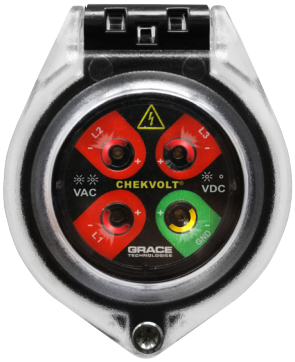
CHEKVOLT®

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® 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 2-3 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.”

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 120.5(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	- 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 - Wired directly to line side or load side via 4 potted lead wire connections

(continued)

PRODUCT DETAILS	SPECIFICATIONS
Diverse Applications	- Designed for use up to 1000 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	- 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	- 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

Tailored Solutions for Diverse Applications

As industries and applications evolve, so does our commitment to ensuring versatile electrical safety solutions. We're thrilled to introduce an expanded range of ChekVolt® versions* tailored to specific needs:

- **ChekVolt® AC3*:** This three-wire AC variant is perfect for single-phase applications. Its flexibility means it can be integrated into various contexts without being tied to a specific industry, making it an adaptable choice for diverse setups.

- **ChekVolt® DC2 & DC3*:** Catering to the burgeoning realm of DC applications, the DC2 is designed for two-wire DC setups, while the DC3 includes an additional ground wire. These versions are particularly pivotal for industries like electric vehicle charging and solar energy harnessing, ensuring maximum safety in sectors known for rapid technological advancements.

- **ChekVolt® 2k VDC*:** As the world of solar energy and electric vehicles leans towards higher voltages, our 2k VDC version stands out as an essential safety solution. Engineered to support these rising voltage demands, it features voltage divider circuitry. This design not only minimizes voltage at the panel but also ensures standard voltmeter probes can be used, simplifying the process while enhancing safety.

R-3MT-VI-AC3

R-3MT-VI-DC3

R-3MT-VI-DC2

R-3MT-VI-2KVDC

By expanding our ChekVolt® range, we aim to provide tailored solutions for varied industry needs, ensuring electrical safety isn't just a standard, but a customized experience. Explore these new additions and find the perfect match for your requirements.

**Certifications pending.*