

# LED-10W/700mA

SPECIFICATIONS

## Standards

Converter meets CE standards  
 Pending approval by UL as a class 2 recognized component.  
 UL File # E254177  
 VDE and VDE EMV Pending  
 RoHS compliant

## Available Versions

901010700-LED 10W-700mA  
 (plastic casing)  
 901010700P-LED 10W-700mA  
 (aluminium casing/European version)  
 901010700PU-LED 10W-700mA  
 (aluminium casing/USA version)

## Mechanical and Thermal

### PC plastic casing

Dimensions (mm) 27 x 40 x 100  
 Dimensions (in) 1.06" x 1.57" x 3.94"  
 Weight 90 grams / 3 ounces  
 Tc Max 90°C  
 Ta Max 50°C  
 Terminal Block Connection

### Aluminium casing/European version

Dimensions(mm) 23 x 40 x 81  
 Weight 155 grams  
 Tc Max 90°C  
 Ta Max 50°C  
 Output wire –  
 VDE 0250 0.75mm<sup>2</sup> 300/500V 180°C  
 Input wire –  
 VDE 0250 FEP/FEP 0.75mm<sup>2</sup> 300V 180°C

### Aluminium casing/USA version

Dimensions (in) 0.91" x 1.57" x 3.19"  
 Weight 5.45 ounces  
 Tc Max 90°C  
 Ta Max 50°C  
 Output wire –  
 UL type 1332 or similar 18AWG 300V 200°C  
 Input wire –  
 UL type 1332 or similar 18 AWG 300V 200°C  
 Grounding wire



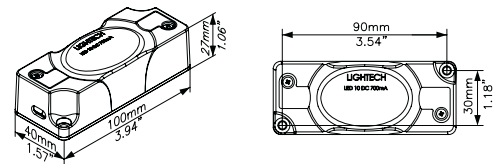
## Electrical

|                                      |                    |
|--------------------------------------|--------------------|
| Load                                 | 2-10VA             |
| Input                                | 120-240V 0/50/60Hz |
| Output current                       | 700mA±50mA         |
| Output voltage                       | 2.3-15V            |
| Efficiency                           | 68%                |
| EMC (RFI) –                          |                    |
| FCC Class A consumer limits/EN 55015 |                    |
| Harmonics                            | EN 61000-3-2       |
| Electrostatic Discharge              | IEC61000-4-2       |
| EMC Immunity                         | IEC61000-4-3       |
| Burst                                | IEC61000-4-4       |
| Surge                                | IEC61000-4-5       |
| Injected RF                          | IEC61000-4-6       |
| Mains interruption                   | IEC61000-4-11      |
| Immunity                             | EN 61547/61047     |
| Safety                               | EN 61347-2-13      |
| SELV                                 |                    |

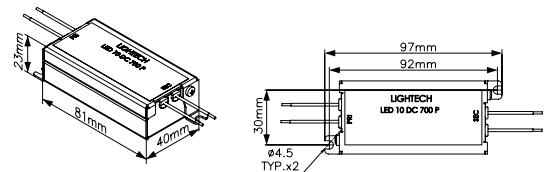
## Protection and Regulation

Electronic internal resettable short circuit protection. Thermal protection and overload regulation.

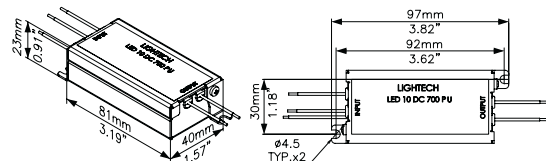
901010700



901010700P



901010700PU • 901010700HP



See reverse side for more information →



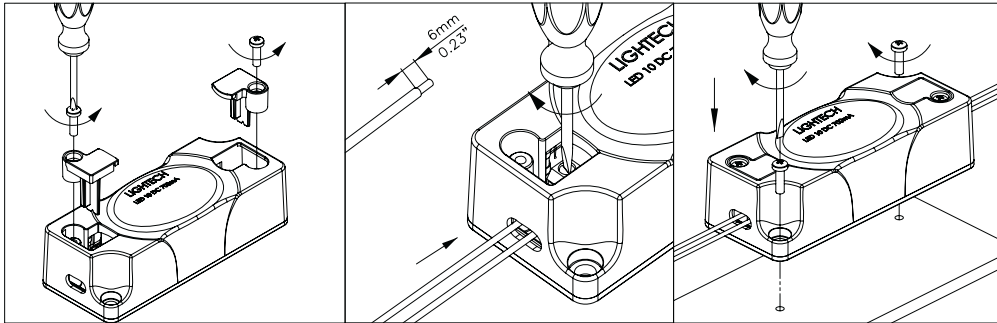
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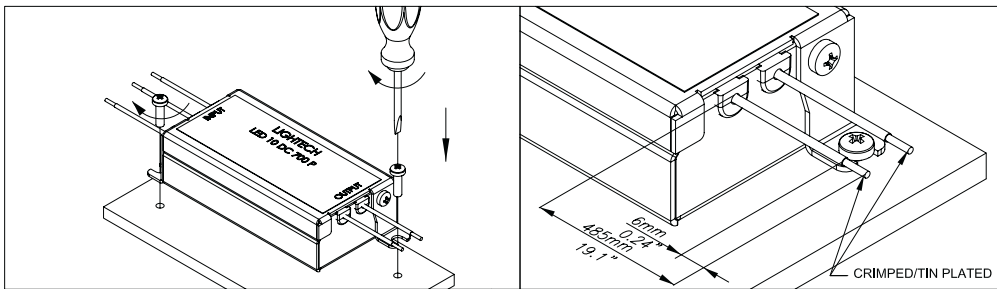
## Mounting Instructions

901010700



901010700P

901010700PU

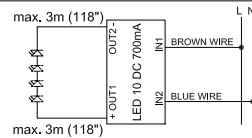


901010700

901010700P

LED 700mA

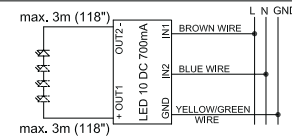
From 1 to 4 leds in series.



901010700PU

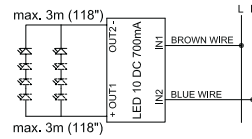
LED 700mA

From 1 to 4 leds in series.



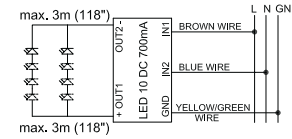
LED 350mA

From 1 to 4 leds in series. 2 leds in parallel, with or without crossover.



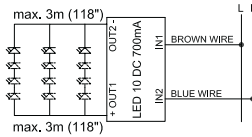
LED 350mA

From 1 to 4 leds in series. 2 leds in parallel, with or without crossover.



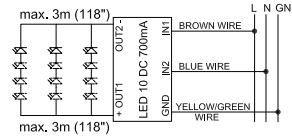
LED 233mA

From 1 to 4 leds in series. 3 leds in parallel, with or without crossover.



LED 233mA

From 1 to 4 leds in series. 3 leds in parallel, with or without crossover.



## Safety Instructions:

1. Always disconnect power before installation and/or removal of the unit.
2. Install in accordance with national and local electric codes.
3. Wires: Input and output wires 0.75mm<sup>2</sup> or 18AWG.