



DITEK Corporation
ONE DITEK CENTER
1720 Starkey Road
Largo, FL 33771

INSTALL INSTRUCTIONS

DTK-DL 3 Phase Series

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 3 phase highway lighting systems.

INSTRUCTIONS:

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

This unit must be connected in series with the equipment to be connected.

1. Turn off the main power before beginning the installation.
2. Securely mount the unit at the base of the light pole.
3. Connect the ground (Green) wire to the grounding lug located opposite the handhole.
4. Always have one common ground per system to eliminate the possibility of a differential in ground potentials.

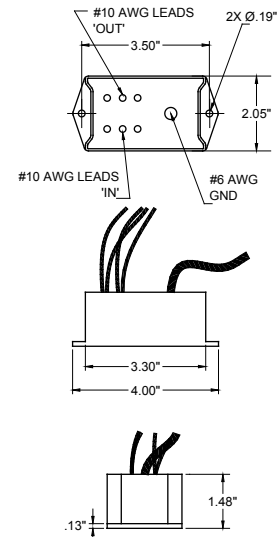
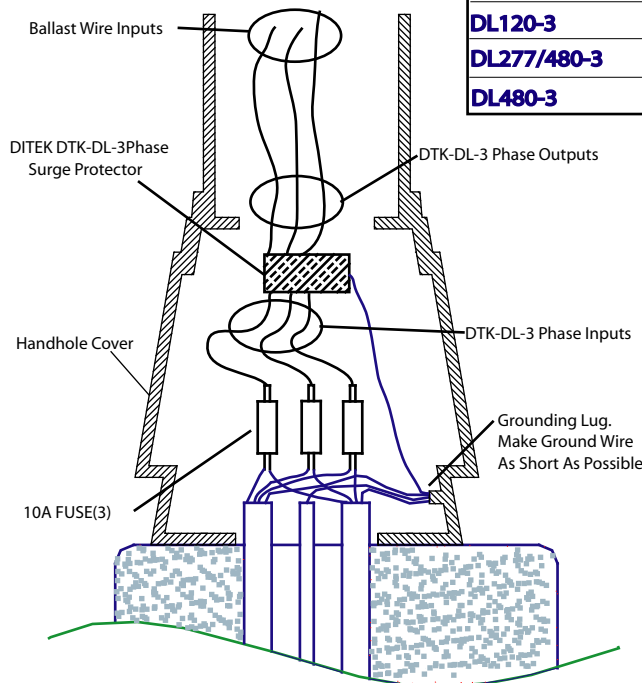
Ground Resistance Rule: Max ground resistance is 25 ohms, 5 ohms or less is optimum.

This cannot be an assumed value and must be measured to assure proper grounding.

5. Connect the input side phase (Black) wires to the 10A fuse outputs.
6. Connect the output side phase (Black) wires to the ballast wire inputs.
7. After all connections have been made and no hazards exist, restore power.

EXPECTED SYSTEM VOLTAGES (VAC)

MODEL	L1-G	L2-G	L3-G	L1-L2	L1-L3	L2-L3
DL120-3	120	120	120	240	240	240
DL277/480-3	277	277	277	480	480	480
DL480-3	480	480	480	480	480	480



DITEK Technical Support Available 24/7
1-888-472-6100
www.ditekcorp.com

Doc # INT-100042-001
Part No. 191513 Rev. 1

Drawn By: J.Ramirez 8-23-07
Approved By: R. Mitchell 8-23-07

INSTALLATION