

PCC 36TD Series

36W Triac Dimming LED Lighting Power Supplies



Case: 8046GX
166 x 52 x 24 mm

Features

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

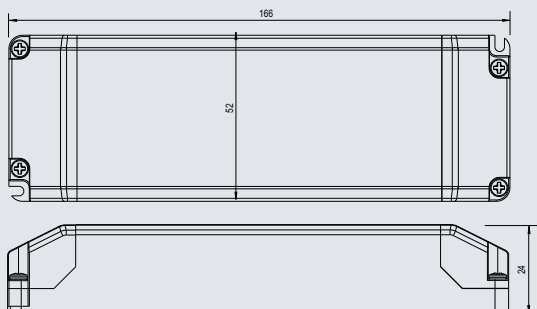


Specification

INPUT	Voltage	220V ~ 240VAC		
	Frequency	50 ----- 60 Hz		
	Power Factor	0.9		
OUTPUT	MODEL No.	PCC105036TD	PCC70036TD	PCC50030TD
	Voltage	16~35V	24~52V	30~56V
	Current	1050mA	700mA	500mA
	Power	36W	36W	30W
	R&N	400mA	250mA	220mA
	Efficiency (TYP.)	82%	85%	85%
PROTECTION	Over Load	100~135% rated output power		
	Over Temperature	Thermal shutdown		
ELEC. CHAR.	Dimming Control	1~100%, Triac controlled		
	Setup Time	<2s		
ENVIRONMENT	Temperature	Operating: -20 ~ +50°C ; Storage: -20~ +80°C		
SAFETY	Safety Standard	Design refers to EN61347-1:2001, EN61347-2-13:2001		
	EMC Emissions	Compliance to EN61000-3-2, EN61000-3-3, EN55015		
EMC	EMC Immunity	Compliance to EN55015, EN61547		
OTHERS	M.T.B.F.	50K hrs min. MIL-HDBK-217F (25°C)		
	Packing	N.W.:0.15Kg / 1pc		

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.
4. Derating may be needed under low input voltage. Please check the static characteristics for more details.
5. The power supply is considered a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation.
6. Length of set up time is measured at first cold start. Turning the power supply ON/OFF may lead to increase of the set up time.
7. In the European market this power supply is only suitable for LED lighting applications that don't have to comply with the harmonic current requirements of EN61000-3-2 Class C
8. Suitable for indoor use or outdoor use without direct sunlight exposure.

Dimensions



Case: 8046GX Unit: mm

LED Configuration

