

PCC18TD Series



18W Triac Dimming LED Lighting Power Supplies



Key Features:

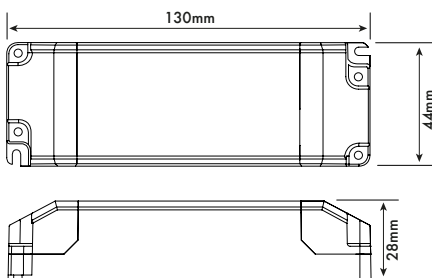
- Constant current mode power supply
- 220-240V AC input
- 1-100% Triac dimming function
- Captive terminal screws for ease of connection
- Screw lock cable strain relief for quick installation
- Short circuit, over load, over temperature protections
- Class II product
- Cooling by free air convection
- Leading and trailing edge operation
- SELV Equivalent
- Low inrush current <2A

PCC18TD SPECIFICATION

Part Code	PCC35018TD	PCC50018TD	PCC70018TD	PCC105018TD
Voltage	220V ~ 240VAC	220V ~ 240VAC	220V ~ 240VAC	220V ~ 240VAC
Inrush	<1.2A	<1.2A	<1.2A	<1.2A
Frequency	50 ~ 60 Hz	50 ~ 60 Hz	50 ~ 60 Hz	50 ~ 60 Hz
Power Factor	0.95	0.95	0.95	0.95
Voltage	26-52V	18-36V	13-26V	9-18V
Current	350mA	500mA	700mA	1050mA
Power	18W	18W	18W	18W
Efficiency (TYP.)	82%	80%	78%	76%
Over Load	100 ~ 135% rated output power			
Over Temperature	Thermal shutdown			
Dimming Control	1 ~ 100%, Triac controlled			
Setup Time	<2s			
Temperature	Operating: -20 ~ +40°C (on PCC50018TD); Storage: -20 ~ +80°C			
Safety Standard	Design refers to EN61347-1:2001, EN61347-2-13:2001			
EMC	Compliance to EN55015, EN61547			
MTBF	90K hrs min. MIL-HDBK-217F (25°C)			
Packing	0.15Kg / 1pc; 20pcs / 13.6Kgs 0.51CUFT / 1 CTN			
Connections	Screw terminal on I/P			
Weight	150g	150g	150g	150g
Dimensions	130 x 44 x 28mm	130 x 44 x 28mm	130 x 44 x 28mm	130 x 44 x 28mm



Mechanical Diagrams



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