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Advanced and
Innovative Solutions



DOC-2000™ Distribution Transformer Tester

The DOC-2000™ is intended for de-energised distribution transformer testing. It can determine the presence of short circuits or an open circuit in the distribution transformer primary winding and also short circuits on the secondary winding. The DOC-2000™ is designed to be operated from an aerial device or from the ground at the end of a hot stick without disconnecting the transformer's secondary windings



ADVANTAGES

- ⚡ No need for disconnecting transformer secondary windings therefore saving time
- ⚡ Reduces risks of hazards when putting fuses back online when the transformer windings are shorted
- ⚡ Conformity with the requirements for safety (IEC-TC78)

FEATURES

- ⚡ Transformers up to 167 KVA single or three phase (Pole mount or Pad mount)
- ⚡ Measurement by contact on the transformer primary bushing and neutral/ground
- ⚡ Used on de-energized transformers
- ⚡ Detects primary transformer short-circuit, open circuit, & secondary short circuits
- ⚡ Visual and audible warning.
- ⚡ Automatic self-test & Auto shut-off
- ⚡ Low battery indicator
- ⚡ Operating temperature range -25°C to 55°C



DOC-2000™ Instrument

EASY OPERATION

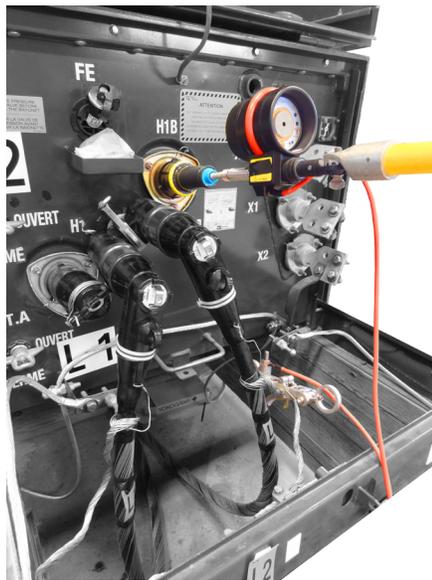
The instrument requires an electrical connection to the primary bushing and the system ground (neutral). The DOC-2000™ displays the diagnostic readings with a visual and audible signal. The DOC-2000™ kit includes the test instrument, contact electrodes (Pole mount hook & Pad mount pin) and a carrying case.

TECHNICAL SPECIFICATIONS

Supported transformers	up to 167 KVA single or three phase
Probe	Hook type probe and pin type probe
Operating temperature	-25°C to 55°C (-13°F to 131°F)
Indications	Audible and visual
Power supply	Battery operated, PP3 9V
Approvals	IEC-TC78

OPERATION

Linemen crews are called on to re-energize transformers regularly, whether it's after storms or when line faults occurs etc... The reasons for the outages are not always obvious, but the power needs to get back on. When damaged or connected to a faulty circuit, the transformers can rupture with massive amount of energy when attempting to re-energize. In order to make a better decision whether it is safe to re-energize the transformer or not the DOC-2000™ is your friendly and safe choice!

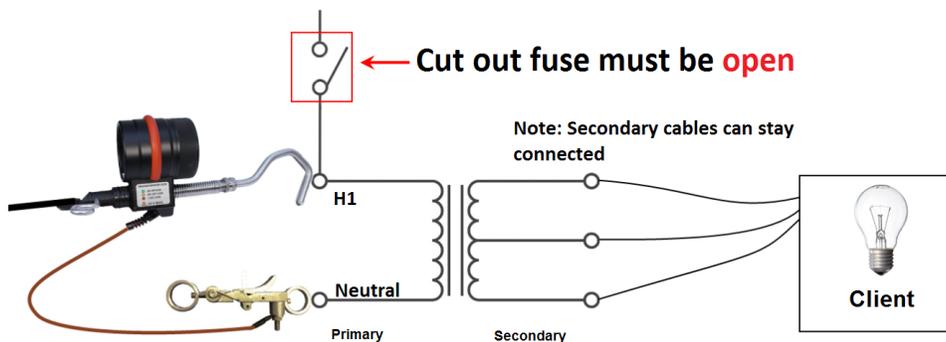


DOC-2000™

Instrument on a pad mount transformer

WHAT'S INCLUDED

- DOC-2000™ instrument with hook type probe
- Pin type probe
- Transportation bag
- User manual
- Laminated quick reference guide
- Calibration certificate



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Connection schematic

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