

Eigenschaften :

- Universal AC Weitbereichseingang
- Kurzschlussfest - Überlastsicherung
- Kein Lüfter erforderlich
- LED Betriebsanzeige
- 100% full load burn-in test
- Long life Kondensatoren für hohe Lebensdauer
- Lieferbar für 12 und 24 V / DC
andere Spannungen auf Anfrage

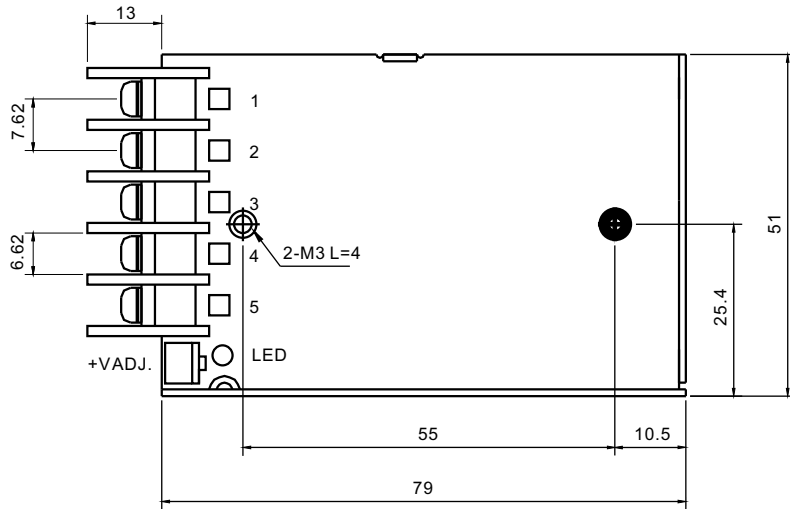


SPECIFICATION

| MODEL | RS-25-3.3 | RS-25-5 | RS-25-12 | RS-25-15 | RS-25-24 | 48 RS-25- | |
|---------------------|---|---|--------------|--------------|----------------|--------------|--------------|
| OUTPUT | DC VOLTAGE | 3.3V | 5V | 12V | 15V | 24V | 48V |
| | RATED CURRENT | 6A | 5A | 2.1A | 1.7A | 1.1A | 0.57A |
| | CURRENT RANGE | 0 ~ 6A | 0 ~ 5A | 0 ~ 2.1A | 0 ~ 1.7A | 0 ~ 1.1A | 0 ~ 0.57A |
| | RATED POWER | 19.8W | 25W | 25.2W | 25.5W | 26.4W | 27.36W |
| | RIPPLE & NOISE (max.) | 80mVp-p | 80mVp-p | 120mVp-p | 120mVp-p | 120mVp-p | 200mVp-p |
| | VOLTAGE ADJ. RANGE | 2.85~3.6V | 4.75~5.5V | 10.8~13.2V | 13.5~16.5V | 22~27.6V | 42~54V |
| | VOLTAGE TOLERANCE | ±3.0% | ±2.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% |
| | LINE REGULATION | ±0.5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
| | LOAD REGULATION | ±2.0% | ±1.0% | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
| | SETUP, RISE TIME | 1200ms, 23ms/230VAC 2200ms, 30ms/115VAC at full load | | | | | |
| HOLD UP TIME (Typ.) | 80ms/230VAC 14ms/115VAC at full load | | | | | | |
| INPUT | VOLTAGE RANGE | 88 ~ 264VAC 125 ~ 373VDC (Withstand 300VAC surge for 5sec. Without damage) | | | | | |
| | FREQUENCY RANGE | 47 ~ 63Hz | | | | | |
| | EFFICIENCY(Typ.) | 72% | 77% | 79% | 82% | 84% | 85% |
| | AC CURRENT (Typ.) | 0.7A/115VAC 0.4A/230VAC | | | | | |
| | INRUSH CURRENT (Typ.) | COLD START 30A/230VAC | | | | | |
| LEAKAGE CURRENT | <2mA / 240VAC | | | | | | |
| PROTECTION | OVERLOAD | 110 ~ 180% rated output power Protection type : Hiccup mode, recovers automatically after fault is removed | | | | | |
| | OVER VOLTAGE | 3.8 ~ 4.45V | 5.75 ~ 6.75V | 13.8 ~ 16.2V | 17.25 ~ 20.25V | 27.6 ~ 32.4V | 55.2 ~ 64.8V |
| ENVIRONMENT | WORKING TEMP. | -20 ~ +70 °C (Refer to output load derating curve) | | | | | |
| | WORKING HUMIDITY | 20 ~ 90% RH non-condensing | | | | | |
| | STORAGE TEMP, HUMIDITY | -40 ~ +85 °C, 10 ~ 95% RH | | | | | |
| | TEMP. COEFFICIENT | ±0.03%/°C (0 ~ 50 °C) | | | | | |
| | VIBRATION | 10 ~ 500Hz, 5G 10min./1cycle, period for 60min. each along X, Y, Z axes | | | | | |
| SAFETY & EMC | SAFETY STANDARDS | UL60950-1, TUV EN60950-1 approved | | | | | |
| | WITHSTAND VOLTAGE | I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC | | | | | |
| | ISOLATION RESISTANCE | I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC | | | | | |
| | EMI CONDUCTION & RADIATION | Compliance to EN55022 (CISPR22) Class B | | | | | |
| | HARMONIC CURRENT | Compliance to EN61000-3-2,-3 | | | | | |
| EMS IMMUNITY | Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, light induc | | | | | | |
| OTHERS | MTBF | 309.7Khrs min. MIL-HDBK-217F (25 °C) | | | | | |
| | DIMENSION | 79*51*28mm (L*W*H) | | | | | |
| | PACKING | 0.2Kg; 60pcs/13Kg/0.57CUFT | | | | | |

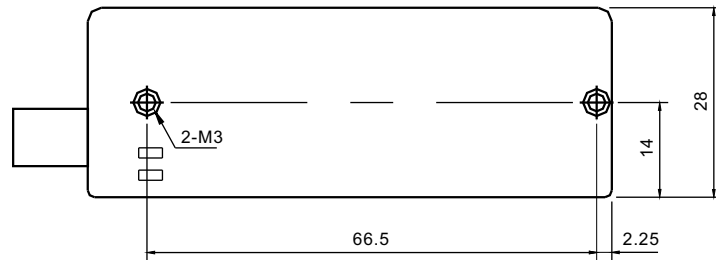
Mechanical Specification

Case No.931A Unit:mm



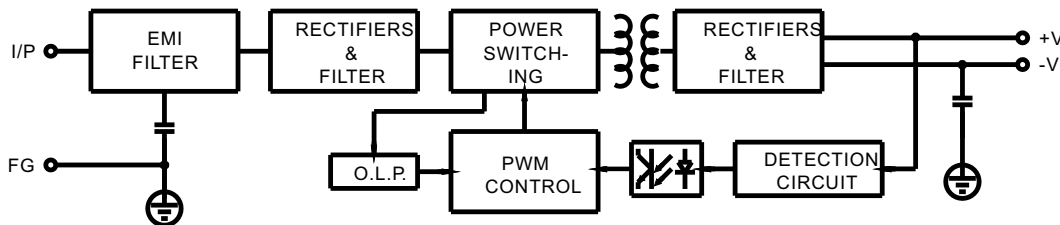
Terminal Pin No. Assignment

| Pin No | Assignment | Pin No. | Assignment |
|--------|------------|---------|-------------|
| 1 | AC/L | 4 | DC OUTPUT-V |
| 2 | AC/N | 5 | DC OUTPUT+V |
| 3 | FG | | |



Block Diagram

fosc : 60KHz



Derating Curve

Static Characteristics (24V)

