

## Features

- Surge voltage rating = 10kV using industry standard 1.2/50us wave
- High temperature, 85°C maximum surface temp rating, flameproof plastic enclosure
- The PD-10KD05KWS is 3-leaded device that protects Vin+-Vin-; Vin+-PE; Vin--PE in accordance with IEC EN61000-4-5 guidelines.
- Only Suitable for Inventronics LED Drivers



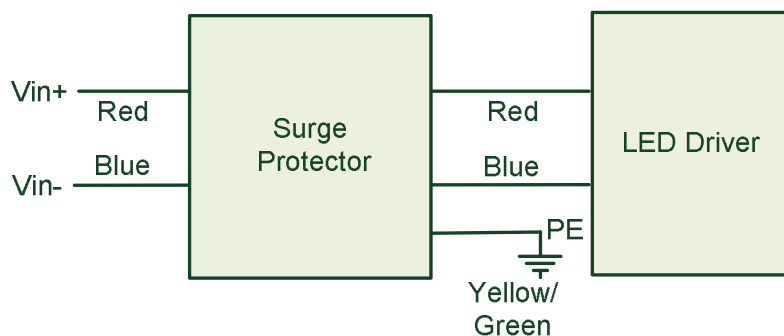
## Description

The PD-10KD05KWS is designed to be used in conjunction with LED Drivers to provide an additional level of surge and transient protection in industrial and commercial applications.

## Models

Model	Input Voltage	Clamping Voltage (Vin+-Vin-)	Clamping Voltage (Vin+-PE; Vin--PE)	In (8/20uS)
PD-10KD05KWS	12~36 Vdc	≤0.5k V	≤1.0kV	5 kA

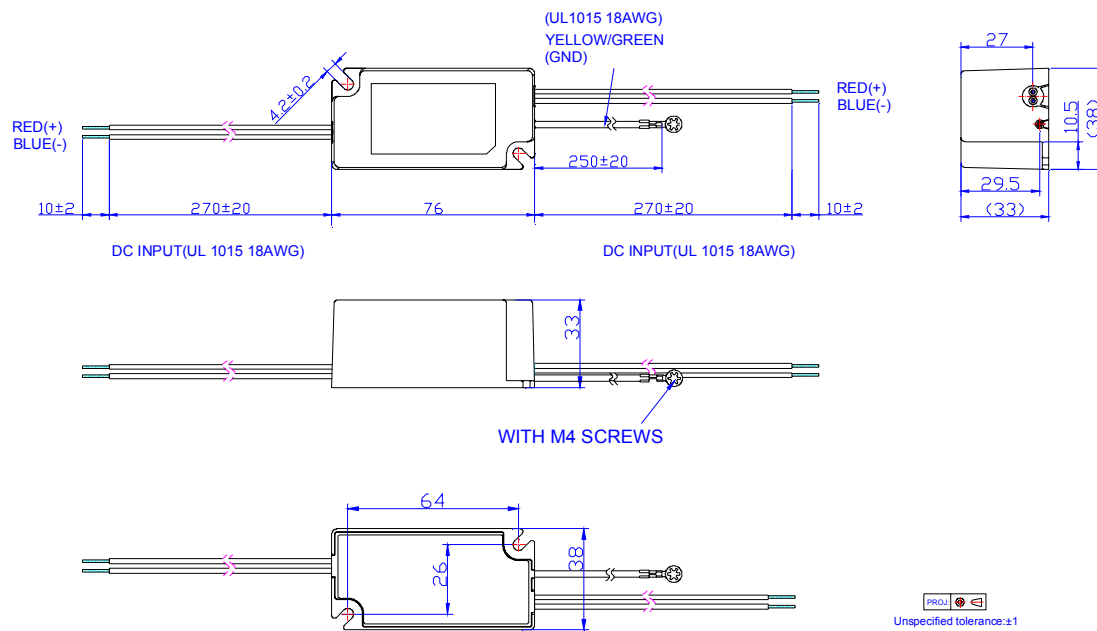
## Wiring



## Environmental Specifications

Parameter	Min.	Typ.	Max.	Notes
Operating Ambient Temperature	-40°C	-	+70°C	Humidity: 10% RH to 100% RH
Operating Case Temperature	-40°C	-	+70°C	Full load condition. Humidity: 10% RH to 100% RH
Storage Temperature	-40°C	-	+85°C	Humidity: 5% RH to 100% RH

## Mechanical Outline



## Revision History

Change Date	Rev.	Description of Change		
		Item	From	To
2013-11-21	A	Datasheets Release	/	/