

BAD WOLF LLC



# Industrial Surge Protection

## 480V 3 Phase Delta Surge Protection (3P3W)



Bad Wolf is the industry leader for high power affordable surge protectors. We recognized most manufacturers use old style components that are lower power, larger, and heavier. Our products are designed using the latest technology making them stronger, faster, smaller, and lighter.

Depending on several factors including geographic location, home size, service amperage and more we are able to offer the right protection for you. If a customer needs a custom solution we can provide that as well.

Protection against EMP, Lightning, Power Cycle Surges, Brown Out, and more...



### Technical Data

Surge capacity : 3PD480V 260,000 A

Line Voltage : 480V 3 Phase Delta, 50/60 Hz

Response Time : Less than 3nS (typical)

## Installation Instructions :

This surge protector is a Type 2 device and designed to be installed downstream of the service disconnect.

Plan your installation and make sure that all electrical circuits are de-energized before attempting to install this device.

Meet all National and Local codes (NEC Article 285 and UL 1449 address SPDs)

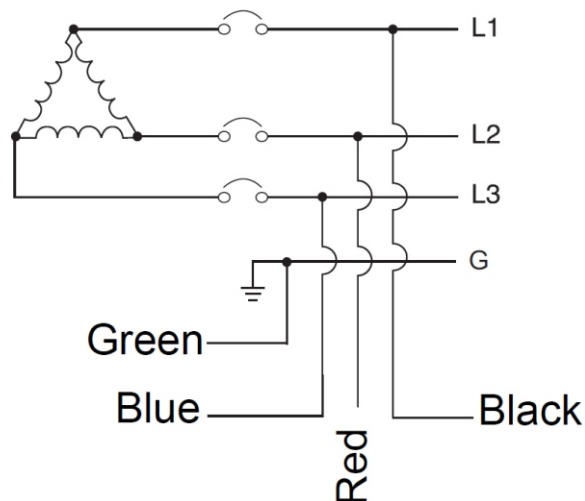
Verify correct voltage, use above or below rated device voltage will cause failure.

Mount the surge protector as close to panel or equipment as possible keeping leads short.

Use in conjunction with at least a 20A fuse or circuit breaker for each line.

Make sure system is grounded per NEC guidelines.

### **480V Three Phase Delta (3P3W)**



Connect the Green ground connection first followed by the Black, Red and Blue to each phase line.

Once all connections are made, verify that there are no sharp edges making contact with the wiring and that the system is bonded per NEC guidelines.

Energize and confirm proper operation of all line lights. If one or all of the lights are not illuminated once power is applied, check all connections and test again. If you still do not have correct operation contact Bad Wolf for technical support.

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