

## Accessories

### Lead Contactings



#### Highlights

- various standard contactings
- mechanical solid and persistent design
- four-wire contactings – Kelvin clamps
- customized solutions based on our standard solutions
- fast exchange of consumables

A typical task is the contacting of stripped line ends because test objects are often only equipped with line ends without a plug connection.

For contacting free line ends we can provide a wide range of clamp devices, for example for the application of stators' winding connections. They can be equipped in two- as well as four-wire-technology.

When low resistances are to be exactly measured Kelvin clamps are used for the four-wire-measurement. The four-wire-technology compensates the transition resistances within the clamping points.

Our Kelvin clamps' special design guarantees high contact reliability, solid clamping, and a low wear and tear in the rough testing operation. Less exacting contactings are operated with our multi-purpose clamping levers.

The contactings can be supplied as loose single contacting or integrated within a clamp block. The clamp blocks can either be assembled in a fixed position within the test cover or can be moved flexibly within the testing space to always have the optimum position for being clamped to the lines.

**Examples for Kelvin clamps, clamping levers and modular contact blocks**



clamp block in modular design

clamp block in modular design

11-times clamping lever block

6-times four-wire-contacting guide and 4-times clamping lever block



Kelvin clamps in small-, medium- and large-sized design

8-times Kelvin clamps block

Kelvin contacting in one test cage with prism

**Pneumatic contactings**

Pneumatic terminal blocks are also simple and quick contacting possibilities. The line ends are put in the hole of the terminal block as deep as possible until a clamping mechanism automatically clamps the line end. At the end of the test the terminal blocks can be automatically released so that the lines are immediately free.

The contactings can be supplied either as loose single contacting or integrated within a clamp block.



single loose pneumatic clamp in two-wire-technology



stackable pneumatic clamps in four-wire-technology for a modular setup



connection box with pneumatic clamps in two-wire-technology

combination of pneumatic clamps with socket and start button in one control unit