

# Electronic LED Transformer, 12V, 8,3A dimmable

Art. Nr.:	51402255	Electronic LED Transformer, 12V, 8,3A dimmable
Output	Watt	100W
	Strom	8,3A
	Voltage	12V
	Ripple Voltage	120mV
Input	Input Voltage	195 ~ 264VAC
	Input Frequency	47~63Hz
	Power Factor	PF 0.5
	Input Current	1.25A
	Efficiency	≥85%
Protection	Over Current Protected	110%~130%
	Short Circuit Protected	No output,After remote exceptional condition automatic recovery
	Over Voltage Protected	280VAC
	Over Temp Protected	100 +/-10 °C P roTECTED mode :Close output voltage,Restart recovery
Environment	Working Temp	minus 30-60°C
	Storage Temp	minus 40-80°C
	Working Relative Humidity	10-50%
	Storage Relative Humidity	10-90%
	Cooling Method	Self Cooling
Insulation withstand voltage	Input to Output	3000Vac/10mA/1min
	Input to Ground	1500Vac/10mA/1min
	Output to Ground	500Vac/10mA/1min
Insulation inpedance	Input to Output	DC500V/10MΩ Min
	Input to Ground	
	Output to Ground	
Others	Size	232*49*30mm

Noted: If have no special explanation,All spec date are input 230VAC,Rated Load,  
Testing under ambient temperature 25°C

Between Sig+ and Sig-connect one pcs resistance or connect 1-10V DC voltage or 10V PWM  
signature,Can adjust output voltage

1-10V dimmer function adjust output voltage

Adjust Voltage	<u>1V</u>	<u>2V</u>	<u>3V</u>	<u>4V</u>	<u>5V</u>	<u>6V</u>	<u>7V</u>	<u>8V</u>	<u>9V</u>	<u>10V</u>
Rated Voltage ratio	<u>10%</u>	<u>20%</u>	<u>30%</u>	<u>40%</u>	<u>50%</u>	<u>60%</u>	<u>70%</u>	<u>80%</u>	<u>90%</u>	<u>100%</u>

10V PWM signal adjust output current : Frequency Range: 100Hz~3KHz

Duty Cycle	<u>10%</u>	<u>20%</u>	<u>30%</u>	<u>40%</u>	<u>50%</u>	<u>60%</u>	<u>70%</u>	<u>80%</u>	<u>90%</u>	<u>100%</u>
Rated Voltage ratio	<u>10%</u>	<u>20%</u>	<u>30%</u>	<u>40%</u>	<u>50%</u>	<u>60%</u>	<u>70%</u>	<u>80%</u>	<u>90%</u>	<u>100%</u>

Adjust output voltage Reference resistance value

Resistance	<u>10K Ohm</u>	<u>20K Ohm</u>	<u>30K Ohm</u>	<u>40K Ohm</u>	<u>50K Ohm</u>	<u>60K Ohm</u>	<u>70K Ohm</u>	<u>80K Ohm</u>	<u>90K Ohm</u>	<u>100K Ohm</u>
Rated Voltage ratio	<u>10%</u>	<u>20%</u>	<u>30%</u>	<u>40%</u>	<u>50%</u>	<u>60%</u>	<u>70%</u>	<u>80%</u>	<u>90%</u>	<u>100%</u>

100K potentiometer dimmer method 100K potentiometer dimmer method wiring diagram



## PRODUCT SIZE

