

# VeriSafe AVT Commissioning Checklist

AVT Serial Number:

Equipment Description:

Tester Location:

Line

Load


Other:

Notes:

**IMPORTANT:** The AVT installation test is sensitive to the capacitance of electrical systems. Repeat the Commissioning Checklist when changes to the electrical system are made that add capacitance to the AVT test location.



Always follow company procedures. Installation and commissioning of the AVT shall be performed by a qualified electrical worker. Refer to Instruction Manual for additional information.

- De-energize the circuit that is being monitored by the AVT.
  - Visually inspect the AVT:
    - **AVT system cable:** Verify cable is locked into place on both the Indicator Module and Isolation Module.
    - **Indicator module:** Ensure o-ring is in place. Check that retaining nut is secure. Verify battery is installed and battery cap is locked into place.
    - **Isolation module:** Ensure module is secured to subpanel or DIN rail.
    - **Sensor leads:** Gently pull on each Sensor Lead to ensure termination is secure. Verify that the Sensor Leads are secured to the power conductors or other nearby rigid feature to prevent movement and contact with a ground if the termination fails to remain intact. Verify no wiring is exposed and all terminations are properly insulated. Verify panel is clean and wiring debris is removed from panel. Verify that leads are connected as described in the appropriate wiring diagram from the Schematics section, including verifying that each conductor has two lead wires of matching color attached. Verify leads on each phase are not mechanically connected to each other.
    - **Instruction label:** Verify that the label is placed near the isolation module and marked to indicate where the AVT is installed.
  - Record changes to panel documentation.
  - Close panel and secure doors/covers.
  - Press the Test Button to initiate the test. The yellow Caution Indicator should flash rapidly to indicate the test is in progress followed by the Absence of Voltage Indicator illuminated green.
  - Review the Operating Instructions section of this manual before proceeding.
-  **Warning:** Always follow your company's safety procedures when energizing equipment. To avoid electric shock, use proper personal protective equipment when working on or near electrical hazards.
- Energize the system being monitored by the AVT.
  - Verify that the red Voltage Presence Indicators are illuminated.
  - Press the Test Button on the Indicator Module to initiate the absence of voltage test.
  - Look for the yellow Caution Indicator to flash repeatedly before turning to a solid indication.  
\*\*You should not see the green indicator illuminate when power is energized.\*\*
  - De-energize the circuit that is being monitored by the AVT.
  - Verify that Voltage Presence Indicators are not illuminated.
  - Press the Test Button on the AVT Indicator Module to begin the absence of voltage test. Look for the yellow Caution Indicator to flash and then the green Absence of Voltage Indicator should illuminate.

Performed By:

Signature:

Date: