



Surge, Inc.

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Diagnostic Instructions

Form “C” Dry Contacts:

Sycom Safe Series TVSS may be equipped with Form “C” dry contacts available for connection to user provided remote alarm and monitoring circuits. The door-mounted circuit board comes equipped with 18” flying leads. The leads are marked as follows:

- 1 = (NO) normally open
- 2 = (NC) normally closed
- 3 = (COM) common

The installer must provide the appropriate materials and routing to allow the door to open and close.

Surge Counter:

Sycom Safe Series TVSS may be equipped with a surge counter. When power is applied to the TVSS, the number of surge events detected by the counter is displayed on an 8-digit LCD display on the front of the TVSS door. The reset button located on the LCD display, when depressed, will return the counter to zero.

Audible Alarm:

Sycom Safe Series TVSS may be equipped with an audible alarm. When power is applied and a surge event or phase and neutral reversal are detected, the alarm will engage. There is a toggle switch on the front panel of the unit. The toggle has two settings, TEST and ON. It ships in the ON position, when you toggle the switch to the TEST position, the alarm should sound. If, upon installation, the alarm sounds immediately, please switch the toggle back to the ON position. If the alarm is sounding because the unit is damaged or there is a fault, the alarm will not be able to be disengaged until the unit has been disconnected.