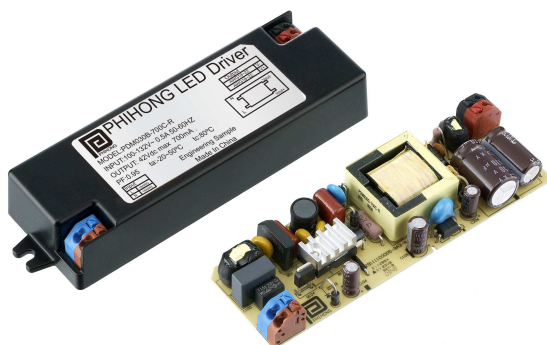




PDA015B-350C Driver

100-120V 15W 350mA Constant Current LED Driver



Features

- Power Factor >0.9
- Efficiency >82%
- OVP, OCP and Short-Circuit Protection
- Life Time: >20K hours @50°C or 122°F
- Operating Temperature: -20~50°C or -4~122°F
- Low Profile Design (<21mm)
- ROHS Complied
- 3 Years Warranty

Applications

- Indoor Lighting
- For Dry Locations Only

Safety Approvals

- UL, cUL, PSE(Pending)
- FCC Part 15 Class B

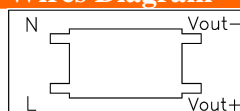
Mechanical Characteristics

- Length: 132mm (5.2in)
- Width: 40mm (1.57in)
- Height: 21mm (0.83in)
- Weight: 120g (1.6oz)

Output Specifications

Model	Output Voltage Range			Constant Current			Max Power
	Min.	Typ.	Max.	Min.	Typ.	Max.	
PDA015B-350C	17.5V	--	42V	300mA	350mA	400mA	16.8W

Wires Diagram



Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

INPUT:

AC Input Voltage Range
90 to 132VAC

AC Input Voltage Rating
100 to 120VAC

AC Input Frequency
47-63Hz

OUTPUT:

Total Output Power
Typical 15W

Efficiency
>82% at 100-120VAC and maximum load

Power Factor
>0.9at 100-120VAC and maximum load

Output Current Ripple
<1A at maximum load

Turn On Delay Time
<1 second

Turn On Over Shoot
<1A

ENVIRONMENTAL:

Operating Temperature -20 to 50°C
Storage Temperature -20 to 85°C

Operating Humidity 10 to 95%
Storage Humidity 5 to 95%

Warranty
3 Years

Approbation
UL8750, PSE(pending)

EMC
FCC Part 15 Class B

Mechanical Outlines

Immunity
EN61000-4-2
EN61000-4-3

EN61000-4-4
EN61000-4-5
EN61000-4-6
EN61000-4-8
EN61000-4-11
EN61000-3-2 Class C

HI-POT Test

Primary to Secondary: 3000VAC, <5mA

Insulation Resistance

Primary to Secondary: 500VDC, >5 M ohm

FEATURES:**Input Over Current Protection**

The input power line will be fused with a 1.6A / 250Vac time-lag fuse.

Short Circuit Protection

The power supply will withstand a short circuit across the outputs without damage. The driver will be auto recovery.

Output Overvoltage Protection

The output shall be protected (latched) from over voltage fault. @ 120Vac input under condition of CR mode of electrical load.

Open Circuit Protection

Once the circuit is opened, the outputs will be no damage at Normal AC input conditions.

Number of mains supply On/Off switching

>13,000 times on 45 seconds turn on then 45 seconds turn off

MTBF

>200K hours @ 50°C or 122°F

AC Input Connector (CN1)

Anytek: HC0200C00002G or equivalent
Mating: Solid or Stranded wire 16~18 AWG, Brown-Line, Blue: Neutral

DC Output Connector (CN2)

Anytek: HC0200C00001G or equivalent
Mating: Solid or Stranded wire 16~22 AWG, Red: LED+, Black: LED-

Mouser Electronics

Authorized Distributor

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[PDA015B-350C-R](#)