

SPECIFICATION SHEET

LinearLED

TYPE:

PROJECT:

QTY:

LMFV-96-24JC005, 5in1

5 in 1 output with 0-10v compatibility, smart Triac dimming 24v, 96w LED driver



UL US
LISTED
E507826

CE

RoHS
COMPLIANT

Features

- Flicker free PWM output, constant voltage
- 5-way input: DC 0-10v, triac forward or reverse phase, resistor or PWM signal dimmers
- Input voltage range 100-277vac
- Integrated isolated HV and LV junction boxes with multiple knock-outs
- Protection against short circuit, overloading, and over temperature
- Suitable for dry, damp, and wet location (IP65)
- Built-in PFC function, PF>0.98
- Efficiency>87% / load: 0~100%
- 5-year warranty
- Class 2

SPECIFICATION SHEET



| | | |
|-------|----------|------|
| TYPE: | PROJECT: | QTY: |
|-------|----------|------|

Specifications

| | | |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Output | DC Voltage | 24VDC |
| | Voltage Accuracy | ±5% |
| | Rated current | 1.25Amp |
| | Rated power | 96W |
| | Voltage Regulation | ±0.5% |
| | Load Regulation | ±1% |
| Input | Voltage Range | 100-277 VAC |
| | Frequency Range | 47~63HZ |
| | Power Factor (Typ.) | PF≥0.99/110V PF≥0.97/277V |
| | Full Load Efficiency (Typ.) | >84% |
| | AC Current (Typ.) | 0.5A |
| | Leakage current | <0.27mA/110VAC; <0.25mA/277VAC |
| Protection | Short Circuit | Hiccup mode, recovers automatically after fault condition is removed. |
| | Over Loading | ≤120% shut down o/p voltage, re-power on to recover |
| | Over temperature | 100°C±10°C shut down o/p voltage, automatically recover after cooling. |
| Environment | Working TEMP. | -40~+60°C |
| | Working Humidity | 20~90%RH, non-condensing |
| | Storage TEM. Humidity | -40~+80°C, 10~95%RH |
| | TEMP. coefficient | ±0.03%/°C (0~50°C) |
| | Vibration | 10~500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes |
| Safety & EMC | Safety standards | UL8750+UL1310 |
| | Withstand voltage | I/P-O/P:3.75KVAC |
| | Isolation resistance | I/P-O/P:100MΩ/500VDC/25°C/70%RH |
| | EMC EMISSION | FCC Part 15 B |
| | EMC IMMUNITY | Compliance to EN61000-4-2,3,4,5,6,11, Alight industry level |
| Others | Weight | 1,071 Kg |
| | Size | 120,7*223,8*42,9 mm (W*L*H) |
| Notes | 1. All parameters NOT specially mentioned are measured at 110VAC, 277VAC input, Rated load and 25°C of ambient temperature. 2. Tolerance: includes set us tolerance, line regulation and load regulation. | |