CHEKVOLT®

Voltage Presence? Chek. Voltage Absence? Chek.

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

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.

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	- LED voltage presence indication provides visual reference for mechanical LOTO until stored electrical energy is released per NFPA 70E 120.6(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 120.6(7)
Increased Productivity	- 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	- Requires one 30mm knockout punch - 2-4 potted lead wire connections (depending on model)
Diverse Applications	- Designed for use up to 1000VDC 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	- Enhances safety and works directly with the steps outlined in NFPA 70E 120.6: Process for Establishing and Verifying an Electrically Safe Work Condition
Standards & Certifications	- 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

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