

Electronic Dimmable Transformer

24V 300W

Product Information

Description	300W/24V/ECV/TRFMR
Input volts	120V
Input wattage	300W
Output volts	24V
Minimum load	20%
Dimmable	ELV, MLV, Triac / Phase
Warranty	5 Years
Height	1.54"
Length	5.67"
Width	4.04"
Pack	20

G-97636



Product Information

Output		Input	
DC voltage	24V	Voltage range	120V AC
Voltage tolerance	±1.5V	Frequency range	50-60 Hz
Rated current	12.5A	Power factor	0.9
Rated power	300W	THD	<20% @ 100% Load
		Efficiency	90% @ 120V AC
		AC current	2.67A
		Leakage current	<0.5mA

Product Information

Protection

Short circuit	Shut down O/P voltage, re-power on to recover after fault condition removed
Over load	≤120% constant current limiting, auto-recovery
Over temperature	100°C ± 10°C shut down O/P voltage, automatically recover after cooling

Environment

Working temp	-40~+140°F (-40~60°C) *See derating curve
Working humidity	20~95% RH, non-condensing
Storage tem., humidity	-40- +176°F (-40~80°C), 10-95%RH
Temp coefficient	±0.03% /°C (0-50°C)
Vibration	10~500HZ, 5G 10 min/1 cycle, period for 60 min each along X,Y,Z axes

Safety & EMC

Safety standards	UL8750, CAN/CSA-C22.2 No. 250.13
Withstand voltage	I/P - O/P: 1.8 KVAC
Isolation resistance	I/P - O/P: 100MΩ/500VDC/25°C/70%RH
EMC emission	FCC 47 CFR PART 15, SUBPART B

Dimensions

