elektrogros ag
LED LICHTTECHNIK
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LED Driver 24V 36W dimmbar

Art. EGSP36-24

Dimensionen:158x45.8x18.3 mm



·Input

Items	Conditions	Request	Note
Input voltage	Ta	AC220-240V	--
Input frequency		50Hz	--
Input current	25℃,rated input voltage, output with max. rated power	＜0.25A	--
Input power		＜45W	--
Efficiency		⩾85 %	--
Standby	25℃,rated input voltage, output without load	--	average
Inrush current	25℃,rated input voltage	＜75A	peak
PF	25℃,rated input voltage, output max. rated power	⩾0.9	--

·Output

Items	Conditions	Request	Note
Startup time	25℃, rated input voltage,output with max. rated power	--	--
Output voltage and precision	Ta, rated input voltage, output with rated power	24V±5%	--
Output current range	Ta ,rated input voltage	0.5-1.25	12-36W
Output voltage wave	25℃, rated input voltage,output with max. rated power	--	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	--	triac	--
Dimming range	--	20%-90%	--

·Temperate and others

Item	Conditions	Request	Note
Operation temp.	--	-20-45℃	--
Relative humidity	--	15%-90%	--
Max. case temp.	--	90℃	--
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	--

.Mechanical, mounting

Items	Conditions
Case material and size	Plastic, 158x45.8x18.3mm
Mounting ways	Independent
Insulation type	Class II
IP grade	IP20
Input cables dimension	terminal block H03VVH2-F 2x0.75mm2
Output cables dimension	terminal block H03VVH2-F 2x0.75mm2
Output cables length	2000mm

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·**Protection**

Items	Conditions	Request	Note
Open circuit	Ta, rated input voltage, no load	--	——
Over load	Ta ,0.94-1.06 times of input voltage, 1.2 times of rated power	--	——
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 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 revocation	Yes	——
Latch off	over heat re-start after cut off	Yes	——

·**Standard**

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





