



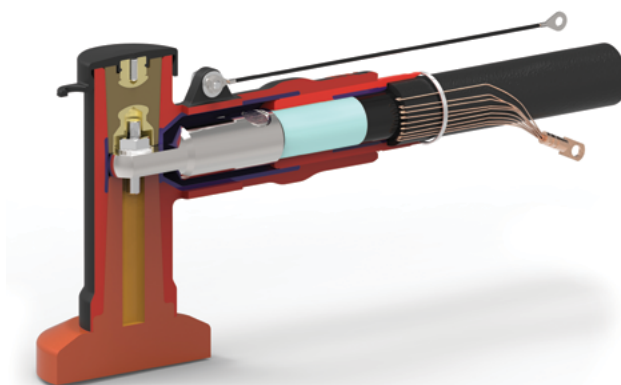
TE'S RAYCHEM SCREENED T-CONNECTORS RSTI

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 TE's 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's Raychem Screened separable T-connectors RSTI are suitable 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. TE's Raychem Screened separable T-connectors RSTI also solve business challenges for our partners:

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

Easy to install – TE's Raychem 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 are easily adaptable according to the cable type and size. In addition, the TE's Raychem 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.

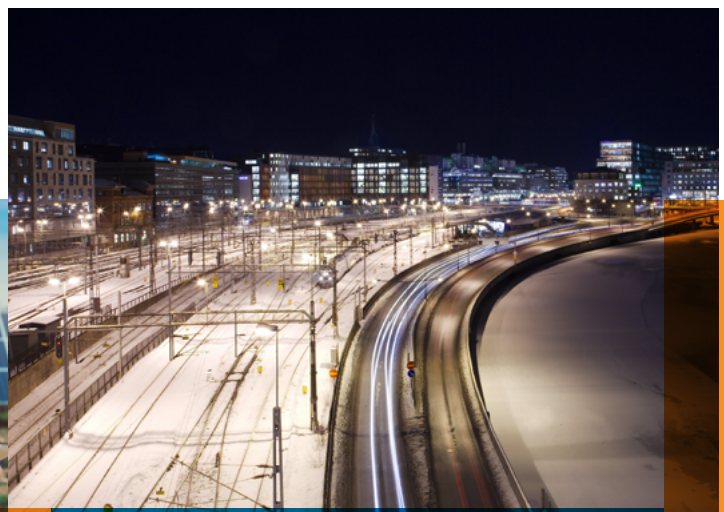
Advanced sensor technology is also available for intelligent grid applications, allowing online monitoring to prevent failures. The design of TE's Raychem RSTI products makes it possible to combine them with different sensor types for smart applications.

TE's Raychem 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.

TE's Raychem Screened T-connectors RSTI are EU RoHS/ELV compliant and exceed CENELEC HD 629.1 S2 requirements, which includes BS, VDE and other international specifications.

TE'S RAYCHEM RSTI PRODUCT FAMILY OVERVIEW

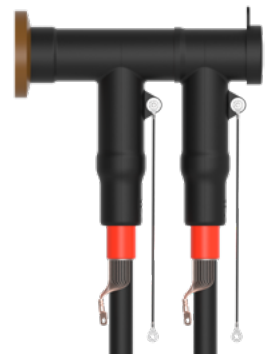
TE's Raychem Screened T-connectors RSTI up to 42 kV

- 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 mm² to 1000 mm² up to 42 kV
- Available with mechanical and compression lugs
- Oversheath testing without disconnection of the connector body



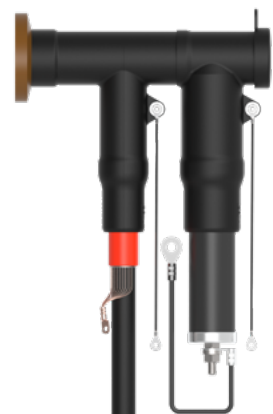
TE's Raychem screened coupling connectors RSTI-CC up to 42 kV

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



TE's Raychem screened connectors with surge arresters RSTI-SA up to 41 kV

- 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 U_c
- 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 TE's 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 Ltd. is a \$13 billion global technology and manufacturing leader creating a safer, sustainable, productive, and connected future. For more than 75 years, our connectivity and sensor solutions, proven in the harshest environments, have enabled advancements in transportation, industrial applications, medical technology, energy, data communications, and the home. With 78,000 employees, including more than 7,000 engineers, working alongside customers in nearly 150 countries, TE ensures that EVERY CONNECTION COUNTS. Learn more at www.te.com

Generation

- Conventional Power
- Nuclear Power
- Wind/Solar
- Hydro-electric

Transmission & Distribution

- Substation
- Underground
- Overhead
- Street Lighting

Industry

- Mining
- Petrochemical
- Railway
- Shipbuilding

WHEREVER ELECTRICITY FLOWS, YOU'LL FIND TE CONNECTIVITY



te.com/energy

FOR MORE INFORMATION:

TE Technical Support Centers

AMERICAS

USA/Canada: +1 (800) 327-6996
 Mexico: +52 0-55-1106-0800
 Brazil: +55 11-2103-6023
 South America: +57 1-319-8962

ASIA-PACIFIC

Australia: +61 29-554-2695
 New Zealand: +64 9-634-4580
 China: +86 (0) 400-820-6015

EUROPE-MIDDLE EAST-AFRICA

France: +33 (0) 38-058-3200
 Germany/Switzerland: +49 (0) 89-608-9903
 UK: +44 08708-707-500
 Spain/Portugal: +34 912-681-885
 Italy: +39 333 250 0915
 Benelux: +32 16-508-695
 Russia: +7 495-790 790 2-200
 Poland/Baltics: +48 224-576-753
 Czech Republic: +42 (0) 272-011-105
 Sweden/Norway: +46 850 725 000
 Middle East: +971 4-211-7020

te.com/energy

© 2018 TE Connectivity. All Rights Reserved. EPP-2566-10/18

Raychem, TE Connectivity and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. family of companies. Other logos, product and Company names mentioned herein may be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this brochure are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.