

The world of electrical testing and measurement

Test & Measureline | Test & Measurement

EN



STÄUBLI ELECTRICAL CONNECTORS

Connections for Life



Stäubli, as the international technology leader, offers innovative mechatronics solutions in its four divisions: Electrical Connectors, Fluid Connectors, Robotics, and Textile. At Stäubli Electrical Connectors, we develop advanced connection solutions based on the reliable MULTILAM contact technology.

Together for reliable and safe connections

We know that you entrust us with the functionality of your applications and we work hard to ensure this every single day. Thanks to our high level of expertise, our extensive experience and the multiple successful co-operation with our partners, numerous new developments have originated at Stäubli Electrical Connectors and subsequently have become worldwide standards. This includes our MC4 connector portfolio for which we are today the global market

We create connections for life – and our customers are at the center of these connections. We are convinced that solid and stable partnerships directly contribute to our mutual success.

We take on the needs of our partners and deal with the most extraordinary challenges. As a result, we always create, sell and

leader in photovoltaic. As the Stäubli original, the MC4 represents the result of our constant quest for innovation, quality and safety.

Further examples are the CombiTac modular connector system or the Quick Charging Connector (QCC) for automatic charging systems.

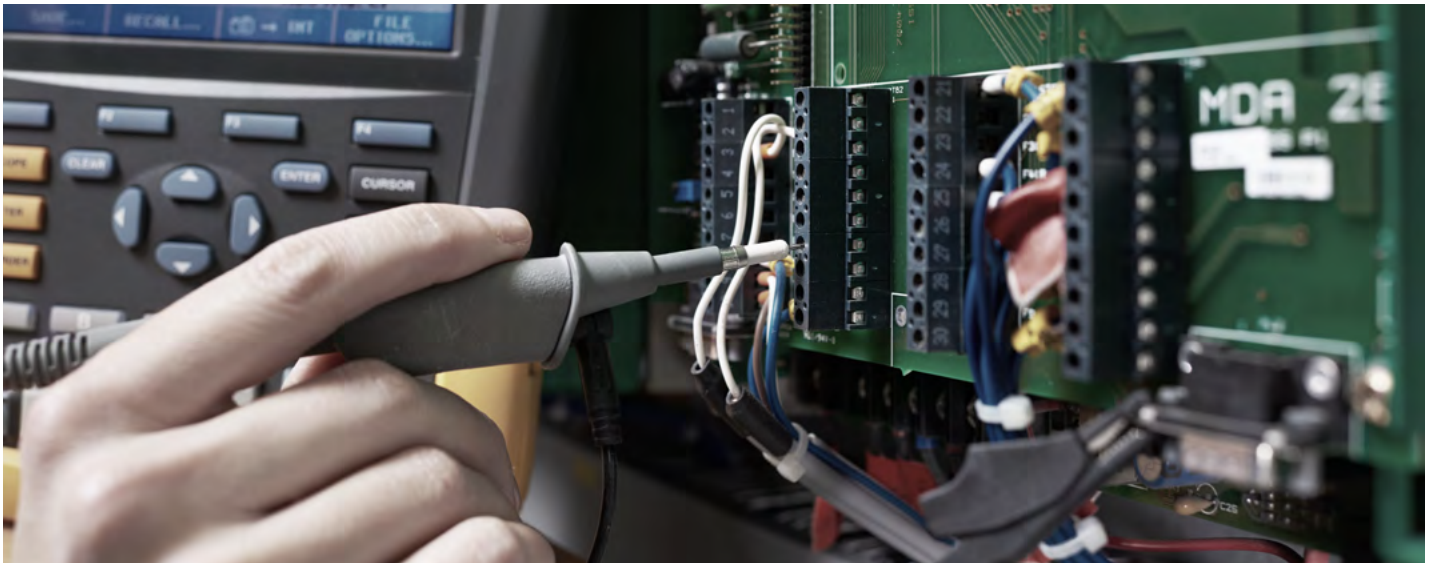
We ensure connections for life together with our long-standing customers in a wide range of industries from renewable energies, power transmission and distribution and E-mobility to industrial automation applica-

support reliable and long-lasting products for markets with the highest productivity and safety requirements in close cooperation with our customers.

tions, railway and welding automation, test and measurement and medical devices.

Thus, developing reliable, efficient and safe solutions based on our proven MULTILAM contact technology, which guarantees a high service lifetime in addition to highly efficient power transmission.

Applications and advantages



Stäubli test accessories are used in various measuring tasks. Stäubli offers accurately fitting accessories from extra-low to medium-high voltages, and from direct-current to high-frequency measurement technology. It can be found in electronics laboratories and training equipment, in service technologies and also in mains analysis/mains monitoring devices.

Thanks to the tried and tested MULTILAM Technology, Stäubli components guarantee longevity as well as reliability and meet the highest safety requirements. Our discerning clients rely on:

- A large range of standard and customized solutions
- Highest quality and safety standards
- Very low contact resistance
- High number of mating cycles

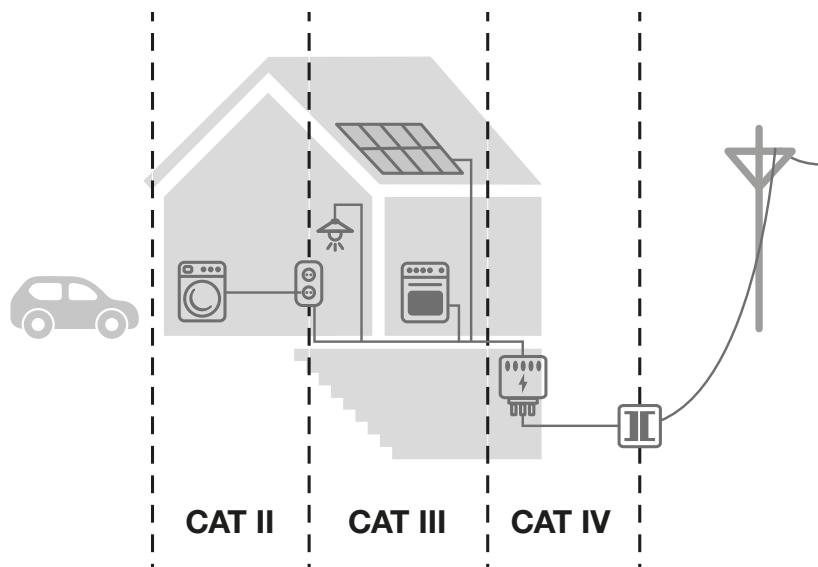


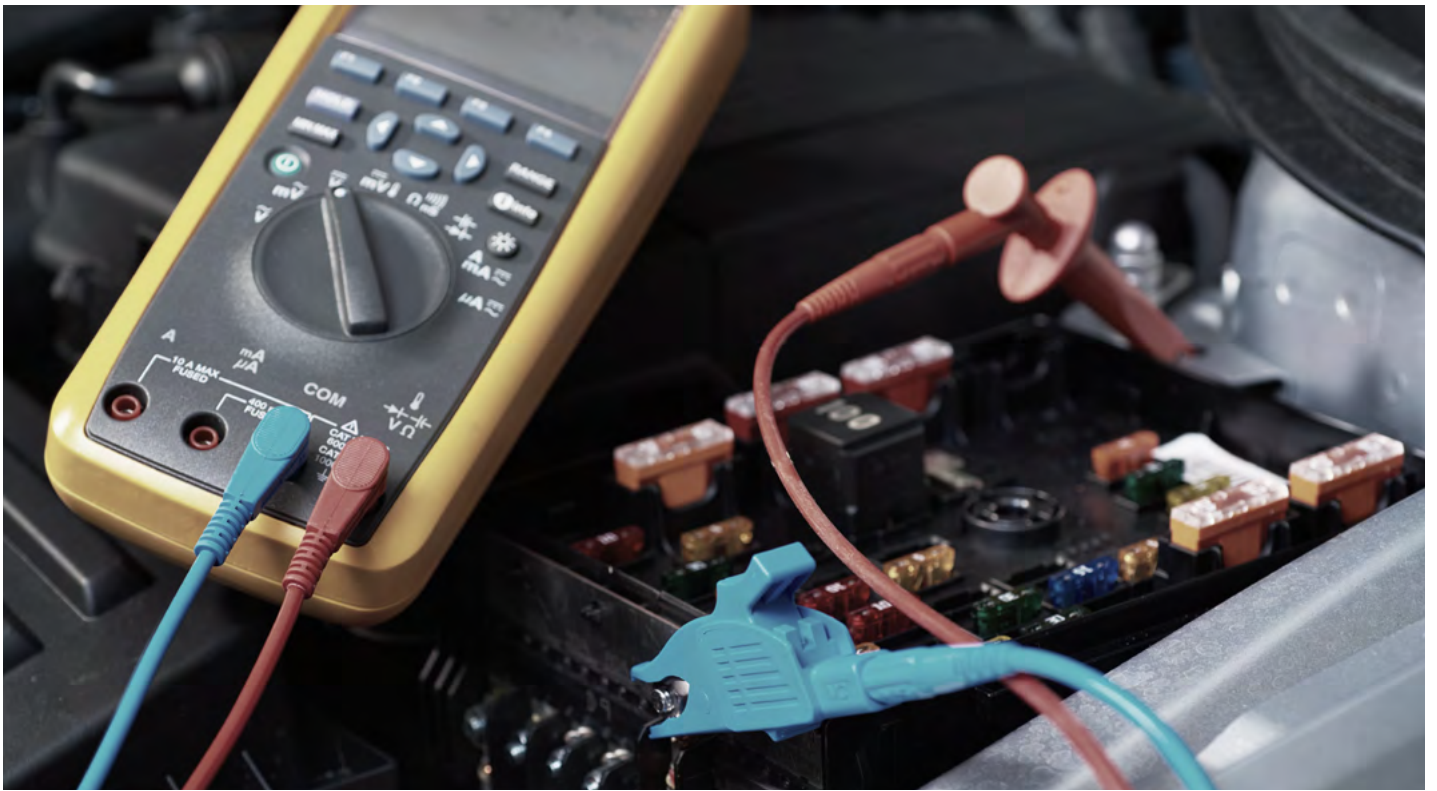
Safe solutions for every measurement category.

Our measurement accessories fulfill all current safety standards for measurement technology across all measurement categories: from low- to medium-high systems; from MULTILAM plugs that are not

touch-protected to touch-protected dolphin clips; from test clips and adapters to cables and multi-strand wires. Many of our products are particularly suited for use at high measuring voltages and high-

er frequencies. With our touch-protected probes for oscilloscopes and corresponding accessories, we also cover applications in the area of high-frequency measurement.





Economical solutions for every sector.

Thanks to our diverse operations and close collaboration with leading manufacturers of measurement equipment, we are familiar with all fields of application in electrical testing and measurement. This means we are able to provide the most efficient and sustainable solution for your area of application as well.

Our solutions are fully tailored to the requirements in your field of operation. The following sectors are just a few examples:

- Measurement equipment and accessories
- Power supply and distribution
- Building technology and installations
- Automotive engineering
- Mechanical engineering
- Schools and universities
- Research and development



The right solution for every market.

As a global market leader, we are represented in all major markets. Along with a strong presence in our home market of Europe, we have established ourselves in the North and South American and in the Asian markets,

and continue to expand our local branches and representatives on an ongoing basis. Our international operations not only mean that test and measurement accessories are adapted to the relevant technical conditions,

but also that you can always discuss specific requirements with a contact partner at a location near you.

The right solution for you.

Stäubli provides you with more than just test and measurement accessories.

We offer:

- Individual solutions for every sector and measuring range
- A wide product portfolio for all measurement categories up to CAT IV
- The highest quality and safety standards
- An international presence and a strong distribution network



Individual solutions for every job.

Every measurement situation presents new challenges for you and your test and measurement accessories. Every sector, every area of application, and every live environment is different – yet despite this, the key parameters are always the same: safety, reliability, practicality, precision, and capacity of measurement accessories.

It pays here to have a partner who can provide a tailored solution for individual, application-specific requirements in every case. We put this solution together for you from our wide range of over 3000 high-quality

products, and also produce customer-specific products on request. This is where our wealth of experience in testing and measurement technology – gained over a period of more than 50 years – comes into play.

Panel-mount sockets



Test probes



Connectors



Crocodile clips

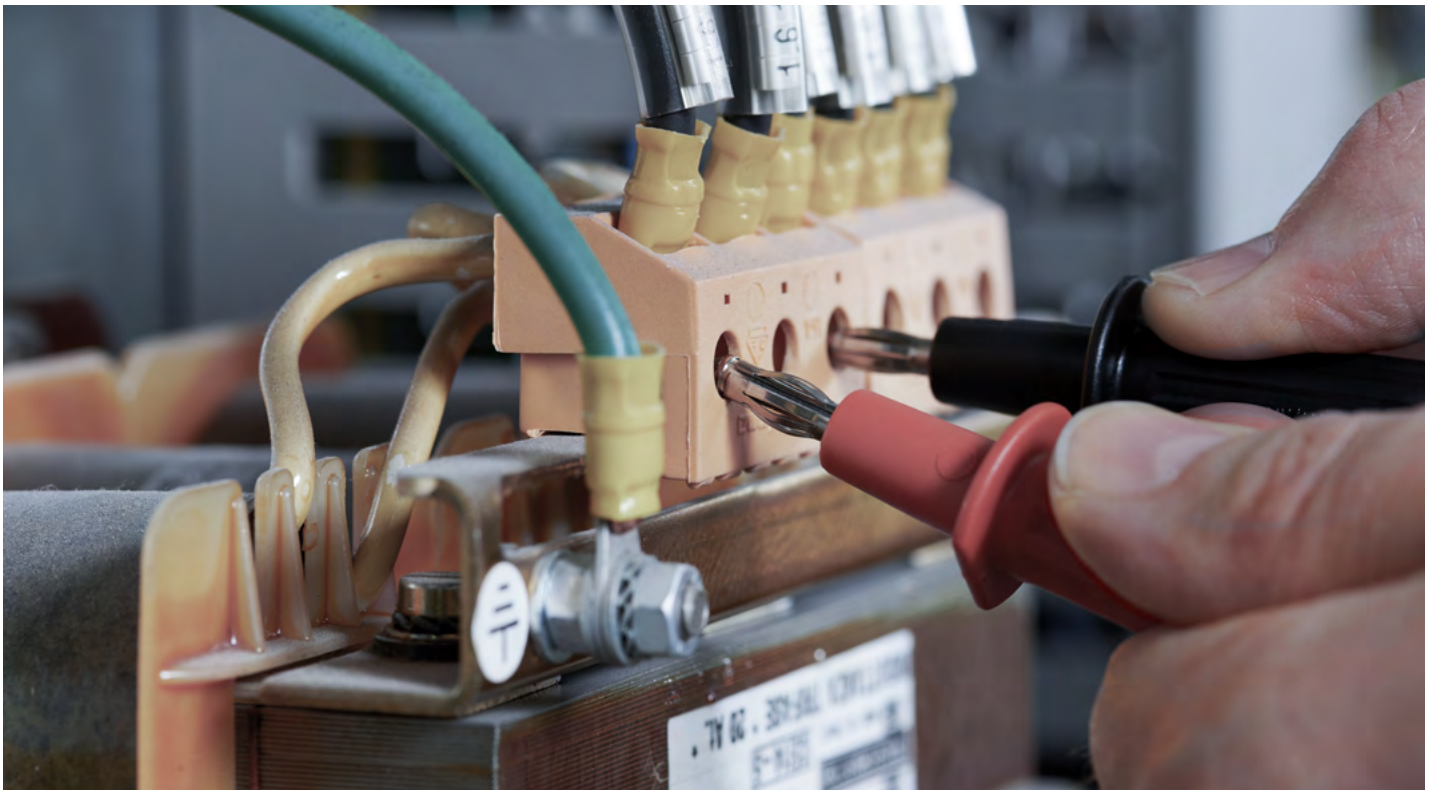


Test clips



Sockets for printed circuit boards





Test accessories T&M

Whether for testing, measuring or diagnosis of components and systems, our innovative test accessories offer you the performance, reliability and long-term stability you need.

- 2 mm and 4 mm plug system
- Accessories for voltages AC 30 V/DC 60 V and touch-protected safety program
- Covering all measurement categories (CAT II to CAT IV)
- Many products with UL-approval

Test leads



Plugs



Sockets



Connecting plugs and sockets



Test clips



Test probes

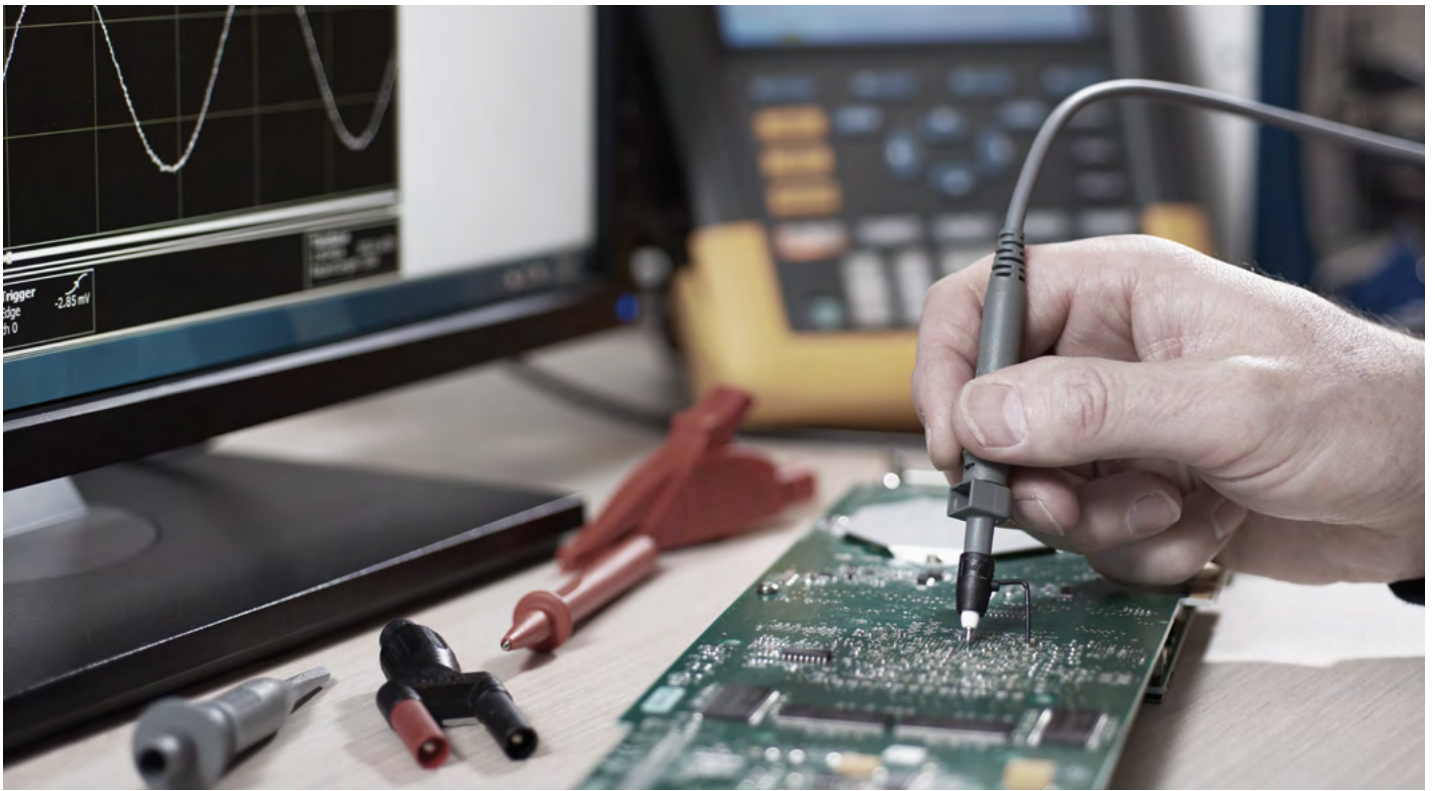


Adapters



Kelvin program





Test accessories HF

The HF product range includes passive test probes and accessories as well as touch-protected BNC plug connectors, leads, adapters and converters.

- Frequencies up to 500 MHz (BNC connectors up to 3 GHz)
- Test probes with dividing ratio of 1:1, 10:1 and 100:1
- Rated voltages up to 1000 V
- Measurement categories from CAT II to CAT IV

Touch-protected passive oscilloscope probes

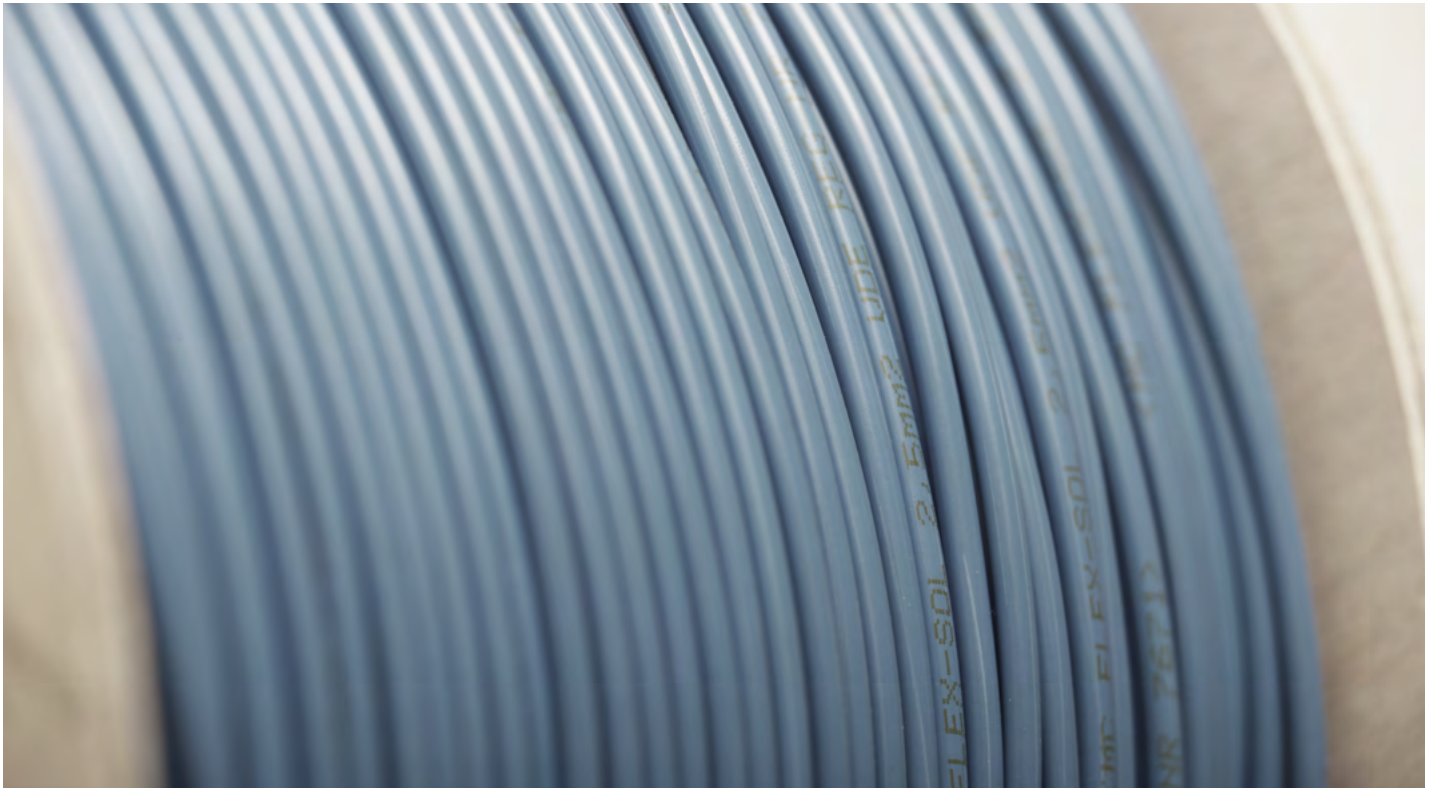


Accessories for passive probes



Touch-protected BNC program



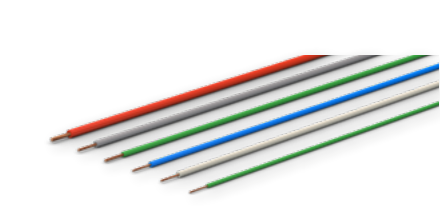


Cables and multistrand wires

Our many years of experience in the production of multistrand wires with PVC, silicone and TPE insulation form the basis of our quality and manufacturing standard in this field.

- Nominal cross-sections up to 95 mm²
- Rated voltages up to 30,000 V
- Rated currents up to 290 A
- Temperature range from -50 °C up to +150 °C

PVC multistrand wires



TPE multistrand wires



Silicone multistrand wires

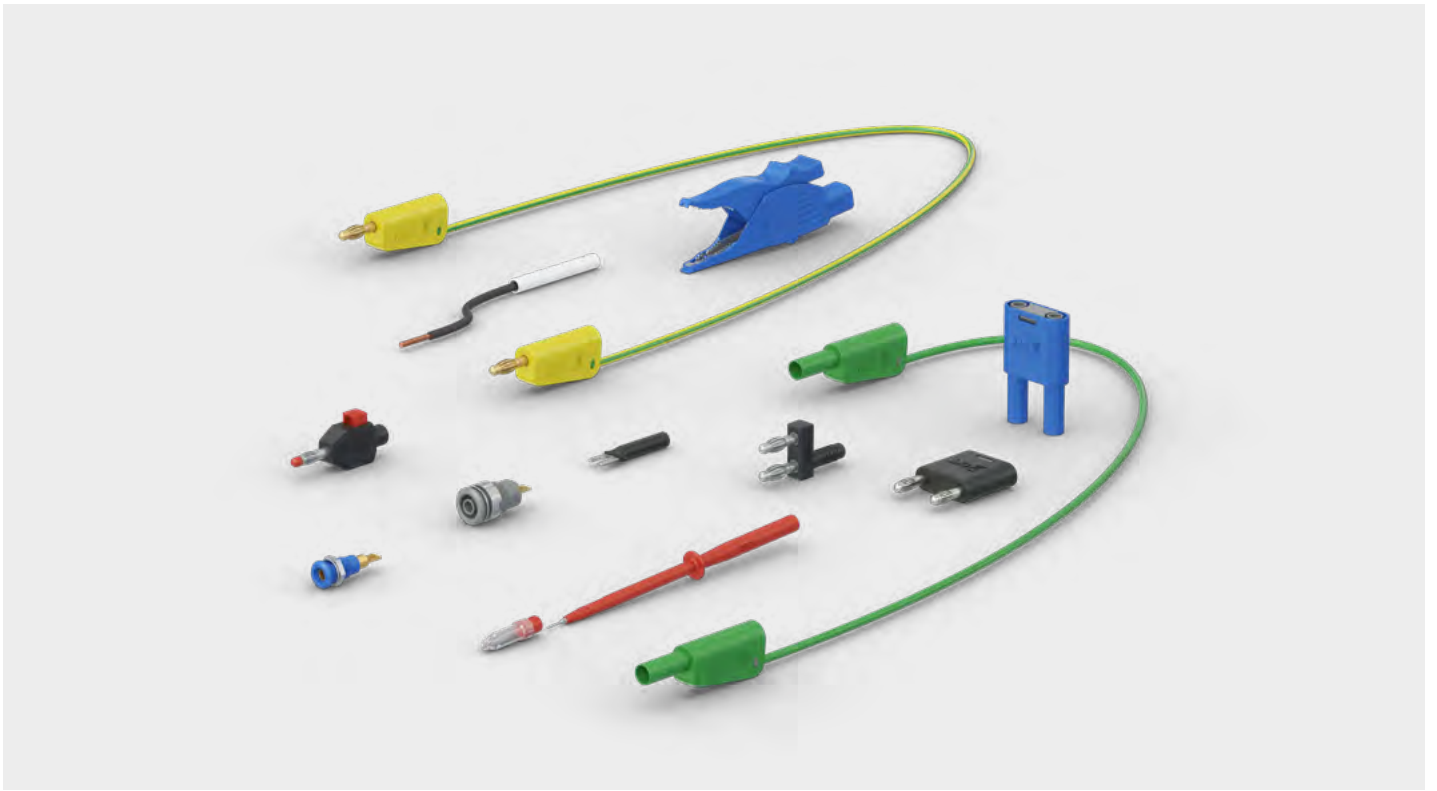


High voltage wires



Special wires





Connection solutions and accessories

Over the last four decades, Stäubli Electrical Connectors has become synonymous with safe and high-quality test accessories

worldwide. Our innovative test accessories provide the performance, reliability and repeatability required for test, measurement

and diagnostics. Our Test & Measurement product family exceeds today's stringent safety requirements





● Stäubli Units ○ Representatives/Agents

Global presence of the Stäubli Group

www.staubli.com