

RDKC-2000 OTLC On Load Tap Changer

The OTLC On Load Tap Changer is the only moving part connected to the transformer circuit, so its detection is becoming increasingly important. In the "power equipment transfer and preventive test procedures," I asked to check the on-load tap-changer action sequence and measurement switching time. The instrument is mainly used to measure the transformer on-load tap-changer transition waveform, transition time, instantaneous transition resistance, three-phase synchronisation, etc.



The OTLC On Load Tap Changer is highly intelligent, with menu prompts and simple operations. Instruments of small size, lightweight, anti-interference ability, greatly reducing the labour intensity of the site staff, is the power supply units, transformer manufacturing industry to ensure safe production, improve product quality ideal instrument.



Product Features

1. Large output current, lightweight;
2. Test YN, Y, Δ type transformer, the resistance unnecessary to be converted but directly display;
3. With winding or without winding measurement
4. Waveform display automatically adjusts the resistance according to the sampled value, the time value amplitude
5. With perfect protection circuit, reliability and strength;
6. 7-inch large LCD, easy on-site operation;
7. 500 data sets can be automatically saved internally and connected to U Disk.



Product specifications and technical parameters

1. Output current: 1.0A, 0.5A, 0.2A

2. Measuring range

Transition resistance: $0.3\Omega\sim 20\Omega(1.0A)$ $5\Omega\sim 40\Omega(0.5A)$ $20\Omega\sim 100\Omega(0.2A)$

Transition time: $0\sim 320ms$

3. Open circuit voltage: 24V

4. Measurement accuracy

Transition resistance: $\pm (5\% \text{ reading} \pm 0.1\Omega)$

Transition time: $\pm (0.1\% \text{ reading} \pm 0.2ms)$

5. Sampling rate: 20kHz

6. Ambient temperature: $-10\text{ }^{\circ}\text{C} \sim 50\text{ }^{\circ}\text{C}$

7. Ambient humidity: $\leq 85\% \text{ RH}$

8. Power supply: $AC220V\pm 10\%$, $50\pm 1\text{Hz}$



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