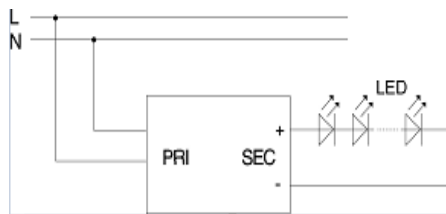
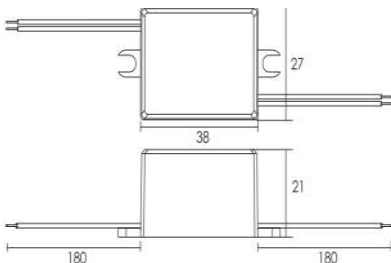


**SPECIFICATION**

Description	100-240V LED Driver, Constant Current Driver	
Electrical Characteristics	Ta = 25°C, 100-240Vrms input, standard reference load; unless otherwise specified	
Class II, IP65, thermally protected 110, independent driver		
<b>Product Name</b>		MINI500mA/4W
<b>Input Parameters</b>		
Rated Input Voltage	Uin	100-240Vac
Input Current (Full load)	Iin	0.1A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin (W)	6.0W
Power Factor (Full load)	λ	≥0.40C
Efficiency (Full load)	η	≥75%
No-load power		≤0.5W
Inrush current		≤15.0A
Turn on time		≤500ms
<b>Output Parameters</b>		
Output Voltage	Vout	2.5-8V
Output Current (Full load)	Iout	500mA±5%
Output Power (Full load)	Pout	4.0
Operating Frequency(Full load)	Fout	64KHZ
Ripple & Noise		≤90mA
Load Regulation		≤5%
Line Regulation		≤5%
<b>Ambient</b>		
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%
<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
Average Service 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**
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): 38x27x21mm  
 Housing Material:PC Plastic  
 Input Wire: UL1007 18AWG(200mm±20)