

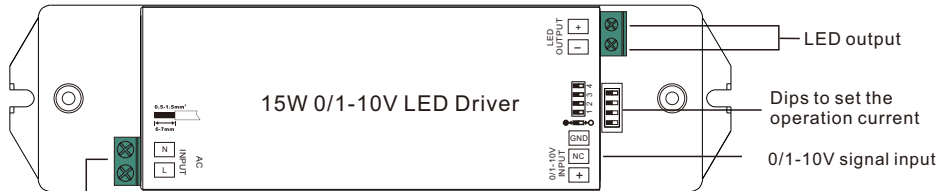
# 15W 0/1-10V LED Driver (Constant Current)

LED Controlled Device



**Important:** Read All Instructions Prior to Installation

## Function introduction



AC 200-240V power input

## Product Data

Output	Selectable Current	100mA	150mA	200mA	250mA	300mA	350mA	400mA	450mA
	DC Voltage Range	5-52V	5-52V	5-52V	5-52V	5-50V	5-43V	5-38V	5-33V
	Selectable Current	500mA	550mA	600mA	650mA	700mA			
	DC Voltage Range	5-30V	5-27V	5-25V	5-23V	5-22V			
	Rated Power	15W max.							
Input	Voltage Range	200-240V AC							
	Frequency Range	50/60Hz							
	Power Factor (Typ.)	> 0.95 @ 230VAC							
	Total Harmonic Distortion	THD ≤ 15% (@ full load / 230VAC)							
	Efficiency (Typ.)	85% @ 230VAC full load							
	AC Current (Typ.)	0.09A @ 230VAC							
	Inrush Current (Typ.)	COLD START 6.16A max. at 230VAC							
	Leakage Current	< 5mA / 230VAC							
Control	Dimming Interface	0/1-10V							
	Dimming Range	0.1%-100%							
	Dimming Method	Amplitude dimming (PWM dimming under 1%)							
	Dimming Curve	Logarithmic							
Environment	Working Temp.	-20°C ~ +45°C							
	Max. Case Temp.	85°C (Ta= "45°C")							
	Working Humidity	10% ~ 95% RH non-condensing							
	Storage Temp. & Humidity	-40 ~ +80 , 10% ~ 95% RH							

Protection	Short Circuit	Yes, auto recovery after fault removed
	Over Temperature	Yes, auto recovery after fault removed
Safety&EMC	Safety Standards	ENEC EN61347-1, EN61347-2-13 approved
	Withstand Voltage	I/P-O/P: 3.75KVAC
	EMC Emission	EN55015, EN61000-3-2, EN61000-3-3
	EMC Immunity	EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 0.5KV
Others	MTBF	190500H, MIL-HDBK-217F @ 230VAC at full load and 25°C ambient temperature
	Dimension	178*46*22 mm (L*W*H)

Dips to set the operation current



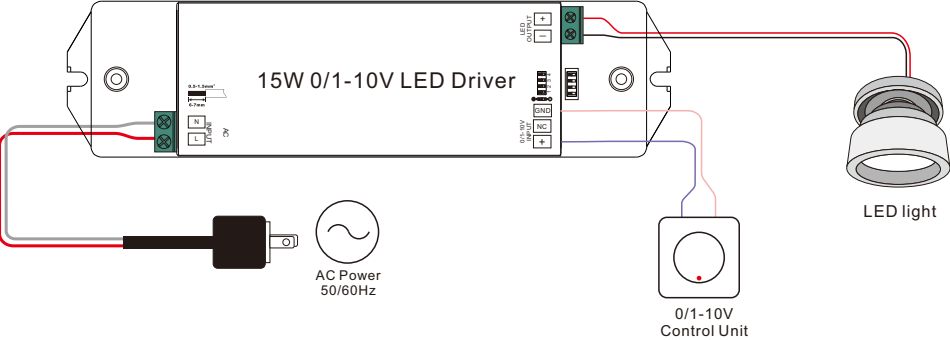
	1	2	3	4		1	2	3	4
100mA	○	○	○	○		●	○	○	○
150mA	○	○	○	●		●	○	○	○
200mA	○	○	○	○	●	●	○	○	○
250mA	○	○	○	○	○	●	○	○	○
300mA	○	○	○	○	○	○	○	○	○
350mA	○	○	○	○	○	○	○	○	○
400mA	○	○	○	○	○	○	○	○	○
450mA	○	○	○	○	○	○	○	○	○
500mA	○	○	○	○	○	○	○	○	○
550mA	○	○	○	○	○	○	○	○	○
600mA	○	○	○	○	○	○	○	○	○
650mA	○	○	○	○	○	○	○	○	○
700mA	○	○	○	○	○	○	○	○	○

- Dimmable LED driver. Max. output power 15W
- 1 channel 100~700mA constant current output, select by DIP switch
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To switch and dim LED luminaries
- Standby power consumption ≤0.5W
- Hybrid dimming method, smooth and deep dimming
- Built-in 0/1-10V interface; Compatible with universal 0/1-10V signal
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

## Safety & Warnings

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

**Wiring Diagram**



**Product Dimension**

