



LED POWER SUPPLY DATASHEET

SL75-24VF

· DESCRIPTION

Linear type LED drivers,high cost performance and meet SELV stanard. Widely used in all kinds of advertising light boxes and board,neon lights and other applications. Can also be applied in cabinet furniture and linear luminaire field. Compliance to ERP directive, lifetime 30,000hrs. 5 years warranty. Slim design save much space for installation. Dimmable design meet the requirements for dimming of all kinds of linear light.

WW W B C SELV A A C C CK X

-Input

Items	Conditions	Request	Note
Input voltage	Та	AC180-264V	-
Input frequency		50/60Hz	
Input current		< 0.6A	
Input power	25°C,rated input voltage, output with max. rated power	<88W	
Efficiency		≥ 89%	
Standby	25℃,rated input voltage, output without load	<0.5W	average
Inrush current	25°C,rated input voltage	<75A	peak
PF	25℃,rated input voltage, output max. rated power	≥ 0.9	

·Temperate and others

Item	Conditions	Request	Note
Operation temp.		-20-45℃	
Relative humidity		45%-85%	
Max. case temp.		90℃	1
Lifetime	Max.Ta,rated input voltage,output with max.rated power	30,000hr	-
Working noise	25 [°] C,rated input voltage,output with rated power ,mute box background noise<35dB,pickup 10cm distance from products	yes	1

·Protection

Items	Conditions	Request	Note
Open circuit	Ta, rated input voltage, no load		
Over load	Ta ,0.94-1.06 times of input voltage,1.8 times 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 point more than 115 degree	1	
Over voltage	Ta ,0.94-1.06 times of input voltage,output voltage is 1.5 times of rated one	yes	
Auto recovery	Over load, short circuit over voltage revocation	yes	
Latch off	over voltage re-start after cut off	yes	

-Output

Items	Conditions	Request	Note
Startup time	25℃, rated input voltage,output with max. rated power	<0.5S	-1
Output voltage and precision	Ta , rated input voltage, output with rated power	24V±5%	
Output current range	Ta ,rated input voltage	0-3.125A	75W
Output voltage wave	25℃, rated input voltage,output with max. rated power	600mV	Vp-p
Output overload	25℃,rated input voltage,output with 2 times LED load	yes	
Output current and precision	Ta , rated input voltage, output with rated power		
Rated output voltage range	Ta , rated input voltage,		
Output current wave	25℃, rated input voltage,output with max. rated power		Ір-р
Dimming mode			
Dimming range			

·Mechanical, mounting

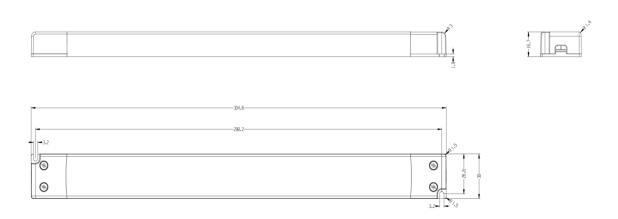
Items	Conditions
Case material and size	Plastic case
Mounting ways	Independent
Insulation type	Class II
IP grade	IP20
Input cables dimension	H03VVH2-F 2X0.75mm ²
Output cables dimension	H03VVH2-F 2X0.75mm ²
Output cables length	Max 2000mm

·Standard

Items	Conditions
Safety	IEC61347-1、IEC61347-2-13
Harmonic	EN61000-3-2 Class C
ЕМІ	EN55015
EMS	EN61000-4-2、3、4、5、6 EN61547



Dimensions(mm)



Wiring Diagram

