

ETC® Setup Guide

SmartSwitch Voltage Barrier Kit



Overview

The Voltage Barrier is optionally used to separate differing voltages and/or emergency circuits from normal circuits within the SmartSwitch relay panel. The voltage barrier may be used to separate only one relay from others or multiple relays as needed.

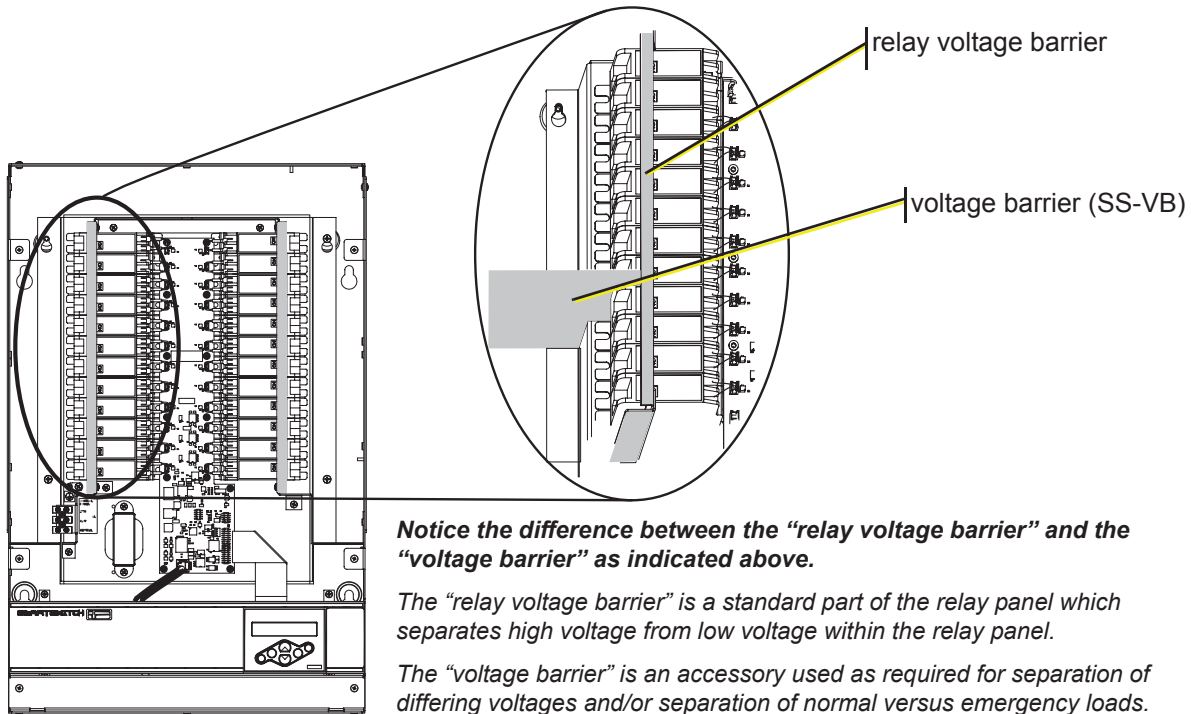
The SmartSwitch Voltage Barrier Kit (model # SS-VB, part number 7023K1003) ships with one voltage barrier and requires no tools for installation.

Installation



WARNING: *RISK OF ELECTRIC SHOCK! All relay panel maintenance must be completed with the power removed. All feeds from the circuit breaker panel to the relay panel must be locked out in the OFF position prior to installing a voltage barrier.*

Step 1: Remove the front cover from the SmartSwitch enclosure to reveal the relay panel interior with relays installed.



- Step 2: Determine the location the voltage barrier will install. The voltage barrier simply installs between two relays.
- Step 3: Gently bend the relay voltage barrier approximately a 1/4" toward the center of the panel and slide the voltage barrier between the relay barrier and the side of the enclosure as pictured above.
- Step 4: Spread the two relays apart slightly to allow space for the voltage barrier. Slight force may be required to seat the voltage barrier (SS-VB) properly between the relays and through to the rear of the panel.
- Step 5: Reattach the front cover to the unit and apply power to the relays and control electronics.



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