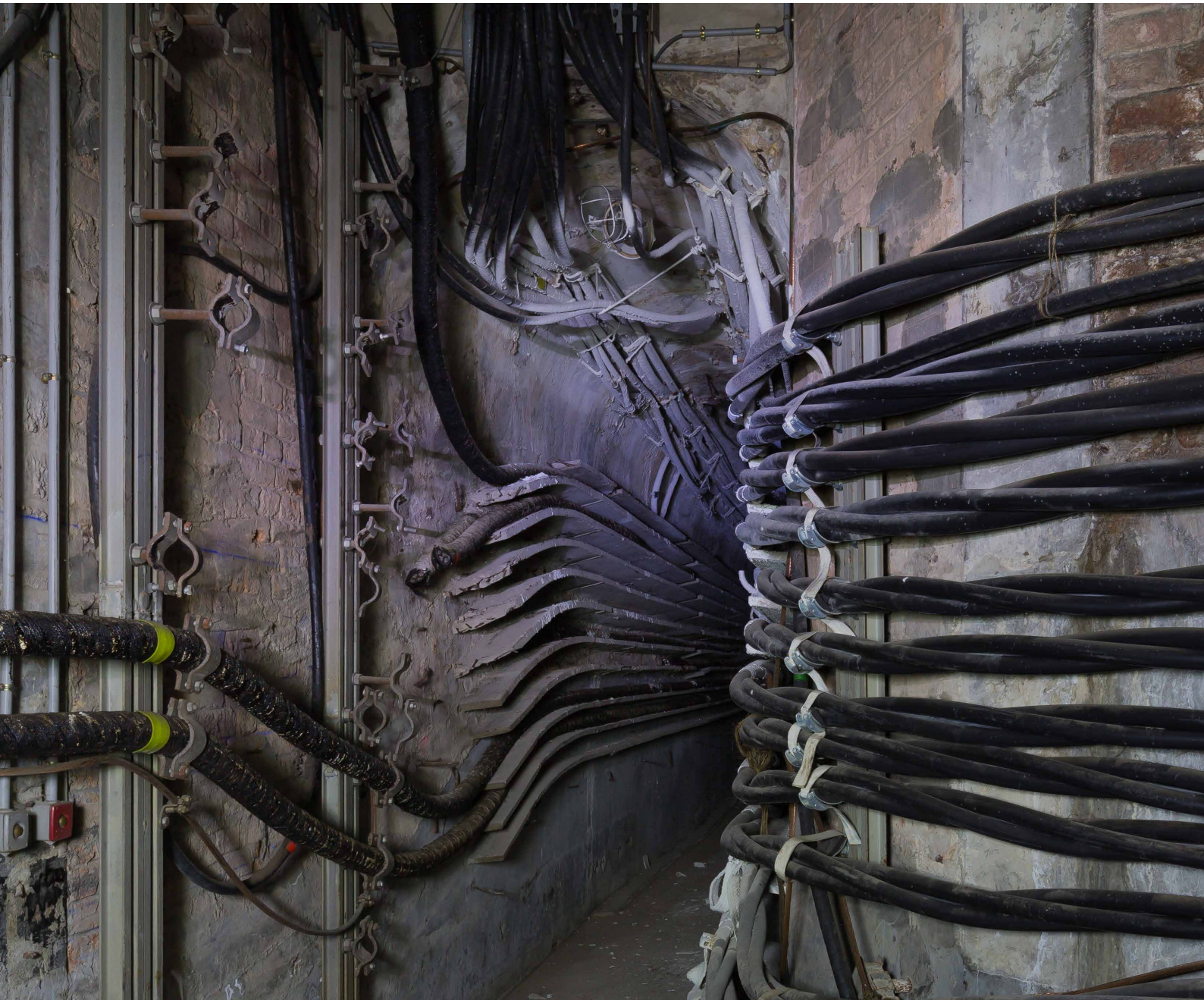


LOW VOLTAGE HEAT SHRINK JOINTS TECHNOLOGY

CONNECTING YOUR NEEDS TO TOMORROW'S NETWORKS



TE Connectivity (TE) offers a wide range of reliable and easy to install products for energy infrastructures. Our position as a leading supplier of connectivity solutions enables us to design next-generation products. For decades, we have worked closely with our customers around the globe to develop innovative solutions to ever-changing challenges.



NEW JOINTING TECHNOLOGY DRIVEN BY CUSTOMER FOCUSED INNOVATION

For more than 60 years, TE Connectivity (TE) and its well-known Raychem product line have supported utilities and contractors with safe and reliable heat shrink jointing technology for a variety of power distribution applications, including overhead and underground lines.

With a proven track record of innovation in material science and manufacturing, TE is proud to offer a streamlined portfolio of Low Voltage jointing technology. We enable our customers' successes by optimizing our portfolio based on a deep understanding of their requirements.

From premium range-taking joint solutions to innovations in the field of fire resistant and class 5 cables, TE's products for Low Voltage applications are built to withstand environmental extremes over long operating lifetimes while offering industry leading:

- Reliability and proven performance
- Safety
- Easy installation

110+
Countries Served

2500+
Low Voltage Kits Delivered Per Day

We speak
ONE
Design Language

CENTERS OF EXCELLENCE

SOLVING YOUR TECHNICAL CHALLENGES TO CO-CREATE THE CONNECTED FUTURE

TE manufactures its LVHS Joints at its state-of-the-art technical Center of Excellence (COE) in Ottobrunn, Germany. The center continuously tests, measures and refines LVHS Joint solutions to improve our customers' networks and ensure outstanding performance and reliability. Our worldwide Centers Excellence have:

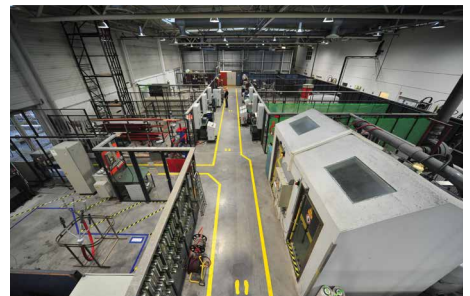
7,000
Engineers Globally

60 YEARS
INDUSTRY EXPERIENCE



21
TESTING COMPETENCIES

30+ YEARS
MAINTENANCE FREE SERVICE LIFE



Our European manufacturing facilities minimize environmental impact by reducing both waste and shipping distance to market.



Worldwide Centers Foster Continuous Product Innovation and Excellence



Built for harsh environments – Our heat shrink technology ensures reliable performance in the toughest conditions and temperature ranges.



Range taking – The versatility of TE's LVHS Joints allows for their usage in a wide range of applications, cable types and sizes.



Easy to install – Heat shrink products are flexible and require no special tools, reducing installation time and errors.



Material compliant – TE products are RoHS compliant, halogen free and flame retardant, and comply with standards for environmental and installer safety.

Close Collaboration with a Responsive Technical Partner

Partnering with TE Connectivity provides end-to-end customer support. We can solve your challenges with our Premium Essential and Innovative Solutions products.

TE can help to:

- Reduce project management time
- Provide local language support
- Offer on-site training
- Support hands-on field installation



THE LATEST JOINTING TECHNOLOGY BUILT ON PROVEN EXPERIENCE

PREMIUM ESSENTIALS

The Premium Essentials portfolio contains products for copper and aluminum energy cables that cover your everyday jointing needs. The design of each product is optimized so that the entire LV range (1.5 mm² - 240 mm²) is covered by only four kits. This not only results in quick delivery times, but also in a significant decrease in the inventory that you have to hold as a customer. All Premium Essential products meet EN 50393 specification. Some key product offerings from this portfolio are shown below.

LJSM

An inline joint for plastic cables:

- Includes shear bolt connectors that cover a wide application range and do not require special crimping tools
- Designed according to DIN V 47640
- Covers crimp and mechanical lugs



LJTM

A transition jointing system to connect various paper with plastic cables:

- Includes shear bolt connectors that cover a wide application range and do not require special crimping tools
- Designed according to DIN V 47640
- Covers crimp and mechanical lugs



EPKE

Live end seals for plastic and paper cables:

- Covers 4 and 5 core applications
- Coated with an adhesive solution for water sealing



EPKT

A termination for LV plastic / paper cables:

- Covers 4 and 5 core applications
- Coated with adhesive solution for water sealing



INNOVATIVE SOLUTIONS

The Innovative Solutions portfolio contains products for various cable types and applications that excel in harsh environments. These products set a new jointing benchmark for example in the field of safety class cables (fire resistant) and flexible cables. All innovative jointing solutions meet EN 50393, as well as the distinct specifications of the cable. A few key product offerings from this portfolio are shown below.

LFRJ

A joint for fire resistant cables up to 1 kV:

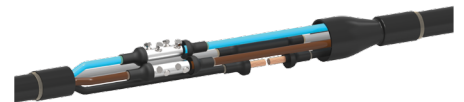
- No fragile components which improves functionality and decrease the risk of failure
- Meets the characteristics and flexibility requirements of safety class cables
- Meets the IEC 60331, 332; DIN 4102-12 and BS 6387 specifications



LJC5-M

An Inline joint for class 5 flexible cables:

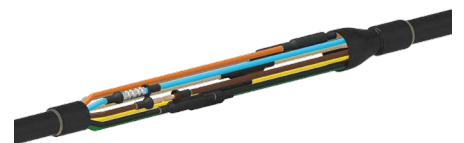
- Includes shear bolt connectors that cover a wide application range and do not require special crimping tools
- Meets the characteristics and flexibility requirements of class 5 cables
- Easy installation and no special tools needed



ECKJ

A joint for control cables in heavy industries:

- Indoor & outdoor applications
- Applicable for 1 – 2.5 mm² with and without armor



EMKJ

A joint for flexible cables in heavy industries:

- Indoor and outdoor applications
- Meets the IEC 60332, DIN 53516 and DIN 50393 specifications
- Flexible and abrasion resistant
- Suitable for use in open mines, shipyards and chemical plants



TE Connectivity (NYSE: TEL) is a \$12 billion global technology leader. Our connectivity and sensor solutions are essential in today's increasingly connected world. We collaborate with engineers to transform their concepts into creations – redefining what's possible using intelligent, efficient and high-performing TE products and solutions proven in harsh environments. Our 72,000 people, including 7,000 design engineers, partner with customers in close to 150 countries across a wide range of industries. We believe EVERY CONNECTION COUNTS – www.TE.com.

- Mining
- Nuclear power plants
- OEMs
- Overhead distribution
- Petrochemical plants
- Railways
- Street lighting
- Substations
- Transmission lines
- Underground distribution
- Windfarms
- Solar
- Hydro-electric

WHEREVER ELECTRICITY FLOWS, YOU'LL FIND TE ENERGY



te.com/energy

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