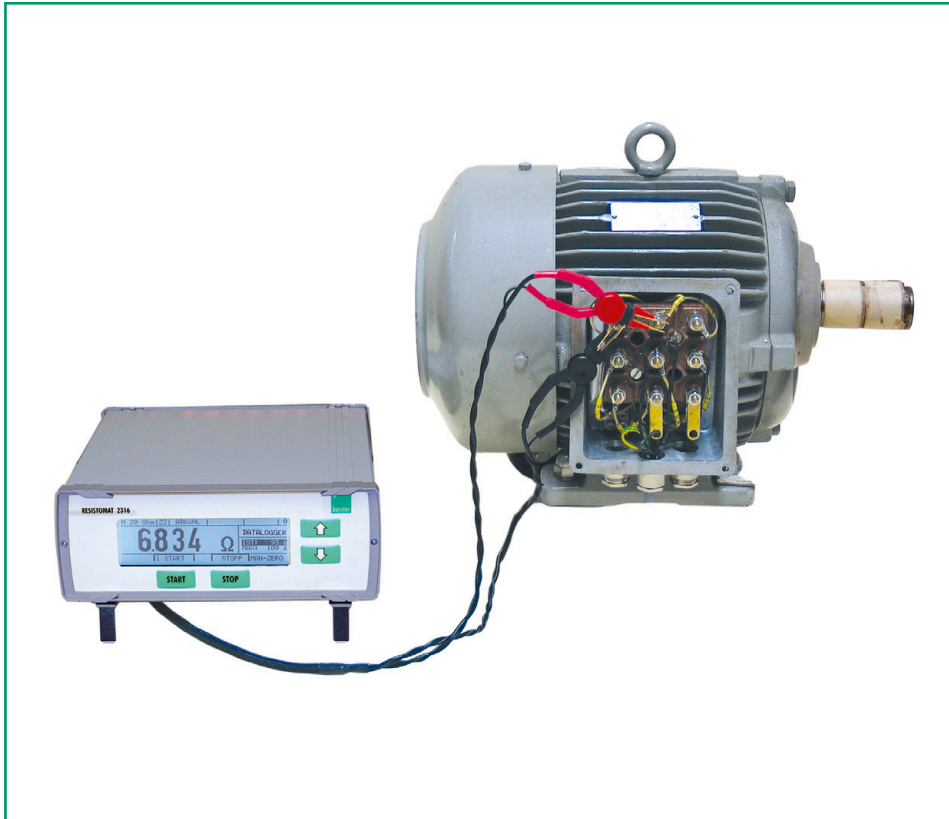


Test of the coil resistance at motors and generators

burster



Contact

- ☎ 07224/645-19

Sector

- Manufacturer of motors, generators and transformers as well as coil manufacturers

Product name

- RESISTOMAT® 2316

Features

- Measuring ranges from 2 mΩ ... 200 kΩ
- Easy-to-know, delivers spontaneous operation success
- Highest precision at maximum price performance ratio
- Simple handling by intuition
- Sturdy, tough and nearly indestructible keys and housing
- Menu speaks five languages

Task

Verification of the coil resistance specification.

Specific Requirement

Measuring of low ohmic inductive test objects with compensation of the temperature coefficient of the specimen.
Input voltage protection for inductance voltages generated when the upon disconnection of the test object.

Solution

By using a resistance measurement device from the RESISTOMAT® series temperature compensated coil resistances can be measured with respect to 20 °C. There is the possibility to measure the ambient temperature with a Pt100 temperature sensor or directly to measure the object temperature with an infrared sensor (pyrometer).

The input voltage protection of this instrument is designed for voltages up to 400 V_{rms}

