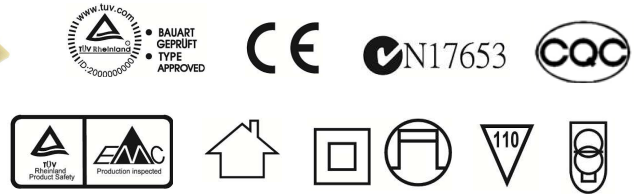
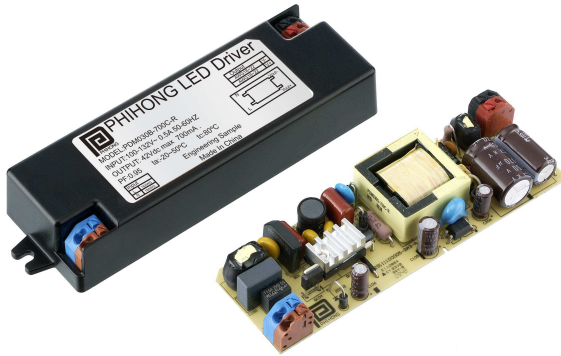




PDA010A-700C 220-240V 10W 700mA Constant Current LED Driver



Features

- Power Factor >0.9
- Efficiency >70%
- OVP, OCP and Short-Circuit Protection
- Life Time: >20K hours @50°C or 122°F
- Operating Temperature: -20~50°C or -4~122°F
- SELV
- ROHS Complied
- 3 Years Warranty
- IP20

Applications

- Indoor Lighting

Safety Approvals

- TUV EN61347-2-13
- SAA, Ctick
- CE
- CQC

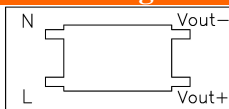
Mechanical Characteristics

- Length: 106mm (4.17in)
- Width: 40mm (1.57in)
- Height: 21mm (0.83in)
- Weight: <90g (1.2oz)

Output Specifications

Model	Output Voltage Range			Constant Current			Max Power
	Min.	Typ.	Max.	Min.	Typ.	Max.	
PDA010A-700C	7.5V	--	12V	650mA	700mA	750mA	9W

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
211 to 264VAC

AC Input Voltage Rating
230 to 240VAC

AC Input Frequency
47-63Hz

OUTPUT:

Total Output Power
Typical 8.4W

Efficiency
>70% at 230-240VAC and maximum load

Power Factor
>0.95 at 230-240VAC and maximum load

Output Current Ripple
<1A at maximum load

Turn On Delay Time
<0.5 seconds

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
CE, TUV-EN61347-2-13, SAA, CQC

EMC
TUV-EMC, Ctick

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: 3750VAC, <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. @ 230Vac input under condition of CR mode of electrical load.

Open Circuit Protection

Once the circuit is opened, the output voltage shall be kept below 16V.

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-