



H.V. TEST

Specialists in High Voltage
Testing & Diagnostics

HVOLTC1 1A Transformer on load tap changer

The HVOLTC1 controls the on-load tap changer, this is the only moving part connected to the transformer circuit. Therefore, the detection of on-load tap changers has attracted increasing attention. In the "Regulations for Handover and Preventive Tests of Electric Power Equipment", it is required to check the operation sequence of on-load tap changers and measure the switching time, etc. This instrument is mainly used to measure the transition waveform, transition time, dynamic resistance values at each tap

Projects

Repairs

Services

Training

Products



Features:

- The instrument has a large output current and is lightweight.
- Two-level current output, wider testing range and higher stability;
- It can automatically calculate the transition resistance value and transition time value.
- It is equipped with a complete protection circuit and has strong reliability.
- The 5.8-inch large LCD display is convenient for on-site operation.
- It has a USB flash drive storage function, which can store more data.
- The independent operation of the keyboard makes the instrument more operable and convenient.

H.V. TEST

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HVOLTC1

1A Transformer on load tap changer

TECHNICAL SPECIFICATIONS

Direct Resistance Test

- Output Current 20A, 10A, 5A, 1A, 0.1A, $\leq 10\text{mA}$
- Output current 1.0A, 0.5A
- Measurement range Transition resistance: 0.5Ω to 20Ω (1.0A),
 0.5Ω to 40Ω (0.5A)
- Transition time 0 to 250ms
- Measurement accuracy Transition resistance: $\pm(5\%$ reading +3 digits)
Transition time: $\pm(0.1\%$ reading +3 digits)
- Storage methods USB flash drive storage and local storage

Included

- Test Leads Set (x1)
- Mains Cable (x1)
- Earth Wire (x1)
- Printing Paper (x2)
- User's Manual (x1)
- Test Report (x1)

