

## SPECIFICATION

Description	220-240V TRIAC Dimming LED Driver, Constant Voltage Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class II, IP20, thermally protected 110, independent driver	

<b>Product Name</b>		215-404
<b>Input Parameters</b>		
Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	Iin	0.16A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	29.0W
Power Factor (Full load)	$\lambda$	$\geq 0.95$
THD(Full load)		$\leq 20\%$
Efficiency (Full load)	$\eta$	$\geq 85\%$
No-load power		$\leq 1.0W$
Inrush current(Max)		5.0A&500us(Cold start)
Turn on time		$\leq 500ms$

<b>Output Parameters</b>		
Output Voltage	Vout	24V $\pm 5\%$
Output Current (Full load)	Iout	1.04A
Output Power (Full load)	Pout	25W
Operating Frequency(Full load)	Fout	55KHz
Dimming Range		1-100%
Ripple & Noise (Max)		900mVp-p
Load Regulation		$\pm 3\%$
Line Regulation		$\pm 3\%$

<b>Ambient</b>		
Storage Temperature	ts	-20 ... + 70°C
Operating Ambient Temperature	ta	-20 ... + 50°C
Case Temperature at tc Point	tc	70°C
Relative humidity		5 ... 85%


<b>Protection</b>		
No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

<b>System Parameters</b>		
Withstand voltage		3.75KVAC, Ileakage<5.0mA, 60S
Expected Life		30,000Hours

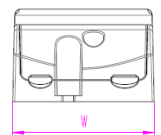
<b>Compliances and approvals</b>		
Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547

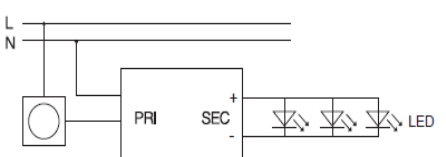
- Note**
- All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.
  - Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
  - Expected Life:tc=80°C,0.2%/1000h failure rate

**Physical Parameter**



Dimensions(LxWxH):122x52x30





Housing Material:PC Plastic

Push wire connections:0.5-0.75mm<sup>2</sup>