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ALFA ELECTRONICS

Product Acknowledgment

Customer Name: _____

Specification model: SP-AIDF4050B

Date: _____

Edit	Audit	Approval	Customer Confirmation

Address :

Sr.No. 37/3, Ajinkyatara Industrial Estate, Vadgaon Khurd, Sinhagad Road, Pune - 411041.

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● Description:



- All protected model half aluminum housing, meet IP65 rating
- Protection type: open circuit, short circuit, overload
- Natural air cooling
- 100% full load aging test
- Low cost/high reliability
- Warranty period: 3 years

Input characteristic

Input voltage and frequency	85-285V 50/60hz
Input current	235ma AC220V A
Power factor	0.97
Efficiency	90.1%
Total harmonic content THD A	>7%

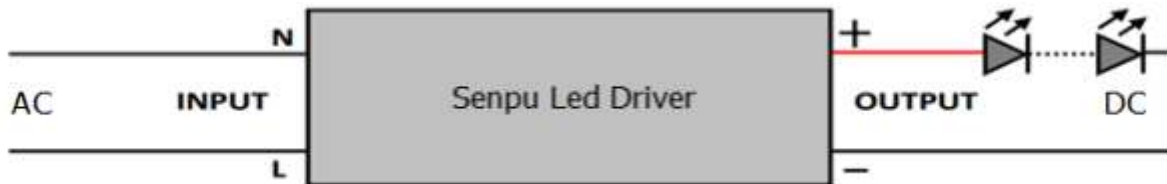
Output characteristic

Output voltage	50-85V
Output current	750ma ±5%
Output current range	600~750ma
Floating voltage	95V ±1V
Precision of constant current	3%
Turn on Delay Time	0.5S
Ripple percentage	<21%

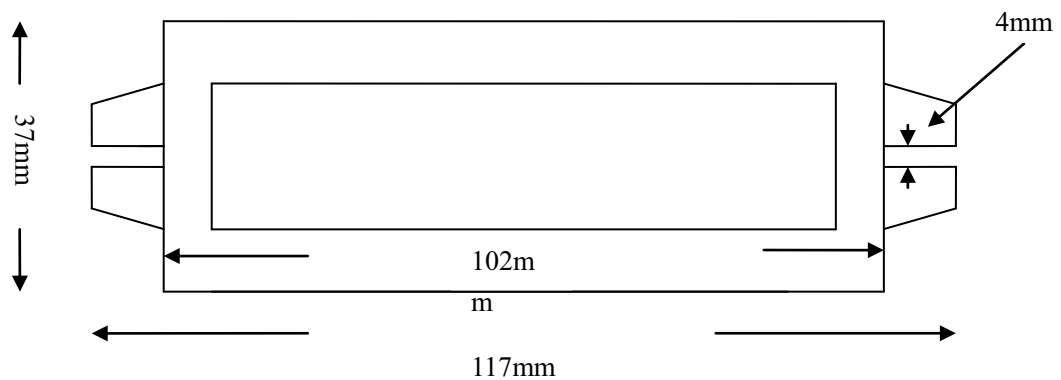
Protection	
No-load protection	When driver no-load can work normally
Input overvoltage protection	When the input exceeds 300V,the power will automatically stop work! Automatically start work after recovery
Lightning surge protection	>4KVA
Overload protection	The working voltage of the light source is beyond the scope of the output power, light blinking (burp protection)
Short-circuit protection	When the output short circuit, the power will protect, reduce the input power to milliwatts. The output separately power automatic working
Work environment requirements	
Working temperature/ humidity requirements	-30℃ to +45℃ 10%RH to 100%RH
Storage temperature/ humidity requirements	-40℃ to +85℃ 5%RH to 100%RH
Work surface temperature	Driver surface temperature<85℃
Safety standard and electromagnetic compatibility	
Certification mark	BIS
Certification standard	、 EN61347-2-13:2006 / IEC 61347-2-13 Ed.1.0
Electromagnetic compatibility	Not Applicable
Withstand voltage	3800V/30S
Others	
Overall dimensions	117MM*37MM*28MM Error range<1MM
Remark	
1: This product has the function of constant current, can maximum limit to protect the light is not affected by the driver itself overshoot current 2: The product output and completely isolated grid, the output voltage is safe.	

● **Nameplate:**

● **Wiring diagram:**



● **Installation size picture:**



End