

PSDK-96W-24V-UNV

TRIAC DIMMABLE DRIVER

Project _____

Location _____

Quote/ Ref # _____

PSDK-96W-24V-UNV indoor drivers are highly efficient and stable with smooth dimming capability compatible with most TRIAC, ELV, MLV, reverse and forward phase dimmers, and on/off switches. These drivers are derated allowing them to be loaded to maximum wattage capacity.

SPECIFICATIONS

CLASS 2	Yes
LOAD REGULATION	1%
LINE REGULATION	5%
INPUT FREQUENCY	47~63 Hz
POWER FACTOR	>0.95
EFFICIENCY	>88%
MTBF	50,000 hrs
OPERATING ENVIRONMENT	-40°F (-40°C) ~ 140°F (60°C)
FUNCTION SURFACE TEMP	-40 to 80 (25 C AMB)
STORAGE TEMPERATURE	-40°F (-40°C) ~ 176°F (80°C)
HUMIDITY	20~90% RH, non condensing
ENVIRONMENT	Dry / Damp
DIMMING	ELV, MLV & TRIAC
SHORT CIRCUIT	Short Circuit auto recovery
WIRE TERMINAL CONNECTION	Fits up to 12AWG
HOUSING / COOLING	Free-air convection
SAFETY STANDARDS	UL-8750, UL 1310
WITHSTAND VOLTAGE	I/P-O/P : 1.88KV AC
EMC EMISSION	FCC Part 15 B
WARRANTY	5 year Limited

INPUT

INPUT VOLTAGE RANGE	100-277V AC
INPUT FREQUENCY RANGE	47 - 63 Hz
POWER FACTOR (AVG.)	≥ 0.95
AC CURRENT (MAX.)	1.3A
INRUSH CURRENT	120V-11A
LEAKAGE CURRENT	< 0.5mA

OUTPUT

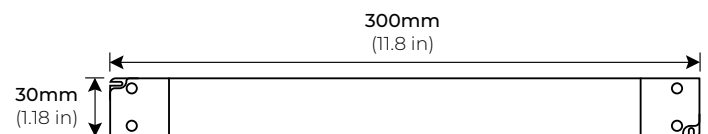
OUTPUT VOLTAGE	24V DC
OUTPUT CURRENT (MAX.)	4A
OUTPUT WATTAGE (MAX.)	96W
MINIMUM LOAD	10%
MAXIMUM LOAD	100%



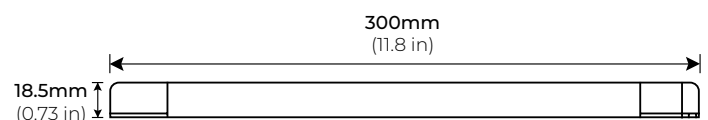
FEATURES

- 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
- Compatible with TRIAC, MLV and ELV dimmers
- Flicker-free dimming

DIMENSIONS



Top View



Side View