

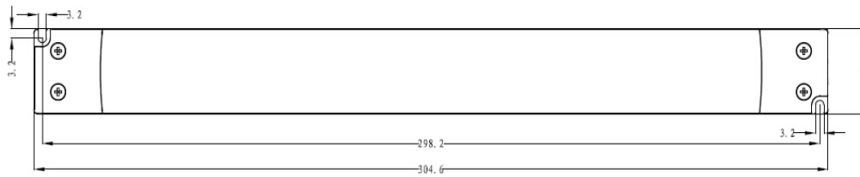
8 380 20 24 60 - IP20 LED power supply



1. Description

Linear type LED drivers, helpful for lightbox, profile or furniture lighting.SELV.Open circuit, short circuit,overload and over temperature protection.Class II,lifetime 30,000hrs.

2. Dimension



3. Specifications:

INPUT:			
Items	Conditions	Request	Note
Input voltage	Ta	AC180-264V	--
Input frequency		50/60Hz	
Input current	25°C, rated input voltage, output with max. rated power	<0,5A	--
Input power		<75W	--
Efficiency		≥88%	--
Standby	25°C, rated input voltage, output without load	<0,5W	average
Inrush current	25°C, rated input voltage	<75A	peak
PF	25°C, rated input voltage, output max. rated power	≥0,90	--

OUTPUT:			
Items	Conditions	Request	Note
Startup time	25°C, rated input voltage, with output max. rated power	<0,5s	80VAC 50Hz
Output voltage and precisio	Ta , rated input voltage, output with rated power	24V±5%	<26V
Output current range	Ta ,rated input voltage	0-2.5A	--
Output voltage wave	25°C, rated input voltage, output with max. rated power	<600mV	Vp-p
Output overload	25°C, 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°C, rated input voltage, output with max. rated power	--	Ip-p
Dimming mode	--	--	--
Dimming range	--	--	--

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Temperature and others:			
Items	Conditions	Request	Note
Operation temp.	--	-20-45°C	--
Relative humidity	--	45%-85%	--
Max. case temp.	--	80°C	<90°C
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	<35dB	--

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

Protection:			
Items	Conditions	Request	Note
Open circuit	Ta, rated input voltage, no load	--	--
Over load	Ta, 0.94-1.06 times of input voltage, 1.7 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	yes	--
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 and over heat revocation	yes	
Latch off	Over voltage re-start after cut off	yes	

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Standard	
Items	Conditions
Safety	IEC61347-1, IEC61347-2-13(with light IEC60598)
Harmonic	IEC61000-3-2
EMI	IEC55015
EMS	IEC61547

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