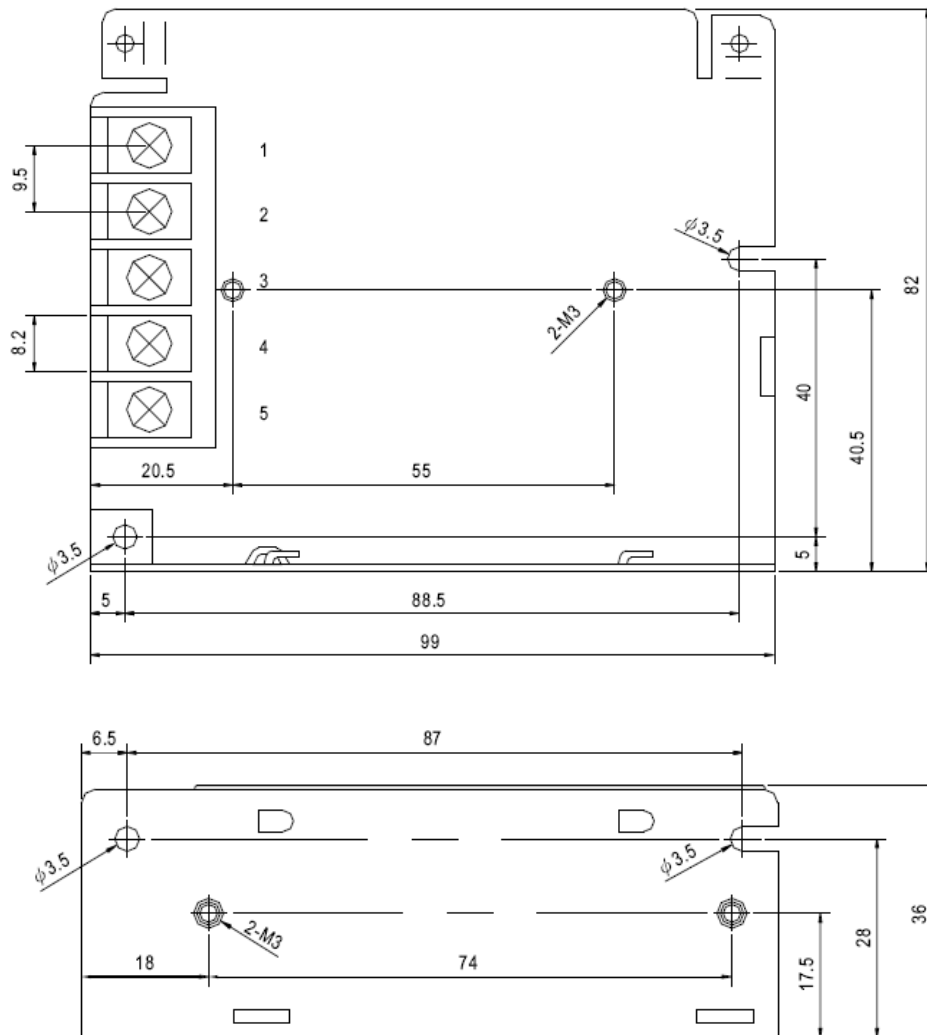
AC Input Voltage Range.....	88-264 VAC, 47-63 Hz (125~373 VDC)
AC Inrush Current (max).....	Cold Start, 36 A @ 230 VAC
DC Output Adjustment Range.....	+/- 10%
Over Load Protection.....	110%-150% hiccup mode, auto-recovery
Over Voltage Protection.....	.115 ~ 135% rated voltage, hiccup mode, (auto-recovery)
Isolation Voltage.....	I/P-O/P: 3 kVAC, I/P-F/G: 1.5 kVAC O/P-F/G: 0.5 kVAC, 1 min.
Operating Temperature.....	-25 to +70 °C (refer to derating curve for different models)
Vibration.....	10-500Hz, 5G 10min/1 cycle, period for 60min 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 (EN50082-2)
Connection.....	Terminal block
Dimensions.....	99(L) x 82(W) x 36(H) mm
MTBF.....	249 khrs (MIL-HDBK-217F) @ 25 °C
Weight.....	0.3 kg

Models and Ratings

Model	Output	Ripple/ Noise	Efficiency
RS-35-3.3	3.3 V / 7 A	80 mV	73%
RS-35-5	5 V / 7 A	80 mV	77%
RS-35-12	12 V / 3 A	120 mV	81%
RS-35-15	15 V / 2.4 A	120 mV	83%
RS-35-24	24 V / 1.5 A	120 mV	84%
RS-35-48	48 V / 0.8 A	200 mV	84%

For mechanical details and derating, see next page

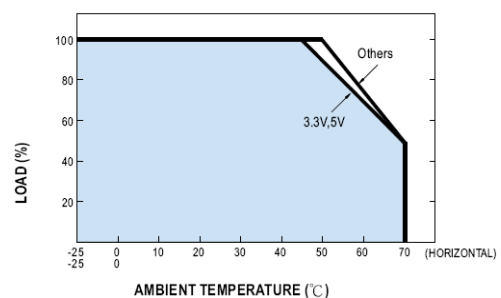
Mechanical Details



Connections

Terminal	Function
1	AC Live
2	AC Neutral
3	F/Gnd
4	-V Out
5	+V Out

Derating



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

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