

Manual of Dual Voltage Surge Protector 10KA



ELECTRICAL SHOCK HAZARD – Before installing this unit, turn off power at the main service panel by removing the fuse or switching the appropriate circuit breaker to the OFF position.

SPECIFICATIONS:

Model: IKT-SURPRK-DV2

Nominal Discharge Current: 10,000 Amps

Installation Point: Electrical Panel, Electrical Disconnect

Short Circuit Current Rating (SCCR): 200,000 Amps

Mounting: 1/2" straight nipple;

Maximum Continuous Operating Voltage (MCOV): L-G:150 Vac, L-L:300 Vac

Diagnostics: Green light indicates surge suppression present

Service Voltage: 120/240 Volt Split Phase

AC Protection Modes: L-L, L-G

Size: 2.2 "XΦ1.55"

Weight: 0.26 lbs.

A/C DISCONNECT INSTALLATION:

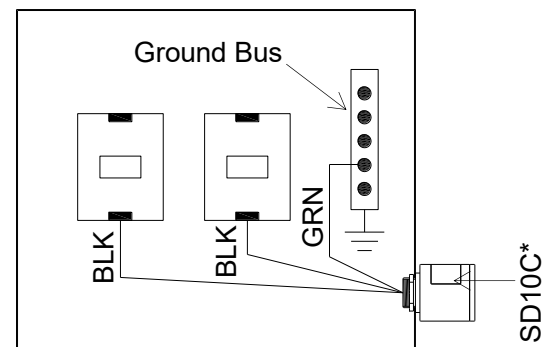
The unit can be installed at the main breaker panel or the service disconnect for the A/C condenser.

Recommends installation at the service disconnect for the A/C condenser.

Keep the surge protection wires as short as possible to increase the response time and effectiveness.

Method A:

1. Turn off the main power to the service disconnect.
2. Remove the cover on the service disconnect.
3. Remove a knockout from the service disconnect.
4. Mount the unit through the knockout to the side of the service disconnect.
 - 4.1 Remove the retaining ring on the unit.
 - 4.2 Feed the wires into the service disconnect.
 - 4.3 Re-secure the retaining ring.
5. Route the green wire to the grounding lug and secure.
6. Connect the two black wires to the disconnect power terminals.
7. Close cover on the service disconnect.



ELECTRICAL PANEL INSTALLATION:

Keep the surge protection wires as short as possible to increase the response time and effectiveness.

1. Turn off main breaker.
2. Remove the front cover from the electrical panel.
3. Remove a knockout from the electrical panel.
4. Mount the unit through the knockout to the side of the electrical panel.
 - 4.1 Remove the retaining ring on the unit.
 - 4.2 Feed the wires into the electrical panel.
 - 4.3 Re-secure the retaining ring.
5. Route the green wire to the grounding lug and secure.
6. Connect the two black wires to the closest two-pole breaker.
7. Close cover on the panel.

