

# CHEK VOLT®

*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.

The ChekVolt® enhances safety by allowing absence of voltage tests without opening the enclosure, significantly reducing LOTO procedure times by 35-45 minutes. This cost-effective PESD pays for itself after just 2-3 uses thanks to these time savings.

ChekVolt® is touch-safe and designed for durability, featuring voltmeter-compatible test points and redundant LED voltage indicators rated up to 1000 VAC/VDC. Installs easily via a 30mm knockout and includes four potted lead wires, making LOTO in even the harshest environments safer, smarter, and more productive.



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

## 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 120.6 (7): “Before and after each test, determine that the test instrument is operating satisfactorily through verification on any known voltage source.”

## Tailored Solutions for Diverse Applications


As industries and their applications evolve, our commitment to providing adaptable electrical safety solutions remains steadfast. Our ChekVolt® series offers a range of models each designed to meet the unique demands of specific industrial environments:



R-3MT-VI-AC3-KIT R-3MT-VI-DC2-KIT R-3MT-VI-DC3-KIT

- **ChekVolt® AC3:** Ideal for environments where single-phase power is prevalent, such as in specialized industrial equipment with single-phase applications up to 1000VAC.
- **ChekVolt® DC2:** Suits applications requiring straightforward voltage testing and presence indication, such as solar panels and electric vehicle charging stations with two-wire DC systems up to 1000VDC.
- **ChekVolt® DC3:** Ensures reliability and compatibility with system designs that require a separate ground neutral connection to meet specific engineering standards. This model is suitable for three-wire DC systems up to 1000VDC.

(continued)

PRODUCT DETAILS	SPECIFICATIONS
LOTO Safety & Risk Mitigation	<ul style="list-style-type: none"> <li>- LED voltage presence indication provides visual reference for mechanical LOTO until stored electrical energy is released per NFPA 70E 120.6(4)</li> <li>- 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 120.6(7)</li> </ul>
Increased Productivity	<ul style="list-style-type: none"> <li>- Proven to save 30-45 minutes per LOTO procedure</li> <li>- Provides visual indication of voltage presence</li> <li>- Allows a voltage reading to be taken from outside of an enclosure</li> <li>- Works directly with a qualified electrician's voltmeter</li> </ul>
Installation Efficiency	<ul style="list-style-type: none"> <li>- Requires one 30mm knockout punch</li> <li>- 2-4 potted lead wire connections (depending on model)</li> </ul>
Diverse Applications	<ul style="list-style-type: none"> <li>- Designed for use up to 1000VDC and three-phase circuits up to 1000 VAC</li> <li>- Compact design perfectly fits control enclosures, drive cabinets, switchgear, local disconnects, and MCCs down to half space factor buckets</li> </ul>
Enhanced Compliance	<ul style="list-style-type: none"> <li>- Enhances safety and works directly with the steps outlined in NFPA 70E 120.6: Process for Establishing and Verifying an Electrically Safe Work Condition</li> </ul>
Standards & Certifications	<ul style="list-style-type: none"> <li>- Tested to UL Type 4, 4X, 12, 13 &amp; IP66, IP69*</li> <li>- UL/IEC 61010, CE, &amp; CSA C22.2 No. 94.2/UL 50E</li> <li>- Rated to CAT III (to 1000 VAC) &amp; CAT IV (to 600 VAC)</li> <li>- UL File #E311256</li> </ul> <div style="text-align: right;">  </div>

\*Type rating valid only when installed with rated dust cap.