

TE'S RAYCHEM PLUG-IN TERMINATIONS (RPIT)

INNER CONE SYSTEMS FOR SWITCHGEARS
AND TRANSFORMERS UP TO 52 kV

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TYPE-TESTED, FIELD-PROVEN INNER CONE CONNECTORS

Inner cone terminations are essential components of substations and cable networks – requiring products that are high-quality, robust and compatible with existing systems.

TE Connectivity (TE) has decades of experience in the field of hermetically-insulated termination systems for Medium Voltage applications and offers an inner cone product series, per EN 50180 and EN 50181, for polymeric insulated cables from 12 kV to 52 kV.

MAKE TE YOUR PARTNER OF CHOICE AND EXPERIENCE THE BENEFITS:

- A full line of inner cone products, including all types of accessories
- Seamless product integration of separable connectors with systems meeting EN 50180 or EN 50181 standards, including a full line of products for outer cone bushings
- Special solutions for products made to withstand harsh environments
- Customized kits and solutions for armored, trifurcation and special applications
- Reliability and assurance that comes with more than 60 years of TE's Raychem material science and engineering experience
- Unparalleled customer service, design assistance and field support





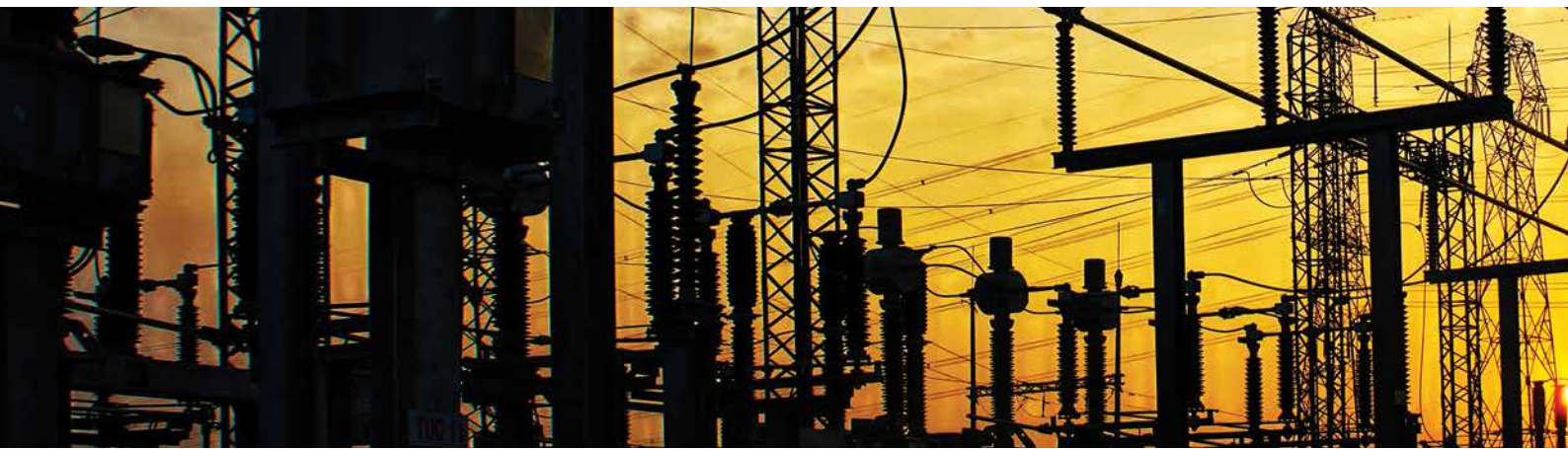
HANDLING ANYTHING MOTHER NATURE CAN DISH OUT



HIGH-QUALITY INNER CONE TERMINATIONS FOR RELIABLE POWER DISTRIBUTION

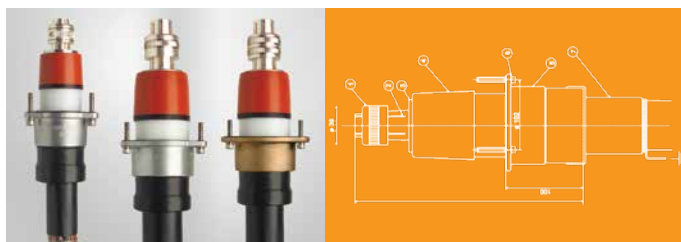
TE's Raychem Plug-in Termination (RPIT) separable connectors are compatible with inner cone bushings size 2 (800 A) and size 3 (1250 A) as per EN 50180/EN 50181. RPIT product series are available for system voltages from 12 kV up to 52 kV for any type of cable.

The inner cone termination incorporates a high-quality contact system which ensures reliable current transmission from the cable conductor to the busbar. The electrical interfaces between the silicone stress relief cone to the cable and the bushing are kept permanently sealed using a pressure component. This element is housed in the protection cover, which is sealed with heat-shrinkable tubing.

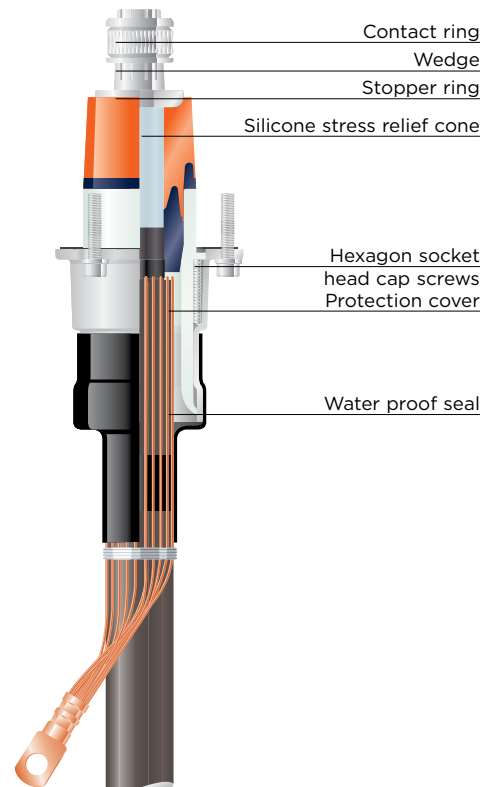


KEY FEATURES

- Shielded inline connection for gas insulated switchgears and transformers up to 52 kV
- Metal-enclosed, hermetically insulated and suitable outdoor use
- Designed to be used for different conductor types in accordance with IEC 60228
- Special designs for wind power stations and offshore applications with bronze protection covers
- Optional voltage detection point



RPIT Termination



INSTALLATION MADE EASY

RPIT Installation Tool

TE makes the installation and plug-in of inner cone terminations simple and quick by offering an easy-to-handle installation tool, which is compatible with industry-wide standards.

Local Field Support

Backed by local engineers, TE offers one of the best field support programs in the industry. Benefit from technical advice in local language, on-site training and design support at any project stage, provided by TE's worldwide organization for stress-free installation.



TE PRODUCTS PLAY WELL WITH OTHERS

EVERY CONNECTION COUNTS

RPIT ACCESSORIES

TE offers a full line of RPIT accessories to meet any needs and support you at any project stage.

- Bushings: available in size 2 and 3 up to 52 kV as per EN 50180 and EN 50181, with optional voltage detection point for use in switchgears and transformers
- Insulating caps: electrical insulation and sealing for bushings size 2 and 3 that provide protection against dust and moisture
- Voltage testing socket: for on-site testing on RPIT terminations
- Current testing socket: for current testing on switchgears, transformers and transducers, fitted with RPIT bushings



IN ADDITION TO THE RPIT PRODUCT LINE, TE OFFERS A FULL RANGE OF CABLE ACCESSORIES FOR LOW, MEDIUM AND HIGH VOLTAGE APPLICATIONS.

EXTRAORDINARY CUSTOMER EXPERIENCES ARE OUR SPECIALTY

When you work with TE Connectivity, you are getting more than reliable products. You are getting local support, backed up by the combined wisdom and global experience of more than 7,000 engineers who have worked on everything from rovers on the surface of Mars to remote-operated vehicles 6,000 meters below sea level, and everything in between.

So whether it's enabling an improved and reliable electrical performance or developing robust solutions that can withstand the harshest environments, our engineers combine years of experience with the ingenuity it takes to create trustworthy technologies. The results are products and solutions that deliver a more reliable, higher performing connectivity network...all to help you develop a system that maximizes its potential.

TODAY'S WORLD IS A 24/7 WORLD, AND A ONE-SIZE-FITS-ALL
APPROACH TO CUSTOMER SERVICE NO LONGER WORKS.
OUR CUSTOMERS CAN COUNT ON US ALL THE TIME, EVERY TIME.

THE TE ADVANTAGE

- As the leader in connectivity solutions with more than 60 years' experience in the most diverse industries across the globe, we provide customers with tried and proven technologies.
- TE's well-known Raychem products deliver performance, reliability and long service life for an assurance that you will retire before our products will.
- Our advanced materials science produces robust, highly durable products that withstand harsh environments and conditions.
- Our engineers and product teams provide some of the best expertise and support in the industry — starting early in the design phase for solutions that meet any challenge to hands-on field support for stress-free installation.

Learn more at te.com/rpit



THE POWER TO DELIVER



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.

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 ENERGY



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