

PCC12TD Series



12W Triac Dimming LED Lighting Power Supplies



Key Features:

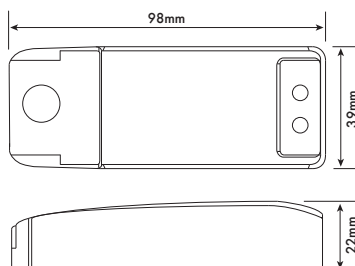
- High power factor
- Constant current mode power supply
- 220-240V AC input
- Captive terminal screws for ease of connection
- Screw lock cable strain relief for quick installation
- Short circuit, over load, over temperature protections
- Class II product
- Cooling by free air convection
- SELV Equivalent
- Leading & Trailing Edge only Dimming Operation

PCC12TD SPECIFICATION

Part Code	PCC35012TD	PCC50012TD	PCC70012TD	PCC105012TD
Inrush	<1.2A	<1.2A	<1.2A	<1.2A
Voltage	220V ~ 240VAC	220V ~ 240VAC	220V ~ 240VAC	220V ~ 240VAC
Frequency	50 ~ 60 Hz	50 ~ 60 Hz	50 ~ 60 Hz	50 ~ 60 Hz
Power Factor	0.95	0.95	0.95	0.95
Voltage	18-35V	12-24V	9-18V	6-12V
Current	350mA	500mA	700mA	1050mA
Power	12W	12W	12W	12W
R&N	45mA	55mA	80mA	105mA
Efficiency (TYP.)	80%	80%	78%	78%
Over Load	100 ~ 135% rated output power			
Over Temperature	Thermal shutdown			
Dimming Control	1 ~ 100%, Triac controlled			
Setup Time	<2s			
Temperature	Operating: -20 ~ +50 °C ; Storage: -20 ~ +80 °C			
Safety Standard	Design refers to EN61347-1:2001, EN61347-2-13:2001			
EMC	Compliance to EN55015, EN61547			
M.T.B.F.	90K hrs min. MIL-HDBK-217F (25 °C)			
Packing	N.W.:0.07Kg / 1pc; 100pcs / 8.5Kgs			
Connections	Screw terminal on I/P & O/P		Screw terminal on I/P & O/P	
Weight	70g	70g	70g	70g
Dimensions	98 x 39 x 22mm	98 x 39 x 22mm	98 x 39 x 22mm	98 x 39 x 22mm



Mechanical Diagrams



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