SOLUTIONS

Resistance Measurement for Heat Run Tests

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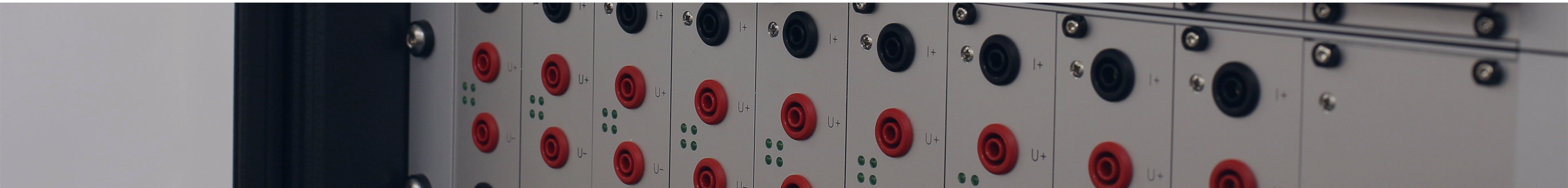
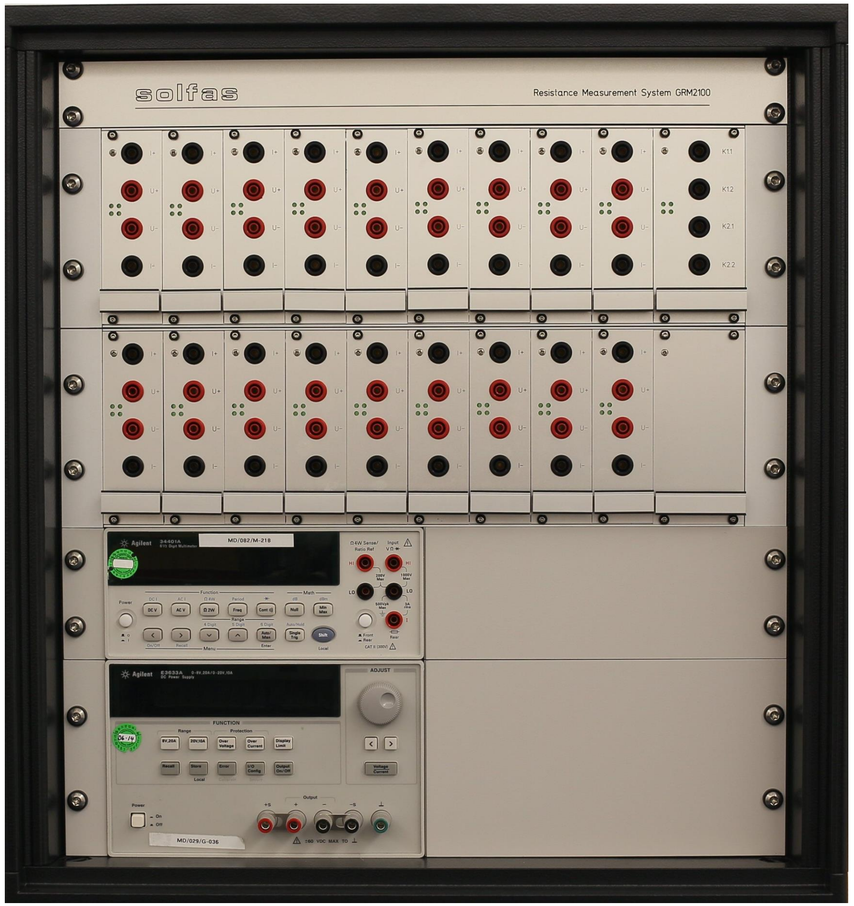


Resistance Measurement System for Heat Run Tests

Resistance Data Logger System for Heat Run Tests



Highlights

This solution was specially designed for heat run tests at power transformers and power chokes according to the standard IEC60076.

- Power Transformer Heat Run Testing
- Multi Device Data Logger System
- High Precision Calibrated Instruments
- Individual Customized Software

Resistance Measurement System for Heat Run Tests

Resistance Data Logger System for Heat Run Tests

Challenges

During heat run tests the maximum internal winding temperature must be determined in order to verify the design.

The maximum internal winding temperature can determined by measuring the winding resistance during the cool down phase after the heat run test. This has to be done at all windings of a transformer.

Our Solution

The transformer is connected to the measuring system before the heat run test. The voltage proof inputs allow a permanent connection during the heat run test.

When the heat run test is finished, then the measurement system is activated and does a cyclic resistance measurement on all windings according to the configuration.

Our software controls all instruments and transfers the measurement data to the PC, where they are displayed, stored and evaluated.

Requirements

- Instruments Remote control
- Portable and easy to use System
- High Precision Calibrated Instruments
- Measurements according to IEC60076
- Export to Excel

Services

- Consulting and Planning
- Rack Construction
- Software development
- Commissioning
- Operator training

SOLUTIONS

Please contact us for your individual solution!

Click here!

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SOLFAS TECHNOLOGIE GMBH

We specialize in the development and distribution of test systems, power supplies and measuring instruments. Experts in electrical testing and automation, our company offers a broad range of high performance full service testing solutions and measuring instruments. We provide clients in the automotive, aerospace, energy and traditional industry sectors with the equipment they need to test high power components, such as chokes, transformers and electric motors.

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