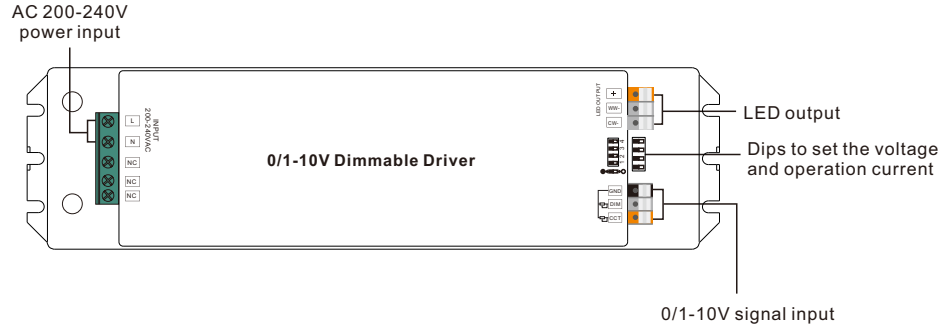


75W 0/1-10V LED Driver(Constant Current)



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

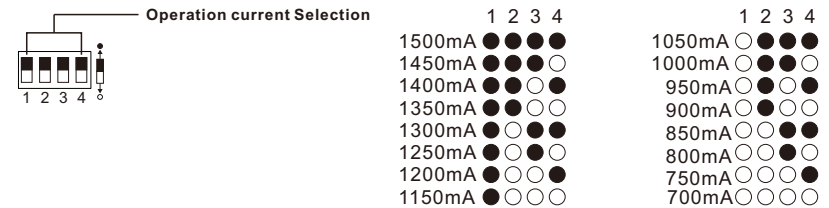
| | | | | | | | | | |
|--------|---------------------------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|
| Output | LED Channel | 2 | | | | | | | |
| | Selectable Current | 1500mA | 1450mA | 1400mA | 1350mA | 1300mA | 1250mA | 1200mA | 1150mA |
| | DC Voltage Range | 8-50V | 8-51V | 8-53V | 8-55V | 8-55V | 8-55V | 8-55V | 8-55V |
| | Selectable Current | 1050mA | 1000mA | 950mA | 900mA | 850mA | 800mA | 750mA | 700mA |
| | DC Voltage Range | 8-55V | 8-55V | 8-55V | 8-55V | 8-55V | 8-55V | 8-55V | 8-55V |
| | Current Tolerance | ±25mA | | | | | | | |
| | Rated Power | Max. 75W | | | | | | | |
| Input | Voltage Range | 200-240V AC | | | | | | | |
| | Frequency Range | 50/60Hz | | | | | | | |
| | Power Factor (Typ.) | > 0.98 | | | | | | | |
| | Total Harmonic Distortion | THD ≤ 7% (@ full load / 230VAC) | | | | | | | |
| | Efficiency (Typ.) | > 87% @ 230VAC full load | | | | | | | |
| | AC Current (Typ.) | 0.39A @ 230VAC | | | | | | | |
| | Inrush Current (Typ.) | COLD START Max. 8A at 230VAC | | | | | | | |
| | Leakage Current | < 0.5mA / 230VAC | | | | | | | |
| | Standby Power Consumption | < 0.5W | | | | | | | |

| | | |
|--------------|--------------------------|--|
| Control | Dimming Interface | 0/1-10V |
| | Dimming Range | 0.1%-100% |
| | Dimming Method | Hybrid (PWM+PFM) dimming |
| | Dimming Curve | Logarithmic |
| Protection | Short Circuit | Yes, recovers automatically after fault condition is removed |
| | Over Voltage | Yes, recovers automatically after fault condition is removed |
| | Over Temperature | Yes, recovers automatically after fault condition is removed |
| Environment | Working Temp. | -25°C ~ +45°C |
| | Max. Case Temp. | 85°C (Ta= "45°C") |
| | Working Humidity | 10% ~ 95% RH non-condensing |
| | Storage Temp. & Humidity | -40°C ~ +80°C, 10% ~ 95% RH |
| Safety & EMC | Safety Standards | EN61347-1, EN61347-2-13 |
| | Withstand Voltage | I/P-O/P: 3.75KVAC |
| | Isolation Resistance | I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH |
| | EMC Emission | EN55015, EN61000-3-2, EN61000-3-3 |
| Others | EMC Immunity | EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV |
| | MTBF | 193800H, MIL-HDBK-217F min. @ 230VAC at full load and 25°C ambient temperature |
| | Dimension | 244x64x32mm (L*W*H) |

Output Current

Select the correct output current before wiring to LED light by DIP Switches. Please make sure the power to the driver is disconnected before selection of the output current.

Dips to set output current



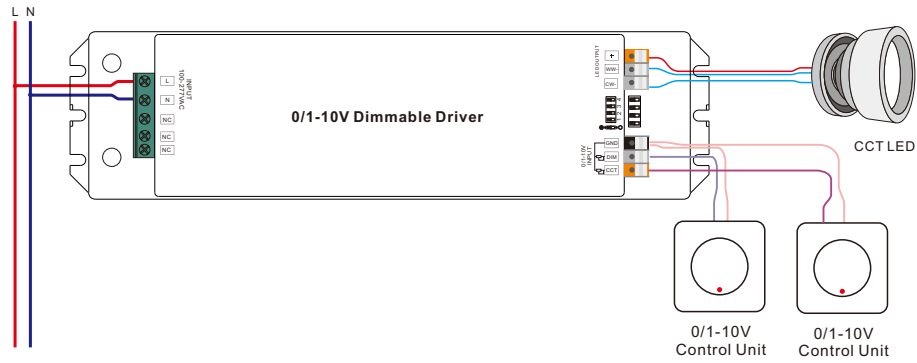
- 0/1-10V Dimmable LED driver
- 2 channels constant current output, total output power up to 75W
- Output current level selectable from 700mA to 1500mA by DIP switches
- Class II power supply, full isolated plastic case
- High power factor and efficiency

- Low standby power < 0.5W
- Compliant with Safety Extra Low Voltage standard
- Short circuit, over load, over temperature protection
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

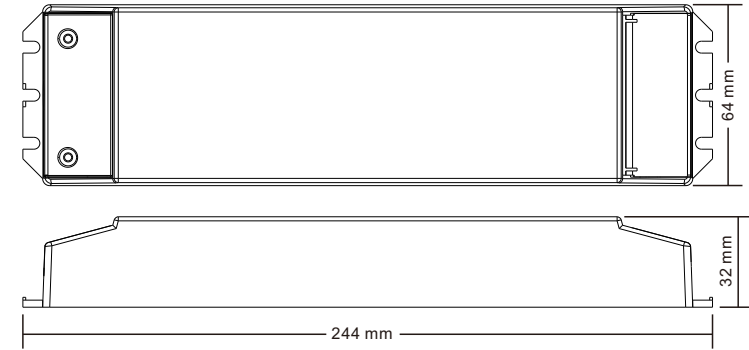
Safety & Warnings

- DO NOT install with power applied to the device.
- DO NOT set operation current with power applied to the device.
- DO NOT expose the device to moisture.

Wiring diagram



Product Dimension



Installation



Note: when mounting the driver, please choose any one of the three fixing screw holes to fix with a screw at each end.