



DITEK Corporation  
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# INSTALL INSTRUCTIONS

DTK-HL480

This Surge Protection Device (SPD) is a high performance device, designed to provide protection for sensitive electronic loads connected to service panels, fire panels, or where the SPD is directly connected to the electronic device. Maximum protection will only be achieved if the SPD is properly installed.

Please read and follow the installation instructions carefully.

**NOTICE:** This SPD should be installed by a qualified electrician in accordance with the National and Local Electrical Codes and the following instructions.

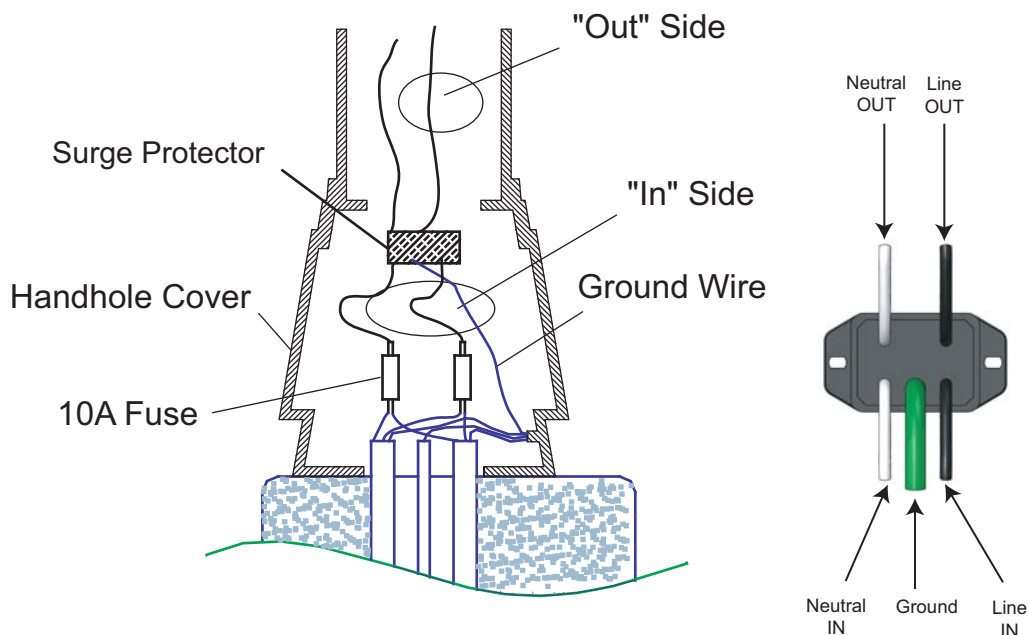
## APPLICATION

Surge suppression for hardwired series installations on 480 VAC single branch highway lighting circuits.

## INSTRUCTIONS:

**Caution:** Measure all voltages to insure applied voltage does not exceed the voltage rating of the unit. Improper installation voids the warranty.

1. Turn off the power at the circuit breaker or main before beginning installation.
2. Remove the handhole cover.
3. Securely mount this unit at the base of the light pole.
4. Connect the ground wire (Green) to the grounding lug located opposite of the handhole.  
**Ground Resistance Rule:** Max ground resistance is 25 ohms, 5 ohms or less is optimum. This cannot be an assumed value and must be measured to assure proper grounding.
5. Connect the input side wires (Black and White) to the 10A fuse outputs.
6. Connect the output side wires (Black and White) to the ballast wire inputs.
7. After all connections have been made and no hazards exist, restore power.



DITEK Technical Support Available 24/7

1-888-472-6100

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