

## Configurations

1451-023 Rev. D

Nominal Service Voltages	120 VAC
Voltage Protection Levels*	330 V
Surge Current Ratings	
8/20 $\mu$ s	700 A
IEEE Location Category & Exposure Rating**	A3
Operating Temperature	-30 °C to +65 °C
Dimensions:	6.5"H X 3"W X 2.7"L 16.5 cm X 7.6 cm X 6.9 cm
Response Time (Max.)	<5 Nanoseconds

\* Voltage protection level determined at 6kV 500A.

\*\* Waveform, location category and exposure rating per IEEE/ANSI C62.41-1991.



## Features

- Hard wire, compact unit.
- Indicator light.
- AC power cut-off.
- Easy connect terminal block.
- Excellent protection for lightning and transient surges.

## Installation

1. Four mounting hole locations support #eight screws. Place the unit within the enclosure next to the AC input.

2. See figure 1 for wiring terminals.

3. Connect the 120VAC power source to the two outside screw terminals labeled LINE and NETURAL. Connect the hot side of 120VAC to the LINE terminal (Figures 2 and 3).

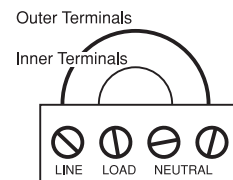


Figure 1  
Top View of CP2341

4. Connect the fire alarm control panel to the two inside screw terminals marked LOAD and NEUTRAL (Figures 2 and 3).

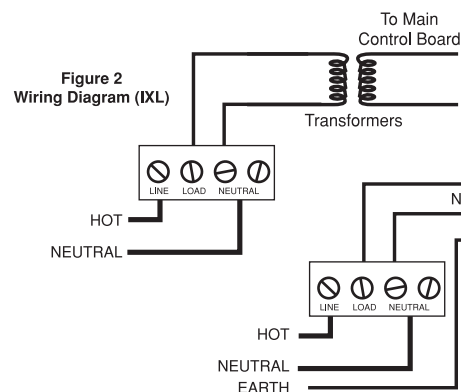


Figure 2  
Wiring Diagram (IXL)

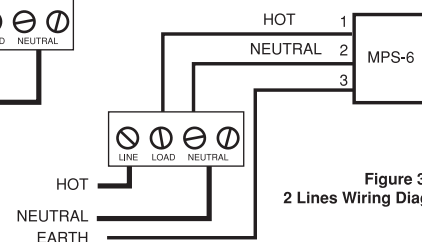


Figure 3  
2 Lines Wiring Diagram (MXL)

## Actual Applications

Protects against lightning transients

MXL

IXL

XLS



## Warranty

Five (5) year unconditional warranty  
Ten (10) year manufacturer warranty