

SPECIFICATION

Description	220-240V Dimming LED Driver, Constant Current Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class II, IP65, thermally protected 110, independent driver	

Product Name		MINI-4-350T
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Input Parameters

Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	lin	0.03A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	6.0W
Power Factor (Full load)	λ	0.90C
THD(Full load)		$\leq 25\%$
Efficiency (Full load)	η	$\geq 72\%$
No-load power		$\leq 1.0W$
Inrush current		$\leq 5A \& 100\mu s$ (Cold Start)
Turn on time		$\leq 500ms$

Output Parameters

Output Voltage	Vout	6-12V
Output Current (Full load)	Iout	350mA $\pm 5\%$
Output Power (Full load)	Pout	4.2W
Operating Frequency(Full load)	Fout	70KHz
Ripple & Noise		$\leq 650mA$
Load Regulation		$\leq 5\%$
Line Regulation		$\leq 5\%$

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

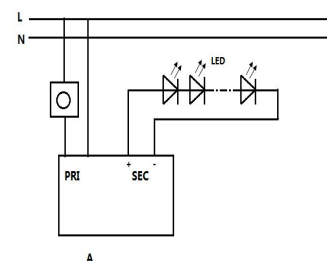
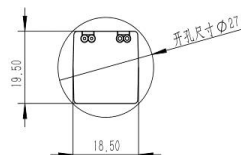
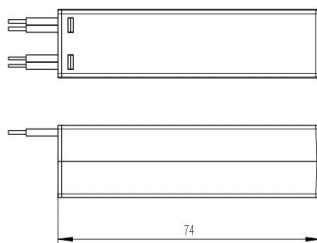
Withstand voltage		3.750KVAC, Ileakage < 5.0mA, 60s
Expected Life		50,000Hours

Compliances and approvals

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

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): 74x18.5x19.5mm

Housing Material:PC Plastic

Input Wire、 Output Wire:VDE 7726 0.5mm²