



DILLENGR INC
 INNOVATE • DESIGN • ENGINEER • APPLY

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ALWAYS ON

Voltage and Current Test Station

PRIMARY FUNCTION

The VCTS is a Permanent Electrical Safety Device that allows workers to quickly and safely validate zero electrical energy from outside an electrical enclosure.

NO GUESSWORK

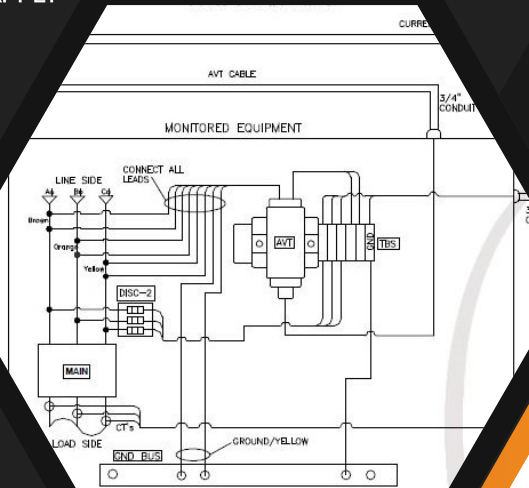
This equipment takes the guesswork out of verifying electrical energy and enhances your **workplace safety** and **productivity**. Adding an additional layer of protections, the VCTS provides a safer and more productive method of performing lock out tag out (LOTO).

LIMIT ARC FLASH

The VCTS provides three **totally independant** means to confirm zero electrical energy prior to opening the enclosure; whereas typically, only one means is employed.

That means normally requires exposure to an Arc Flash potential that **exceeds** the rating of the PPE available to the technician. **Those three means are:**

1. LED Indicators (visual)
2. Testing and measurement sockets for connection of a voltage measuring device
3. A non-contact voltage test alerts if electrical energy is present, when held in proximity to the voltage port.



SAFE AND CONVENIENT

The VCTS exceeds NFPA 70E and meets the OSHA energy isolation principle. The voltage and current ports specifically address verification of a de-energized state in equipment applications where the arc flash exceeds 40 cal/cm².

It provides safe and convenient connections for monitoring both current and voltage without opening doors or removing panels.

This also means that power quality analysis and calibration measurements can be made **without power interruptions**.

ALWAYS ON

YOU ARE IN CONTROL

PLACING THE POWER OF YOUR EQUIPMENT IN YOUR HANDS

The VCTS is able to be customized to your specific applications. Multiple voltage connectors can be added for monitoring input, bypass, and output voltages. The Flexible current transformer can be left in the equipment or removed after the measurements are taken. One single set of current transformers can be used in multiple types of equipment.

APPLICATIONS

- UPS Systems
- Switchboards
- Switchgear
- Motor Control Centers
- Generators
- Transfer Switches
- Frequency Drives
- Solar Inverters
- Wind Generators
- Machines

RELIABLE

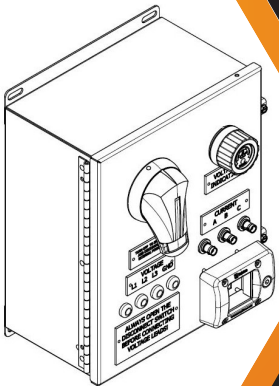
- Active Indications
- Failsafe Design
- Sil 3 per IEC61508-1 compliant safety functions
- Automated tests to reduce operator error

SIMPLIFIED

The VCTS is user friendly, no specialty tools are required, just your multi-meter, and there are visual abnormal power condition alerts.

FLEXIBLE

It is able to install on "line" or "load" side of electrical disconnect, detect both AC and DC voltage, and it tests three-phase circuits up to 600 V.



CALL TODAY

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EMAIL

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