

SPECIFICATION SHEET

JOB NAME: _____
LOCATION: _____
QUOTE/REF#: _____



PSVT SERIES indoor/outdoor drivers are 0-10V dimming drivers with an integrated UL listed junction box. These efficient, low-voltage power supplies are UL listed, making them safe and inspection ready. The wet/dry housings are IP66 rated designed to fit most installations.

FEATURES

- High power factor/efficiency
- Short circuit and over current protection
- 100~277V AC for any residential or commercial application
- Superior PWM dimming technology
- Factory derated
- Only 10% minimum load
- Full protection aluminum housing
- Cooling by free air convection
- Suitable for LED lighting
- UL Listed, cUL Listed
- Class 2

INPUT

| | |
|-----------------------------|--|
| VOLTAGE RANGE | 100~277V AC |
| FREQUENCY RANGE | 47~63 Hz |
| POWER FACTOR | 0.99(120V) ; 0.97(230V) ; 0.97(277V) |
| THD(TYP) @ FULL LOAD | <15%(120V) ; <20%(230V) ; <20%(277V) |
| EFFICIENCY (AVG) | 83%(120V) ; 88%(230V) ; 87%(277V) |
| AC CURRENT (MAX) | 1.3A (100VAC) |
| INRUSH CURRENT (TYP) | 20A,50%, 1.6ms@120V ; 30A,50% 200us@230V ; 25A,50% 1.2ms@277V |
| LEAKAGE CURRENT | <0.50mA |

OUTPUT

| | |
|---------------------------|--------|
| DC VOLTAGE | 24V DC |
| RATED CURRENT | 4A |
| RATED POWER | 96W |
| VOLTAGE TOLERANCE | ±0.5V |
| VOLTAGE REGULATION | ±0.5% |
| LOAD REGULATION | ±1.0% |

PROTECTION

| | |
|-------------------------|---|
| SHORT CIRCUIT | Shut down, re-power on |
| OVERLOAD | ≤120% shut down o/p voltage |
| OVER TEMPERATURE | 100°C±10°C (212°±50°F) shut down o/p voltage, autorecover. |

ENVIRONMENT

| | |
|-------------------------|--|
| WORKING TEMP. | -40~+60°C |
| WORKING HUMIDITY | 20~90% RH, non-condensing |
| STORAGE TEMP. | -40~+80°C, -40~176°F / 10~95%RH |
| TEMP COEFFICIENT | ±0.03%/°C (0~50°C, 32~122°F) |
| VIBRATION | 10~500Hz, 5G 10min./1 cycle, period for 60min. along X, Y, Z axes |

SAFETY & EMC

| | |
|-----------------------------|---|
| SAFETY STANDARDS | UL8750+UL1310 |
| WITHSTAND VOLTAGE | I/P-O/P: 1.88KV AC |
| ISOLATION RESISTANCE | I/P-O/P:>100MΩ/500V DC/25°C, 77°F/70% RH |
| EMC EMISSION | Compliance to FCC Part 15 B |

MISC

| | |
|-------------------|-----------------------|
| CLASS 2 | NO |
| WARRANTY | 5 YEARS |
| NET WEIGHT | 1.1 Kg. |
| SIZE | 8.66" X 3.72" X 1.57" |

