

## 1、 Product overview:



The casing structure is designed reasonably and can be installed inside and outside.

Isolation design,

Flicker free,

High efficiency,

Supports leading edge and trailing edge dimmers,

Have good compatibility with dimmers.

Suitable for class lamps,

Warranty : 5 Years

Certificates : CE,CB,RCM,MM,RoHS

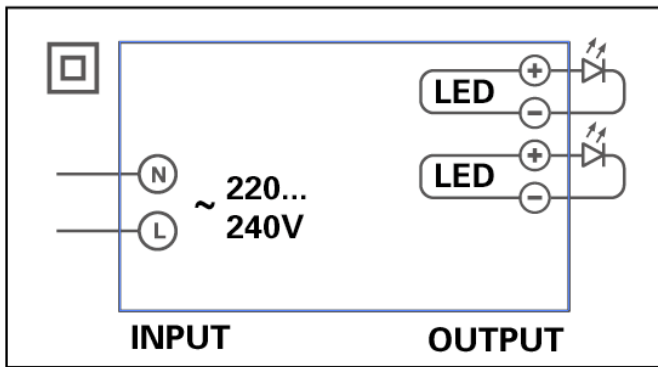
## 2、 Parameters

Model		HYL 75-24 TRIAC	HYL 150-24 TRIAC
Output	Output Voltage	24VDC	24VDC
	Output Current	3.12A Max	6.25A Max
	Output Power	75W	150W
	Voltage Accuracy	24±1V	24±1V
	Started Delay Time	< 1S@230VAC	< 1S@230VAC
	Ripple voltage	< 5 % (100 Hz)	< 5% (100 Hz)
Input	Nominal voltage	Rate voltage:220-240VAC, input voltage range:198-264VAC	
	Input frequency	50/60Hz@220-240VAC	
	Input current	0.40A	0.80A
	Power factor	≥0.97@230VAC	≥0.97@230VAC
	Total Harmonic Distortion (THD)	≤10%@230VAC	≤10%@230VAC

Dimming	Efficiency		≥87@230VAC	≥90@230VAC
	Inrush current		< 24A	< 50A
	Dimming range		5-100%	5-100%
	Dimming type		Phase cut dimming	Phase cut dimming
	Dimming frequency		3KHz	3KHz
Protection	OVP		YES	YES
	OLP		110%-150%	110%-150%
	OTP		YES	YES
	SCP		YES	YES
	OCP		YES	YES
Environment	Ambient temperature range $t_a$		-20...+45	-20...+45
	Storage temperature range		-40...+85	-40...+85
	IP rating	IP20		
lifetime	50000H	@230VAC, $t_a=45$		
Safety standards	Withstand Voltage	I/P-O/P:3.75KVac,<100mA 60S ; 符合 GB19510.14-2009& GB19510.1-2009		
	Insulation resistance	I/P-O/P,I/P-FG,O/P-FG:500VDC,Basic insulation>2MΩ&Reinforced insulation>4MΩ, GB19510.14-2009& GB19510.1-2009		
EMC	EMS	A temporary decrease or short interruption in voltage, conform to GB/T 17626.11		
		Electrostatic discharge, conform to GB/T17626.2		
		Group of pulse, conform to GB/T17626.4		
		Lighting surge, conform to GB/T17625.5		
	EMI	>3db, conform to GB 17743		

Other	Size		298*43*30mm	328*43*30mm
	Weight		375 g	400 g

### 3、Wiring Diagram



Convenient for connecting wire  
 If connecting one route wire, the output current too large will result in serious heat generation.

### 4、Dimension, Drawing Diagram

