

SPECIFICATION

Description	220-240V 0-10V Dimming LED Driver, Constant Current Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class II, IP20, thermally protected 110°C, independent driver	

Product Name	IE-25A		
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Input Parameters			
Rated Input Voltage	Uin	220-240VAC	
Input Current (Full load)	lin	0.16A	
Input Frequency	fin	50/60Hz	
Maximum Input Power	Pin	30.0W	
Power Factor (Full load)	λ	≥0.80C	≥0.9C
THD(Full load)		≤30%	≤25%
Efficiency (Full load)	η	≥85%	≥87%
No-load power		≤0.5W	
Stanby power		≤0.5W	
Inrush current		≤15.0A	
Turn on time		≤500ms	

Output Parameters								
Output Voltage	Vout	6-60V	6-60V	6-60V	6-60V	6-60V	6-50V	6-36V
Output Current (Full load)	Iout	200mA±5%	230mA±5%	260mA±5%	300mA±5%	350mA±5%	500mA±5%	700mA±5%
Output Power (Full load)	Pout	12W	13.8W	15.6W	18W	21W	25W	
Operating Frequency(Full load)	Fout	50KHz~120KHZ						
Ripple & Noise		≤150mA						
Load Regulation		≤5%						
Line Regulation		≤5%						

Ambient		
Storage Temperature	ts	-20 ... + 70°C
Operating Ambient Temperature	ta	-20 ... + 50°C
Case Temperature at tc Point	tc	85°C
Relative humidity		5 ... 85%

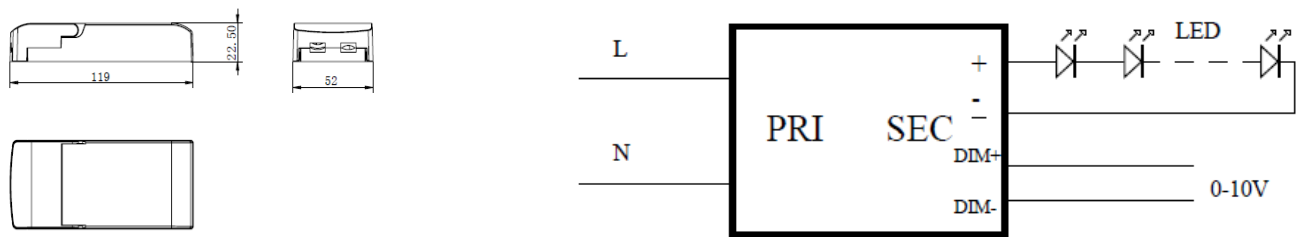
Protection		
No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

System Parameters		
Withstand voltage		3.75KVAC, Ileakage<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

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=85°C,0.2%/1000h failure rate

Physical Parameter



Dimensions(LxWxH): 119x52x22.5mm
 Housing Material:PC Plastic
 Input Captured Terminal Screw for 0.5~2.5mm², Output Captured Terminal Screw for 0.5~1.5mm²