

CHEKVOLT®

Voltage Presence? Chek. Voltage Absence? Chek.

Performing Lockout/Tagout (LOTO) safely requires the answer to one question; is there voltage? NFPA 70E/CSAZ462 requires an absence of voltage test to verify an electrically safe work condition. The traditional process poses arc flash and shock hazards to comply with NFPA 70E Article 120.6: Process for Establishing and Verifying an Electrically Safe Work Condition.



R-3MT-VI-KIT
Includes cap and labels

The ChekVolt® allows you to test absence of voltage and provides voltage presence indication; all without opening the enclosure door. Permanent Electrical Safety Device (PESD) users report LOTO procedure time reductions of 35 - 40 minutes. ChekVolt® pays for itself after 6 - 8 LOTO procedures from time savings alone.

This touch-safe, compact PESD® features voltmeter compatible test points and redundant LED voltage presence indication rated up to 1000 VAC/VDC. The ChekVolt® is quickly installed through a single 30mm knockout and includes four lead wires potted in the construction—making LOTO in even the harshest environments safer, smarter, and more productive.

Meet the Standard with No Exceptions

- **NFPA 70E 120.6(4)** – ChekVolt® voltage indication LEDs illuminate when hazardous voltage is present until stored electrical energy is released, providing a warning of hazardous voltage that may harm maintenance personnel believing equipment to be in a depowered state.
- **NFPA 70E 120.6(7)** – ChekVolt® high impedance protected test points allow a qualified electrician to safely test phase-to-phase and phase-to-ground for absence of voltage using an adequately rated portable test instrument (i.e. voltmeter). Per 120.5 (7): “Before and after each test, determine that the test instrument is operating satisfactorily through verification on any known voltage source.”

NEW Tailored Solutions for Diverse Applications

As industries and applications evolve, so does our commitment to ensuring versatile electrical safety solutions. Introducing the latest in our ChekVolt® series* of innovative solutions designed to meet specific industrial needs:



R-3MT-VI-AC3



R-3MT-VI-DC2



R-3MT-VI-DC3





R-3MT-VI-2KVDC

- **ChekVolt® AC3***: A three-wire AC solution designed for single-phase applications.
- **ChekVolt® DC2 & DC3***: Targeted for electric vehicle charging and solar energy DC applications, the DC2 supports two-wire DC systems, while the DC3 provides an added ground wire.

- **ChekVolt® 2k VDC***: Designed for the increasing demands of the solar and electric vehicle industries, this version incorporates 10:1 voltage divider circuitry. This feature allows users to employ standard multimeter probes rated up to 1000VDC to test for the absence of voltage on a 2000VDC system, ensuring optimal safety and compatibility.

Our expanded ChekVolt® range addresses the nuanced electrical safety needs of today’s industries, offering tailored solutions that prioritize both safety and adaptability.

**Certifications pending*

PRODUCT DETAILS	SPECIFICATIONS
LOTO Safety & Risk Mitigation	<ul style="list-style-type: none"> - LED voltage presence indication provides visual reference for mechanical LOTO until stored electrical energy is released per NFPA 70E 120.5(4) - High impedance-protected test points prevent direct exposure to arc flash and shock hazards when testing for absence of voltage using a voltmeter per NFPA 70E 120.5(7)
Increased Productivity	<ul style="list-style-type: none"> - Proven to save 30-45 minutes per LOTO procedure - Provides visual indication of voltage presence - Allows a voltage reading to be taken from outside of an enclosure - Works directly with a qualified electrician’s voltmeter
Installation Efficiency	<ul style="list-style-type: none"> - Requires one 30mm knockout punch - Wired directly to line side or load side via 4 potted lead wire connections
Diverse Applications	<ul style="list-style-type: none"> - Designed for use up to 2000 VDC and three-phase circuits up to 1000 VAC - Compact design perfectly fits control enclosures, drive cabinets, switchgear, local disconnects, and MCCs down to half space factor buckets
Enhanced Compliance	<ul style="list-style-type: none"> - Enhances safety and works directly with the steps outlined in NFPA 70E 120.5: Process for Establishing and Verifying an Electrically Safe Work Condition
Standards & Certifications	<ul style="list-style-type: none"> - Tested to UL Type 4, 4X, 12, 13 & IP66, IP69 - UL/IEC 61010, CE, & CSA C22.2 No. 94.2/UL 50E - Rated to CAT III (to 1000 VAC) & CAT IV (to 600 VAC) - UL File #E311256 <div style="text-align: right;">   </div>

Certifications pending on ChekVolt® AC3, DC2, DC3 and 2k VDC.