



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

INSTALL INSTRUCTIONS

DTK-240HW

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 and grounded, by a licensed contractor, per the applicable requirements of the NEC and the following instructions.

APPLICATION

Type 1 and Type 2 SPD for hardwired parallel installations on 240 VAC single branch circuits. Expected system voltages: L-G = 240VAC, L-N = 240VAC.

INSTRUCTIONS:

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

Warning: No Serviceable Parts-**Attention:** Aucune pièce remplaçable ou réparable
For Use Only With A Flexible Conduit System Or Direct Connection To Panel

NOTE: Suitable for use on a circuit capable of delivering not more than 10,000 rms symmetrical Amperes, when protected by a 20 Ampere circuit breaker rated 250 Volts minimum.

1. Turn off the power at the circuit breaker or main before beginning installation.
2. If necessary, remove front cover from the panel.
3. Remove 3/4" knockout on side of panel box.
4. Unscrew nut from unit.
5. Feed all wires and the DTK-240HW nipple through knockout hole then through nut, tighten nut securing the unit as shown.
6. For **electrical panel/disconnect installation**, refer to diagram. In this application, connect the DTK-240HW to the load side of the fuse or single pole circuit breaker. Also, make sure the leads are as short as possible with the ground wire being the shortest of all.
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.
8. After all connections have been made and no hazards exist, restore power.
9. This device is suitable for use on a circuit capable of delivering not more than 10,000 rms symmetrical amps, 600 volts maximum.
10. This device features an internal protection that will disconnect the surge protective component but will maintain power to the load - now unprotected. If this situation is undesirable for the application, follow the manufacturer's instructions for replacing the device.

ELECTRICAL PANEL/DISCONNECT INSTALLATION

