



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

# INSTALL INSTRUCTIONS

## DTK-ESS

INSTALLATION

This Surge Protective Device (SPD) is a high performance device, designed to provide protection for sensitive electronic loads and connected circuits. 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 licensed contractor, per the applicable requirements of the NEC and the following instructions.

### APPLICATION

Surge suppression for low voltage electric door strike circuits using a hard wired connection. This is a (2) piece bi-directional surge solution to protect both the control panel and the switching device solenoid from transients that are the result of the collapsing electrical field of an electromagnetic switching device.

### INSTRUCTIONS:

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

1. Before beginning installation, disconnect power to the circuit.
2. Install the first ESS across the relay contacts located at the control panel.
3. Install the second ESS across the leads of the switching device solenoid.
4. These devices are free floating and held in place by the rigidness of their conductors. They can also be held in place with TY-Raps using best practice as required.
5. After all connections have been made and no hazards exist, restore power.

