

**SPECIFICATION**

Description	220-240V Triac Dimming LED Constant Current Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class II, IP20, thermally protected 110, independent driver	

<b>Product Name</b>		3254631
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**Input Parameters**

Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	Iin	0.06A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	12W
Power Factor (Full load)	$\lambda$	0.95
THD(Full load)		$\leq 25\%$
Efficiency (Full load)	$\eta$	$\geq 79\%$
No-load power		$\leq 1.0W$
Inrush current		$\leq 5A \& 100\mu s$ ( Cold Start )
Turn on time		$\leq 500ms$

**Output Parameters**

Output Voltage	Vout	15-35V
Output Current (Full load)	Iout	260mA $\pm 5\%$
Output Power (Full load)	Pout	9W
Operating Frequency(Full load)	Fout	70-80KHz
Ripple & Noise		$\leq 50mA$
Load Regulation		$\leq 5\%$
Line Regulation		$\leq 5\%$

**Ambient**

Storage Temperature	ts	-20 ...+ 70°C
Operating Ambient Temperature	ta	-20 ...+ 45°C
Case Temperature at tc Point	tc	85°C
Relative humidity		5 ...85%

**Protection**

No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

**System Parameters**

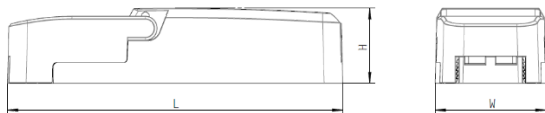
Withstand voltage		3.75KVAC, I leakage < 5mA, 60s
Expected Life		50,000Hours

**Compliances and approvals**

Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547

**Note**

1. All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
3. Expected Life:tc=80°C,0.2%/1000h failure rate.

**Physical Parameter**


Dimensions(LxWxH):109x40x22mm

Housing Material:PC Plastic

 Captured Terminal Screw for 0.75~2.5mm<sup>2</sup>
