

Transient Voltage Surge Suppressor Model ADI-250/SUP

The Model ADI-250/SUP is a single stage, high energy clamping protector.

The purpose is to clamp high voltage pulses occurring on the 250 volt DC bus to a predictable level to protect down-stream electronics. The primary source of this transient energy occurs when turning off inductive loads such as DC lifting magnets. The magnitude can be a few thousand volts for milliseconds.

- Housing - steel, wall mounted NEMA 13, 20"H x 16"W x 10"D
- Weight - 50 lbs

The primary component is a Selenium Surge Suppressor with the following characteristics:

- **Response Time – Nanoseconds**
- **Maximum Continuous DC Voltage – 337.5**
- **Dissipation – 50 W normal mode**
- **Capacitance – 48 uFd normal mode**
- **Maximum Clamping Voltage @ 200A for 300 us = 900 volts Fail**
- **Safe (short) – 60 A Fuse opens**
- **Energy Dissipation – 100,000 Joules Peak**
- **Instant Recovery**

