Hot Winding Ohm meter
Model 2950

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The Hot Winding Ohmmeter measures AC winding temperatures during AC operation. It can be used for AC motors, transformers and other AC coils. This instrument uses the resistance method, measuring during operation. This equipment gives data logging of the test results. It is available with 1 to 3 measurement channels.

The Hot Winding Ohmmeter makes it possible to measure temperatures continuously during operation. The temperature time curve can be recorded, giving an early indication that temperatures are becoming too high or the temperature is stabilizing (which shortens the test).

Features

- Measures temperature rises during operation of motor windings and all types of AC coils.
- 1 Channel Standard. Optional - can add up to 2 more channels.
- Temperature rises are measured by the resistance method. Resistance of Copper windings change approximately 4.0 promille per degree Centigrade, measuring temperature change.
- Four pole Kelvin connections are used. Current measurement terminal as well as voltage measurement terminals is isolated.
- Cut-off capacitors are included to isolate mains from measurement current. Special capacitors are available, as an option, for higher currences.

Specifications

- Can measure products utilizing currents to 15A (Standard configuration of currents)
- Tests to all IEC standards
- Ranges 10-100-1000-10000 ohms
- Accuracy ± 1%
- Standard PC controls the measuring and logging results
- Data logged in time and graph on PC
- Data logging using optically isolated modem and logger
- Data logging is controlled by a PC using an RS232 interface
- Certificate issued by Friborg Test Technology

Facts

IEC:
All

Components:
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Weight:
App. 15 kg

Dimensions:
App. 450x500x200 mm
(LxWxH)

Supply
115/230 VAC 50 Hz