



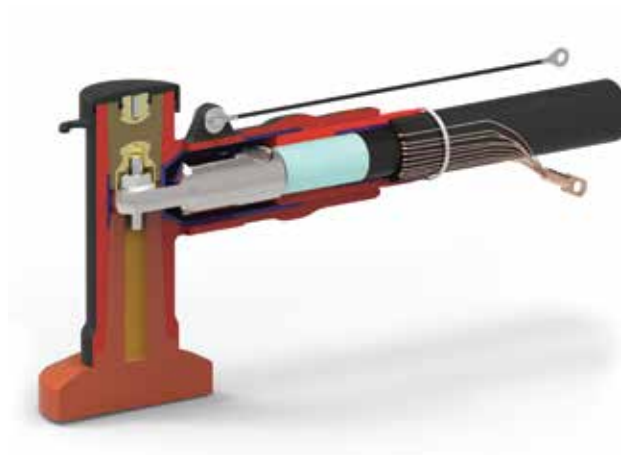
RAYCHEM SCREENED SEPARABLE CONNECTORS RSTI

FOR SWITCHGEARS AND TRANSFORMERS IN
MEDIUM VOLTAGE DISTRIBUTION NETWORKS

ADVANCED SWITCHGEAR CONNECT TECHNOLOGY FOR MEDIUM VOLTAGE NETWORKS

For more than 60 years, TE Connectivity (TE) has supported the delivery of power through well-known product lines like Raychem in a wide of array of industries, applications and environments. TE has a proven track record of advanced materials, technical innovation, reliable performance, ease of installation, technical support and has recently added new sensor capabilities. TE provides Raychem screened separable connectors RSTI products for applications including:

- Substations
- Wind farms
- Solar farms
- Industrial Applications
- Railways
- Oil and Gas





One of the world's largest offshore wind farms had very challenging connectivity needs. The customer required screened separable connectors to fit in unique, compact switchgears. The connectors needed to provide high performance and withstand broad temperature changes, high humidity and salinity. TE's customized products, along with TE's high-level technical support and training, were the ideal solution to meet customer's requirements and keep the project on schedule.

SOLVING CRITICAL BUSINESS AND TECHNICAL CHALLENGES

TE's products are widely regarded for their technical innovation, outstanding performance and reliability as well as their adaptability to customer specifications and requirements. Raychem screened separable connectors RSTI also solve business challenges for our partners:

Range taking - Adaptable to many applications, the versatility of TE's RSTI series allows customers to reduce the number of products to cover all application needs.

Easy to install - RSTI silicone components are flexible and require no special tools, reducing installation time and errors.

Built for harsh environments - Silicone material performs in the toughest conditions and under extreme temperatures.

Technical partners - TE provides end-to-end customer support to help reduce project management time. This includes local language support, on-site training and installation supervision.



SMART DESIGN FOR SMART NETWORKS

TE helps customers overcome technical challenges by providing a complete portfolio of screened separable connectors that is easily adaptable according to the cable type and size. In addition, the RSTI connector's compact design is among the smallest available to fit into the tightest spaces and enables the onsite testing of the cable without disconnecting the connectors.

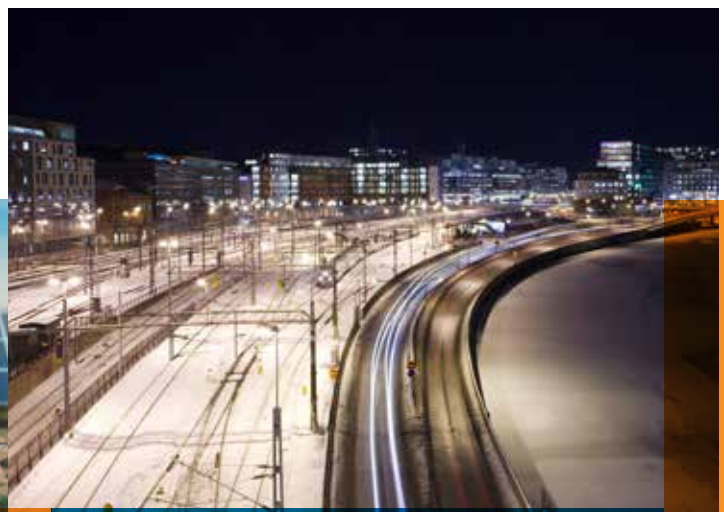
Advanced sensor technology is also available for intelligent grid applications, allowing online monitoring to prevent failures. The unique design of RSTI products makes it possible to combine them with different sensor types for smart applications.

All RSTI products are available with:

- Testing points
- Sensor technology

Other accessories include:

- Terminating plugs
- Earthing plugs
- Test rods
- Dead end rods



A SINGLE PARTNER FOR ADVANCED SWITCHGEAR CONNECT TECHNOLOGY

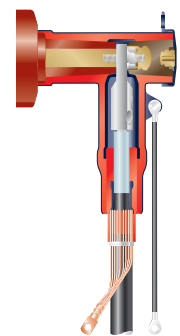
TE serves its customers with a broad portfolio of switchgear connect technology designed to meet the specific needs of highly customized applications depending on the specific country's or utility's cable requirements.

All Raychem screened separable connectors RSTI are EU RoHS/ELV compliant, and exceed CENELEC HD 629.1 S2 requirements, which includes BS, VDE and other international specifications.

RSTI PRODUCT FAMILY OVERVIEW

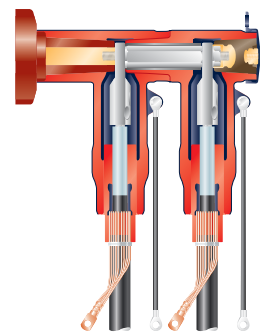
RSTI screened separable connectors up to 42 kV

- Allow the reliable connection of cables even in tight spaces
- Design fits 630A (C1) and 1250A (C2) bushings (EN 50181)
- Cover cable cross sections from 25 to 1000 mm² up to 42 kV
- Available with mechanical and compression lugs
- Oversheath testing without disconnection of the connector body



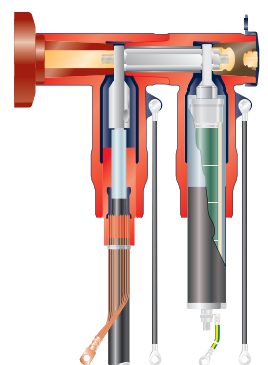
RSTI-CC screened coupling connectors up to 42 kV

- Allow multiple cable connections with one bushing
- Flexibility to combine different cross sections on the same equipment
- Cover cable cross sections from 25 to 1000 mm² up to 42 kV
- Available with mechanical and compression lugs
- Rated current of coupling bolt 1250A



RSTI-SA screened separable connectors with surge arrestors

- Protect electrical equipment from costly outages caused by overvoltage
- Excellent short circuit performance and margins protection
- Nominal current values are 5 kA and 10 kA up to 41 kV Uc
- Compliant with IEC 60099-4
- Base and coupling connector version available





Powering Extraordinary Customer Experiences

When you partner with TE Connectivity, you are getting more than reliable products. You are getting local support, backed by the combined wisdom and global experience of more than 7,000 engineers.

The TE Advantage

- As the leader in connectivity solutions, TE has more than 60 years of experience in the most diverse industries across the globe, and provides customers with tried and proven technologies.
- Our world-renowned Raychem products deliver performance, reliability and long service life.
- Our advanced materials science produces robust, highly durable products that withstand harsh environments and conditions.
- Our engineers and product teams provide one of the best expertise and support in the industry. We support your team from start to finish, offering everything from solutions to challenging design problems to hands-on field support for stress-free installation.

Learn more at te.com/rsti

TE Connectivity (NYSE: TEL) is a \$12 billion global technology leader. Our commitment to innovation enables advancements in transportation, industrial applications, medical technology, energy, data communications, and the home. TE's unmatched breadth of connectivity and sensor solutions, proven in the harshest of environments, helps build a safer, greener, smarter and more connected world. With 75,000 people – including more than 7,000 engineers – working alongside customers in nearly 150 countries, we help ensure that EVERY CONNECTION COUNTS – www.TE.com.

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- Wind/Solar
- Hydro-electric

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- Underground
- Overhead
- Street Lighting

Industry

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