

PCV1 Series



10W IP65 CONSTANT VOLTAGE LED LIGHTING POWER SUPPLY

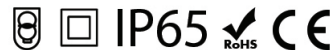


Key Features:

- Constant Voltage mode power supply
- Universal AC input
- IP65 design for indoor or outdoor installation
- Short circuit & over temperature protections
- Pre-wired for convenience
- Cooling by free air convection
- Class II power unit, no FG

PCV1 SPECIFICATION

Part Code	PCV1
Input Voltage	100V ~ 240VAC
Frequency	50 ~ 60 Hz
Input Current	0.085A@230Vac
Leakage Current	0.5mA@240VAC input
Power Factor	0.5
Output Voltage	12V
Output Current	830mA
Power	10W
Efficiency (TYP.)	>68%
Over Load	20% exceed is allowing
Set Up Time	<1s@230VAC at full load
Voltage Tolerance	±1.0V
Temperature Operating:	-10°C to +40°C ; Storage: -20°C to +80°C
Safety standard	Designed to meet EN61347-1:2001/EN61347-2-13:2001
EMC	Emission Compliance to EN55015; EN61547
Connections (Input)	2 core double insulated cable VDE H03VV-F 3G*0.75mm ² Brown and blue (L=200mm)
Connections (Output)	2 core double insulated cable for each channel VDE H03VV-F 2G*0.75mm ² Black and red (L=200mm)
Weight	105g
Dimensions	65 x 35 x 23mm



1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. 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.
3. Direct connection to LEDs is recommended, not suitable for use with additional drivers.

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Mechanical

