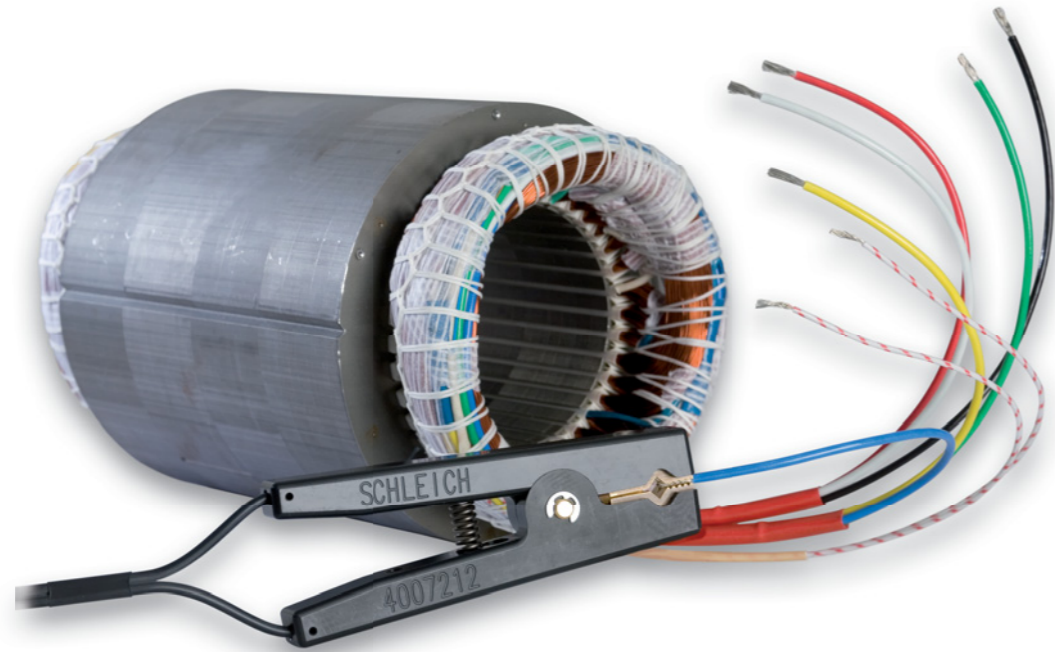


Contacting devices for leads



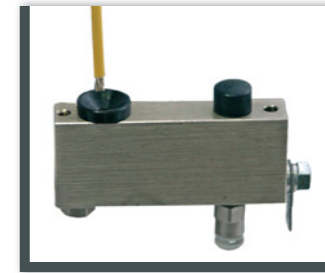
Test objects often only have cable ends without any plug connections. Therefore, a typical task is the contacting of free cable ends.

For contacting free cable ends, we offer an extensive range of contacting units. They can be used, for example, for contacting the windings of stators, which can be designed in both, 2-wire and 4-wire configuration.

For the 4-wire resistance or voltage measurement, Kelvin clamps are used. Kelvin clamps are perfect to measure low resistance values with high accuracy. The 4-wire measurement compensates the contact resistances at the contact point.

The special design of our Kelvin clamps guarantees highest contact reliability, a solid grip and low wear-and-tear. For less demanding contactings, we use our multifunctional spring-terminal clamps.

Fast and easy contacting can also be realized via pneumatic terminal blocks. The cable ends are inserted into the hole of the pneumatic terminal block. An automatic clamping mechanism



Single pneumatic clamp in 2-wire configuration



Attachable pneumatic clamps in 4-wire configuration for a modular design



Connection box with pneumatic clamps in 2-wire configuration

Highlights

- large selection of standard contactings
- modular concept
- durable, long-life mechanical design
- 4-wire contacting units – Kelvin clamps
- 2-wire and 4-wire pneumatic clamps
- customer-specific solutions on the basis of our standard products
- quick and easy exchange of wearing parts



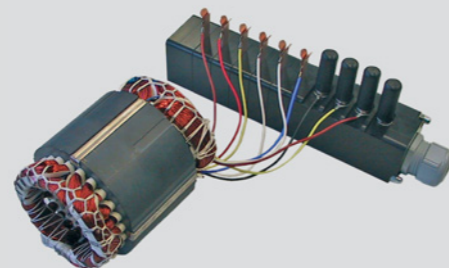
Terminal block, modular design



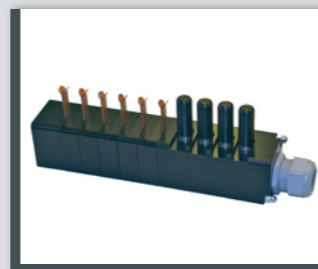
8 x Kelvin terminal block



11 x spring-terminal block



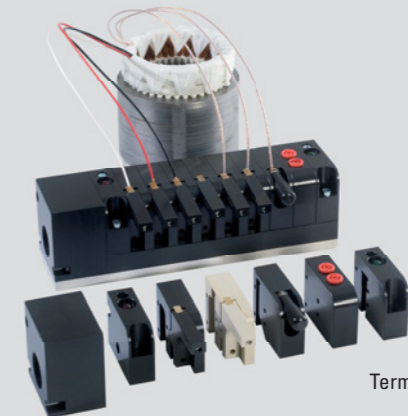
6 x 4-wire contact blades and 4 x spring-terminal block



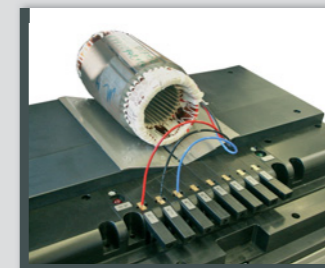
contacts the cable end. After the test, if the results are OK, all terminal blocks can be released automatically by the tester, so that all leads are instantly free. If the results are "not OK", this needs to be confirmed by the operator, before the clamps open.

The contacting units are available as single contacting units or integrated into a terminal block.

The terminal blocks can either be firmly installed within a test cover or they are moveable within the test area, which has the advantage that they can always be brought into an optimum position for connecting the leads.



Terminal block, modular design



Kelvin contacting device in a test cover with prism



Small, medium and large Kelvin clamps



Block with Kelvin clamps with automatic release

Refer to:

HV pistols and warning lamps	68
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Test covers	76
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Test methods	94