



- Article number 8366.USV1

Power supply 24V/4A

| OUTPUT | |
|-----------------------|------------------------------------------------------|
| DC VOLTAGE | 24V |
| RATED CURRENT | 4.2A |
| CURRENT RANGE | 0 ~ 4.2A |
| RATED POWER | 100.8W |
| RIPPLE & NOISE (max.) | 150mVp-p |
| VOLTAGE ADJ. RANGE | 24 ~ 29V |
| VOLTAGE TOLERANCE | ±1.0% |
| LINE REGULATION | ±1.0% |
| LOAD REGULATION | ±1.0% |
| SETUP, RISE TIME | 2700ms, 80ms/230VAC 2700ms, 80ms/115VAC at full load |
| HOLD UP TIME (Typ.) | 50ms/230VAC 18ms/115VAC at full load |

| INPUT | |
|-----------------------|--------------------------------------------------------------------------------------|
| VOLTAGE RANGE | 88 ~ 264VAC 124 ~ 370VDC [DC input operation possible by connecting AC/L(+),AC/N(-)] |
| FREQUENCY RANGE | 47 ~ 63Hz |
| EFFICIENCY (Typ.) | 89% |
| AC CURRENT (Typ.) | 3A/115VAC 1.6A/230VAC |
| INRUSH CURRENT (Typ.) | COLD START 30A/115VAC 45A/230VAC |

PROTECTION

Technical Data

Power supply 24V/4A



| | |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| OVERLOAD | 105 ~ 135% rated output power; Protection type: Constant current limiting, recovers automatically after fault condition is removed |
| OVER VOLTAGE | 30 ~ 35V; Protection type: Shut down o/p voltage, re-power on to recover |
| OVER TEMPERATURE | Shut down o/p voltage, re-power on to recover |

| ENVIRONMENT | |
|-------------------------|---------------------------------------------------------------------------------------------------------------|
| WORKING TEMP. | -20 ~ +60°C (refer to "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 | Component: 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes; Mounting: Compliance to IEC60068-2-6 |

| SAFETY & EMC | |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| SAFETY STANDARDS | UL60950-1, TUV EN60950-1 approved, design refer to EN50178 |
| WITHSTAND VOLTAGE | I/P-O/P:3KVAC |
| ISOLATION RESISTANCE | I/P-O/P:>100M Ohms / 500VDC / 25°C / 70% RH |
| EMC EMISSION | Compliance to EN61204-3, EN55032 Class B, EN61000-3-2,-3 |
| EMC IMMUNITY | Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-2, EN61204-3, heavy industry level, criteria A |

| OTHERS | |
|-----------|------------------------------------|
| MTBF | 486K hrs min. MIL-HDBK-217F (25°C) |
| DIMENSION | 100*93*56mm (W*H*D) |
| PACKING | 0.35Kg; 36pcs/13.6Kg/0.89CUFT |