



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

INSTALL INSTRUCTIONS

DTK-120/240XD

NOTICE: This SPD should be installed by a licensed contractor in accordance with all applicable National and Local Electrical Codes and the following instructions.

APPLICATION

Type 1 SPD for hardwired installation on a 120/240 VAC split phase electrical service. SPD is permitted to be installed on the line side of the main service equipment overcurrent protective device when using a UL or CSA listed electrical connector and NEC-compliant termination method.

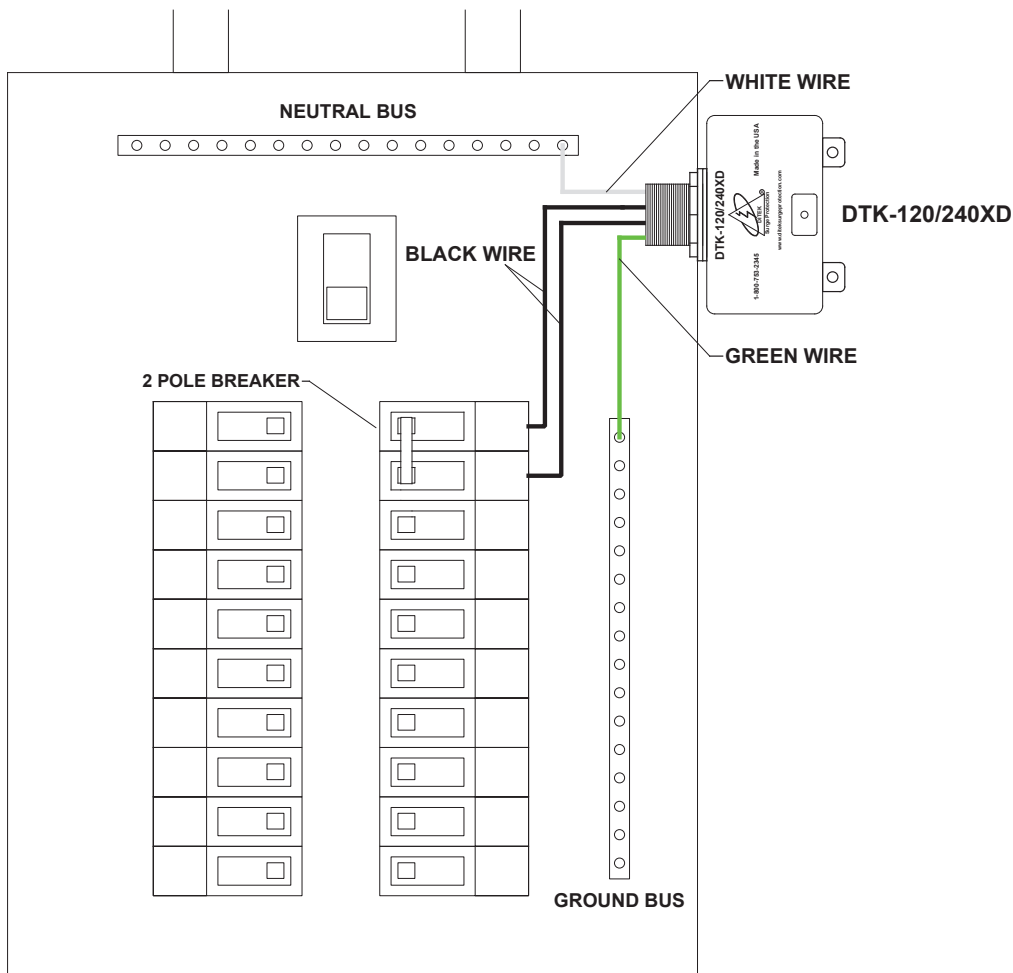
INSTRUCTIONS

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

NOTE: Suitable for use on a circuit capable of delivering not more than 100,000 rms symmetrical Amperes. Recommended circuit breaker size is 20 Amps. This SPD contains no serviceable parts.

1. Turn off the power at the circuit breaker or main breaker before beginning installation.
2. Remove front cover from the electrical panel.
3. Determine the ideal mounting position of the SPD by orienting the unit as close as possible to the position of the 2-pole circuit breaker selected for the SPD connection.
4. Remove a 3/4" knockout in the electrical panel or drill a 3/4" NPT hole in the electrical panel.
5. Feed all wires through the knockout hole and secure the SPD to the electrical panel with the 3/4" locknut.
6. Connect the Ground wire (Green) to the Grounding bus of the panel.
7. Connect the Neutral wire (White) to the Neutral bus of the panel.
8. Connect the (2) Phase wires (Black) to the load side of the 2-pole circuit breaker.
9. Make sure the wire leads are as short as possible.
10. After all connections have been made and no hazards exist, replace panel cover and restore power.

BREAKER PANEL



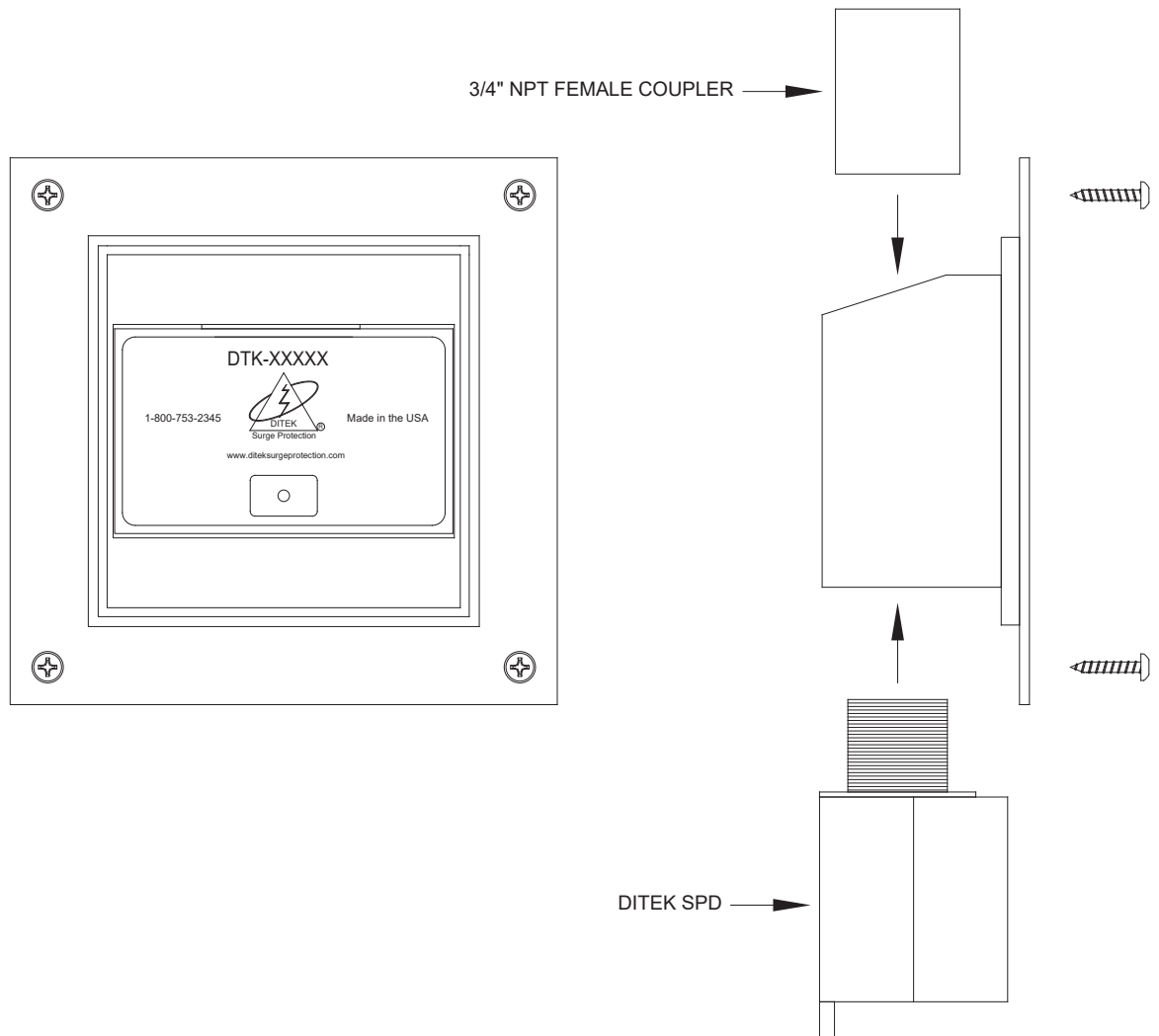


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OPTIONAL INSTALLATION USING THE DTK-FMK FLUSH MOUNT KIT



INSTALLATION