

PSVT-300W-24V-UNV-010 0-10V DIMMABLE LED DRIVER

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
- 5-year warranty
- 1.5 Kg Net Wt.
- 10.94" X 4.33" x 1.77"

TECHNICAL SPECIFICATIONS

VOLTAGE RANGE	100~277V AC
FREQUENCY RANGE	47~63 Hz
POWER FACTOR	0.99(120V) ; 0.98(230V) ; 0.98(277V)
THD(TYP) @ FULL LOAD	<10%(120V) ; <20%(230V) ; <20%(277V)
EFFICIENCY (AVG)	88%(120V) ; 92%(230V) ; 92%(277V)
AC CURRENT (MAX)	3.4A (100VAC)
INRUSH CURRENT (TYP)	20A,50% ,1.9ms@120V ;60A,50% 130us@230V ; 35A,50% 1.9ms@277V
LEAKAGE CURRENT	<0.50mA
DC VOLTAGE	24V DC
RATED CURRENT	12.5A
RATED POWER	300W
VOLTAGE TOLERANCE	±0.5V
VOLTAGE REGULATION	±0.5%
LOAD REGULATION	±1.0%
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)
SAFETY STANDARDS	UL8750+UL1310
WITHSTAND VOLTAGE	I/P-O/P: 1.88KV AC
EMC EMISSION	Compliance to FCC Part 15 B
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.

