

## SPECIFICATION

Description	220-240V, Constant Current 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>		V9-30-700
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### Input Parameters

Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	lin	0.18A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	36W
Power Factor (Full load)	λ	≥0.95
THD(Full load)		≤15%
Efficiency (Full load)	η	≥87%
No-load power		≤0.5W
Inrush current		≤20A @200us
Turn on time		≤500ms

### Output Parameters

Output Voltage	Vout	30-42V
Output Current (Full load)	Iout	700mA±5%
Output Power (Full load)	Pout	30W
Operating Frequency(Full load)	Fout	50-110KHz
Ripple & Noise		≤60mA
Load Regulation		≤5%
Line Regulation		≤5%

### Ambient

Storage Temperature	ts	-20 ...+ 70°C
Operating Ambient Temperature	ta	-20 ...+ 50°C
Case Temperature at tc Point	tc	80°C
Relative humidity		5 ...85%

### Protection

No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

### System Parameters

Withstand voltage		3.75KVAC, Ileakage<5.0mA,60s
Expected Life		50,000Hours

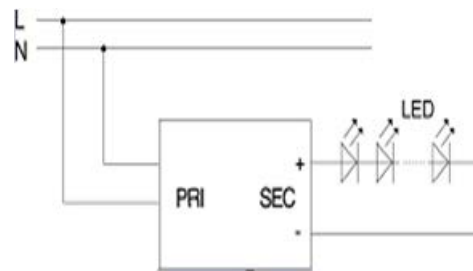
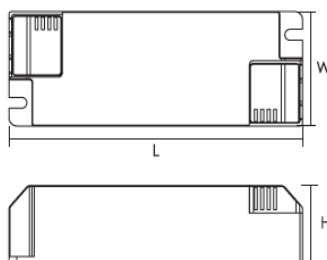
### Compliances and approvals

Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547

### Note

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

### Physical Parameter



Dimensions(LxWxH):116x41x25mm

Housing Material:PC Plastic

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