

SP36-700ILT

- High Cost Performance, SELV.
- Short circuit, overload protection.
- Lifetime 30,000hrs



Items	Conditions	Request	Note
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Input

Input Voltage	Ta	198-264 Vac	---
Input Frequency		50Hz/60Hz	---
Input current	25°C, rated input voltage, output with max. rated power	< 0.25A	---
Input power		< 45W	---
Efficiency		≥ 80%	---
Standby	25°C, rated input voltage, output without load	< 1W	average
Inrush current	25°C, rated input voltage	< 75A	peak
PF	25°C, rated input voltage, output max. rated power	≥ 0.95	---

Output

Startup time	25°C, rated input voltage, output with max. rated power	< 0.5S	---
Output voltage and precision	Ta, rated input voltage, output with rated power	---	
Output current range	Ta, rated input voltage	---	
Output voltage wave	25°C, rated input voltage, output with max. rated power	---	Vp-p
Output overload	25°C, rated input voltage, output with 2 times LED load	---	
Output current and precision	Ta, rated input voltage, output with rated power	700mA ±10%	
Rated output voltage range	Ta, rated input voltage,	25.5-51 V	
Output current wave	input voltage, output with max. rated power	---	Ip-p
Dimming mode	---	triac	
Dimming range	---	10%-90%	

Temperature and others

Operation temp.	---	-20-45°C	---
Relative humidity	---	15%-90%	---
Max. case temp.	---	80°C	<90°C
Lifetime	Max.Ta rated input voltage output withmax. rated power	30,000hr	---
Working noise	25°C, rated input voltage output with rated power mute box background noise <35dB, pickup 10cm distance fromproducts	yes	---

Protection

Open circuit	Ta, rated input voltage, no load	---	---
Over load	Ta ,0.94-1.06 times of input voltage, 1.4times of rated power	yes	---
Short Circuit	Ta ,0.94-1.06 times of input voltage	yes	---
Over temperature	Ta ,0.94-1.06 times of input voltage,temperature detected pointed more than115 degree	yes	---
Over voltage	Ta ,0.94-1.06 times of input voltage,outputvoltage is 1.5 times of rated one	---	---
Auto recovery	Over load, short circuit revocation	yes	---
Latch off	Over voltage, over heat re-start after cut off	---	---

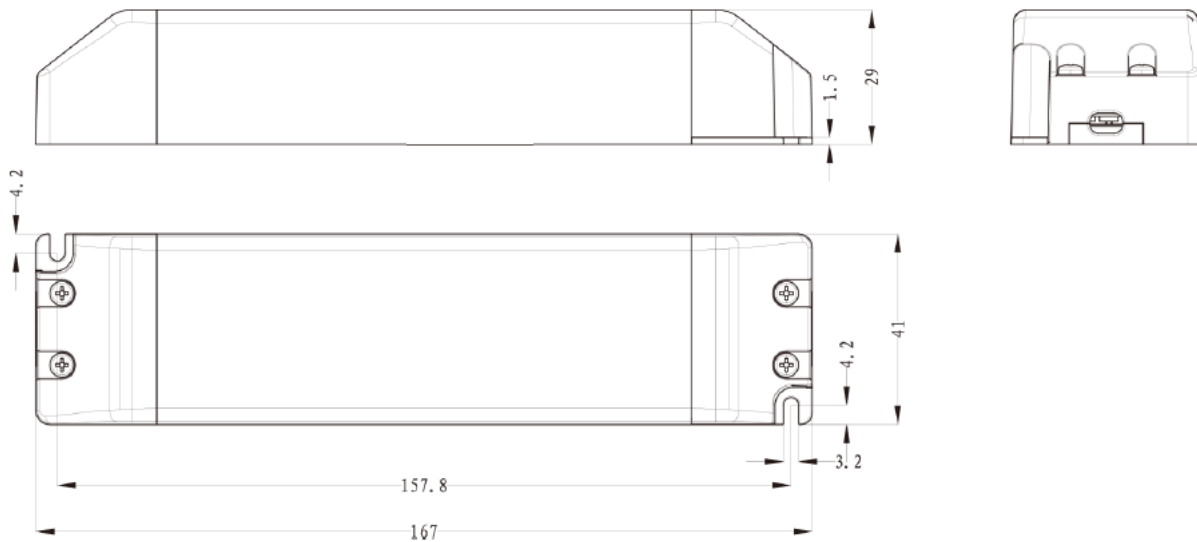
Mechanical, Mounting

Case materials and size	Plastic, 167x41x29mm
Mounting ways	Independent
Insulation type	Class II
IP grade	IP20
Input cables dimension	terminal block H03VVH2-F 2x0.75mm ²
Output cables dimension	terminal block H03VVH2-F 2x0.75mm ²
Output cables length	max 2m

Standard

Safety	IEC61347-1 IEC61347-2-13
Harmonic	EN61000-3-2
EMI	EN55015
EMS	IEC61547

Dimensions:



Wiring Diagram

