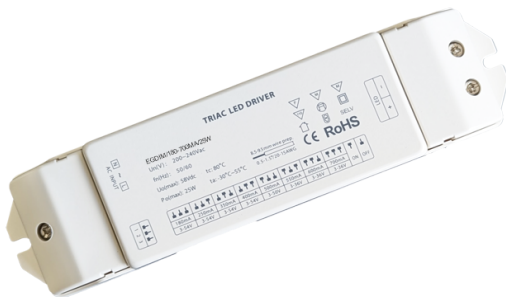


LED Driver 180-700mA 25W dimmbar

Art. EGDIM/180-700mA/25W

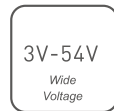
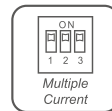


- Can work with leading edge and trailing edge TRIAC dimmers
- PWM digital dimming, no alter LED color temperature.
- Dimming range: 0~100%
- Multiple current, wide voltage, compatible with a variety of LED lights.
- Short circuit / Over-temperature protection.
- Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.

SELV



RoHS



Main Characteristics

Input Voltage Range:	200-240VAC $\pm 10\%$	Efficiency:	$\geq 83\%$
Frequency:	50/60Hz	No Load Output Voltage (max.):	$\leq 50VDC$
AC Current (typ.):	230VAC/ $\leq 0.2A$	Ripple & Noise (max.):	$\leq 500mV$
Withstand Voltage:	I/P-O/P: 3750VAC; Leakage Current $\leq 5mA$	Working Temp.:	-20 ~ +50°C (Refer to "Derating Curve")
Leakage Current:	<0.5mA/240V AC	Working Humidity:	20 ~ 95%RH, non-condensing
Rated Current:	180/250/350/400/500/550/600/700mA	Storage Temp., Humidity:	-40 ~ +80°C, 10~95%RH
Operating Voltage Range:	3-54V DC	Temp. Coefficient:	$\pm 0.03\%/^{\circ}C(0-50^{\circ}C)$
Current Accuracy:	$\pm 3\%$	Vibration:	10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes
Output Power Range:	0.54W~25W		

Protection

Short Circuit/Over Temperature: Auto recovery

Others

Dimension:	175×44×30mm(L×W×H)
Packing:	178×48×33mm(L×W×H)
Weight(N.W.):	120g±10g

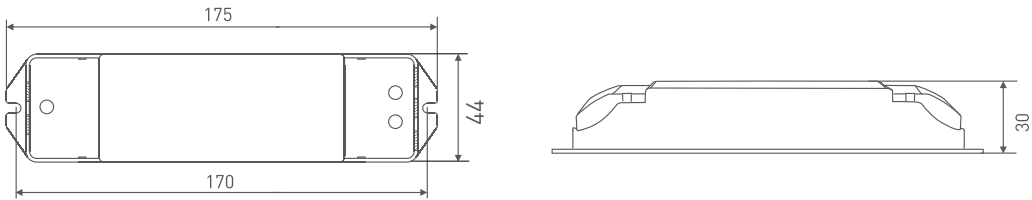
Safety & EMC

Withstand Voltage: I/P-O/P: 3750VAC;

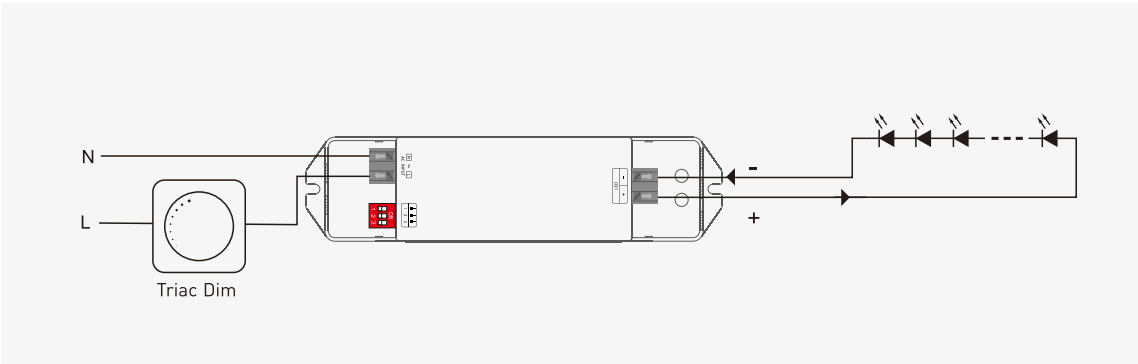
Isolation Resistance: I/P-O/P: 100M Ω /500VDC/25°C/70%RH

Safety specification: IEC/EN61347-1, IEC/EN61347-2-13, EN55015, EN61000-3-2 Class C, EN61000-4-2,3,4,5,6,8,11.

Dimensions

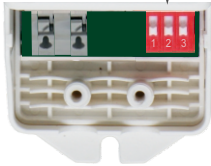


Connections



LED Current Selection

The current can be easily configured by choosing the correct combination of the DIP switches (see the table below).



180mA	250mA	350mA	400mA	500mA	550mA	600mA	700mA	ON	OFF		
3-54V	3-54V	3-54V	3-54V	3-50V	3-36V	3-36V	3-36V				

* E.g. LED 3.2V/pcs:
3-54V can power 1-16pcs LEDs in series, 3-36V can power 1-11pcs LEDs in series, the maximum quantity of LEDs in series will be subject to the actual voltage of LED.