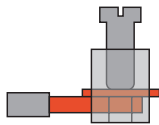


SAK-Series / Clamping yoke screw connection technology



• Put to the test billions of times

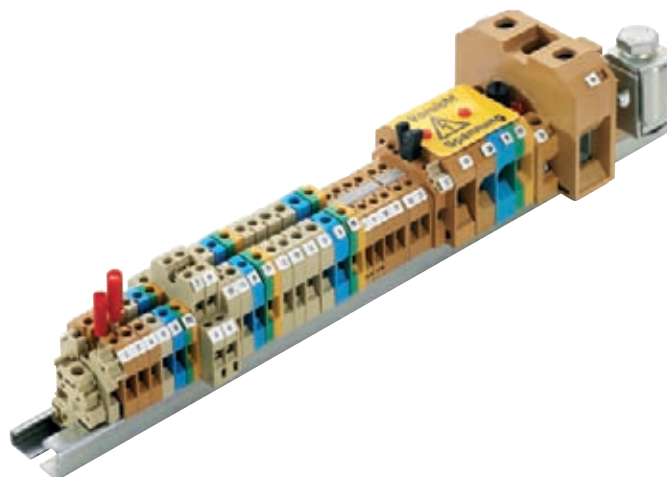
Countless approvals, specifications and the world's most extensive range of terminals mean that SAK terminals can be used for a wide range of different applications.

• The right materials for every application

Ambient temperatures are not an issue for the SAK-Series thanks to different materials such as polyamide, thermo-plastics and heat-resistant ceramics.

• Best conductivity and high contact force

Thanks to its design, the legendary high-strength steel screw clamp absorbs every geometric change to the connected conductor.



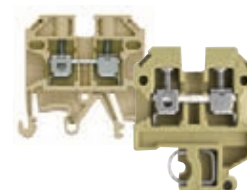
All materials checked for conformity with the latest environmental directives and RoHS requirements.

Versions

- Cross-sections from 0.5 to 35 mm²
- TS 32/TS 35 "2 in 1" combination foot



- Cross-sections from 0.5 to 95 mm²
- Special foot for TS 35
- Special foot for TS 32



Product assortment

| Terminal type | Rated cross-section | | | | | | Flat-blade connection | Faston-connection | Spring-loaded | Solder connection |
|--|---------------------|-------------------|-------------------|--------------------|--------------------|--------------------|-----------------------|-------------------|---------------|-------------------|
| | 2.5 mm ² | 4 mm ² | 6 mm ² | 10 mm ² | 16 mm ² | 35 mm ² | | | | |
| Feed-through terminals | | | | | | | | | | |
| PA 6.6 / TS 32 | • | • | • | • | • | • | | • | • | • |
| KRG / TS 32 | • | • | • | • | • | • | • | • | • | • |
| PA 6.6 / TS 35 | • | • | • | • | • | • | | • | • | • |
| KRG / TS 35 | • | • | • | • | • | • | • | | | |
| PA 6.6 / combination foot | • | • | • | • | • | • | | | | |
| PA 6.6 / TS 15 | • | • | | | | | | • | | • |
| Double level terminals | | • | | | | | | | | |
| PE terminals | | | | | | | | | | |
| PA 6.6 / TS 32 | • | • | | • | • | • | | | | |
| PA 6.6 / TS 35 | • | • | • | • | • | • | | | | |
| PA 6.6 / TS 15 | • | • | | | | | | | | |
| Fuse terminals | | | | | | | | | | |
| PA 6.6 / TS 32 | | | | • | | | | | | |
| PA 6.6 / TS 35 | | | | • | | | | | | |
| KrG / TS 32 | | | | • | • | | | | | |
| KrG / TS 35 | | | | • | • | | | | | |
| PA 6.6 / TS 15 | | • | | | | | | | | |
| PA 6.6 / combination foot | | • | | | | | | | | |
| Double level fuse terminals | | | | | | | | | | |
| PA 6.6 / TS 32 | | • | | | | | | | | |
| PA 6.6 / TS 35 | | • | | | | | | | | |
| PA 6.6 / combination foot | | • | | | | | | | | |
| Disconnect test terminal blocks | | | | | | | | | | |
| TS 35 | | • | | • | | | | | | |
| PA 6.6 / TS 15 | | • | | | | | | | | |
| Two-tier disconnect test terminals | | • | | | | | • | | | |
| Ceramic terminals | | • | | • | | | | | | |

1 The connection

Separation of electrical and mechanical functions:

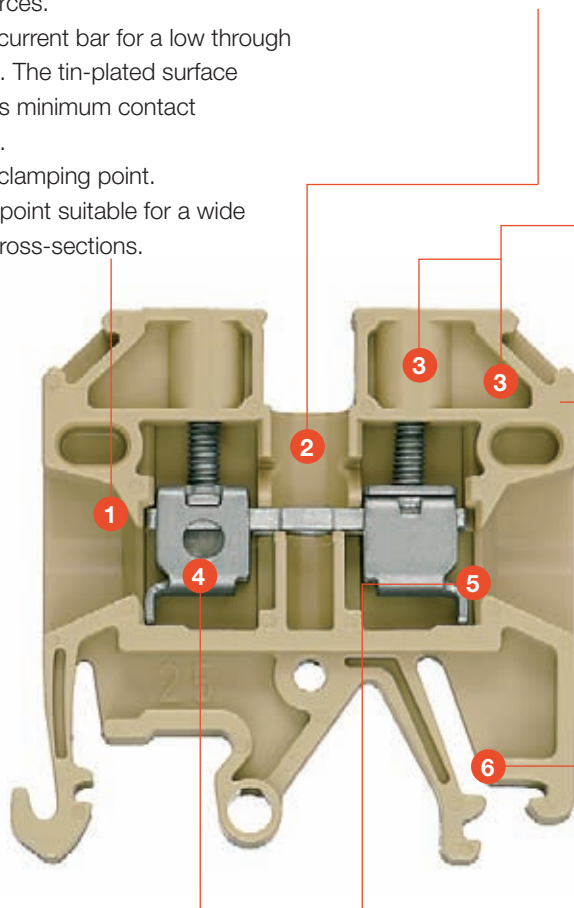
- Clamping yoke and clamping screw made from hardened steel for high contact forces.
- A copper current bar for a low through resistance. The tin-plated surface guarantees minimum contact resistance.
- Gas-tight clamping point.
- Clamping point suitable for a wide range of cross-sections.

2 Cross-connection channel

- Any number of poles can be created by stacking the pre-fitted cross-connections.

3 Easy to use

- Built-in reserve when undoing the clamping screw – particularly important for mechanical screwing tools.
- Recessed clamping screw position provides guide for screwdriver.
- All parts fitted captive within the terminal.
- Numerous labelling options.



Insulating materials and max. temperatures

- PA – 100 °C
- KrG – 130 °C
- EP – 160 °C
- Ceramic – 250 °C

6 3 different snap-on feet

4 Reliable contact

- The steel clamping yoke compensates for temperature-induced changes to the conductor (no gradual loosening) required.
- Low-maintenance, vibration-resistant connection – no need to retighten the clamping screw.
- The highest contact force of any connection system – and in a compact space.

5 Safe to use

- Terminals supplied with open clamping point
- Yoke tab prevents incorrect insertion of conductors.

Standards and directives

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 6047-7-1/2
- National and international approvals
- A large portfolio of UL and CSA approvals
- ATEX approval
- IECEx approved

