



LED POWER SUPPLY DATASHEET

SNP15-24VF-1

·DESCRIPTION

High Cost Performance,SELV.Open circuit, short circuit,overload and over temperature protection.Compliance to ERP directive,lifetime 30,000hrs.



·Input

Items	Conditions	Request	Note
Input voltage	Ta	200-240V	--
Input frequency		50/60Hz	--
Input current	25℃,rated input voltage, output with max. rated power	< 0.23A	--
Input power		< 20W	--
Efficiency		≥ 84%	--
Standby	25℃,rated input voltage, output without load	<0.5W	Average
Inrush current	25℃,rated input voltage,	<70A	Peak
PF	25℃,rated input voltage, output with max. rated power	≥ 0.5	--

·Temperature and others

Items	Conditions	Request	Note
Operation temperature	--	-20-45℃	--
Relative humidity	--	45%-85%	--
Max.case temp.	--	80℃	--
Lifetime	Max.Ta,rated input voltage, output with max. rated power	30,000hr	--
Working noise	25℃, rated input voltage,output with rated power,mute box background noise <35dB,pickup 10cm distance from products	yes	--

·Protection

Items	Conditions	Request	Note
Open circuit	Ta, rated input voltage, no load	--	--
Over load	Ta ,0.94-1.06 times of input voltage, 1.5 times of output 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 points more than 115 degree	--	--
Output over voltage	Ta ,0.94-1.06 times of input voltage,output voltage is 1.3 times of rated one	--	--
Auto recovery	Overload,Short circuit,over heat revocation	Yes	--
Latch off	Over temperature,over voltage re-start after cut off	--	--

·Output

Items	Conditions	Request	Note
Startup time	25℃,rated input voltage, output with max. rated power	<0.5S	--
Rated output voltage and precision	Ta,rated input voltage, output with rated power	24V±5%	--
Output current range	Ta ,rated input voltage	0-0.625A	--
Output voltage wave	25℃,rated input voltage, output with max. rated power	<500mV	Vp-p
Output overload	25℃,rated input voltage, output with 2 times LED load	--	--
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	--	Ip-p
Dimming mode	--	--	--
Dimming range	--	--	--

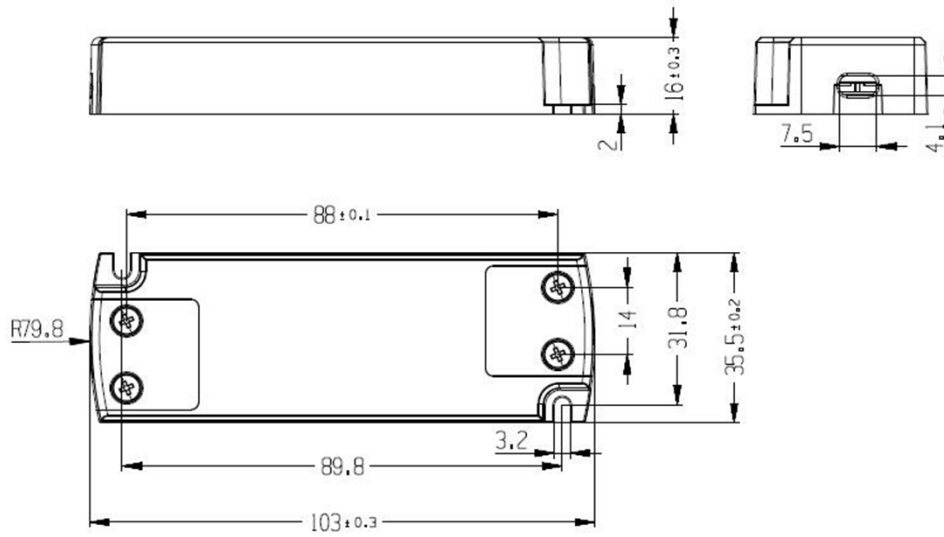
·Mechanical, mounting and wiring mode

Items	Conditions
Case material and size	Plastic 103x35.5x16mm
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. 2 meters

·Standard

Items	Conditions
Safety	IEC61347-1、IEC61347-2-13
Harmonic	EN61000-3-2 Class C
EMI	EN55015
EMS	EN61547

Dimensions(mm)



Wiring Diagram

