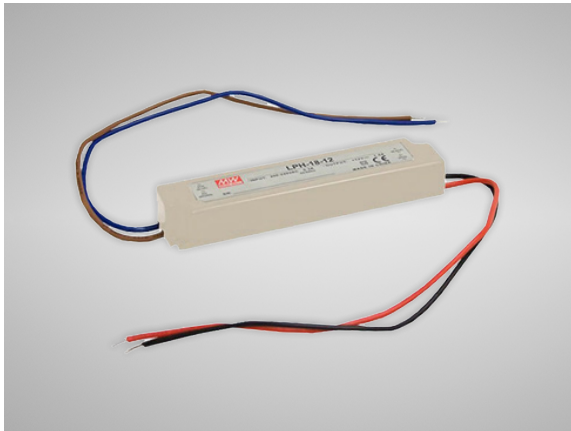


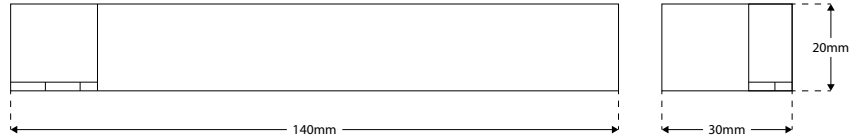
TERRA-RPV1218 - TERRA-736 Switched Driver



Description

This superior quality constant voltage LED driver series features a number of benefits as well as various wattages. Fully isolated plastic case with IP67 level.

Dimensions



Specification

| | | | |
|--------------------------------|--|--------------|--------------|
| Dimming Option | Switched | | |
| Output DC Voltage | 12V | 24V | 36V |
| Output Rated Current | 1.5A | 0.75A | 0.5A |
| Output Current Range | 0~1.5A | 0~0.75A | 0~0.5A |
| Output Rated Power | 18W | 18W | 18W |
| Output Ripple and Noise (max.) | 120mVp-p | 150mVp-p | 200mVp-p |
| Output Voltage Tolerance | ±3.0% | | |
| Output Line Regulation | ±1.0% | | |
| Output Load Regulation | ±2.0% | | |
| Input Voltage Range | 180 ~ 264VAC | | |
| Input Frequency Range | 47 ~ 63Hz | | |
| Input Efficiency (Typ.) | 77% | 83% | 84% |
| Input AC Current | 0.3A/230VAC | | |
| Input Inrush Current (Max.) | Cold Start 50A/230VAC | | |
| Input Leakage Current | 0.25mA/240VAC | | |
| Over Current | Above 105% Rated Output Power Protection Type: Hiccup Mode, recovers automatically after fault condition is removed | | |
| Over Voltage | 13.8 ~ 16.2V | 27.6 ~ 32.4V | 41.4 ~ 48.6V |
| | Protection Type: Hiccup Mode, recovers automatically after fault condition is removed | | |
| Over Temperature | Tj 170°C Typically (U1) Detect on main control IC Protection Type: Hiccup Mode, recovers automatically after fault condition is removed | | |
| Working Temperature | -25°C ~ 70°C (Refer to output load derating curve) | | |
| Working Humidity | 20% ~ 90% non-condensing | | |
| Storage Temperature | -40°C ~ +80°C | | |
| Storage Humidity | 10% ~ 95% RH | | |
| Temperature Coefficient | ±0.03%/°C (0°C ~ 50°C) | | |