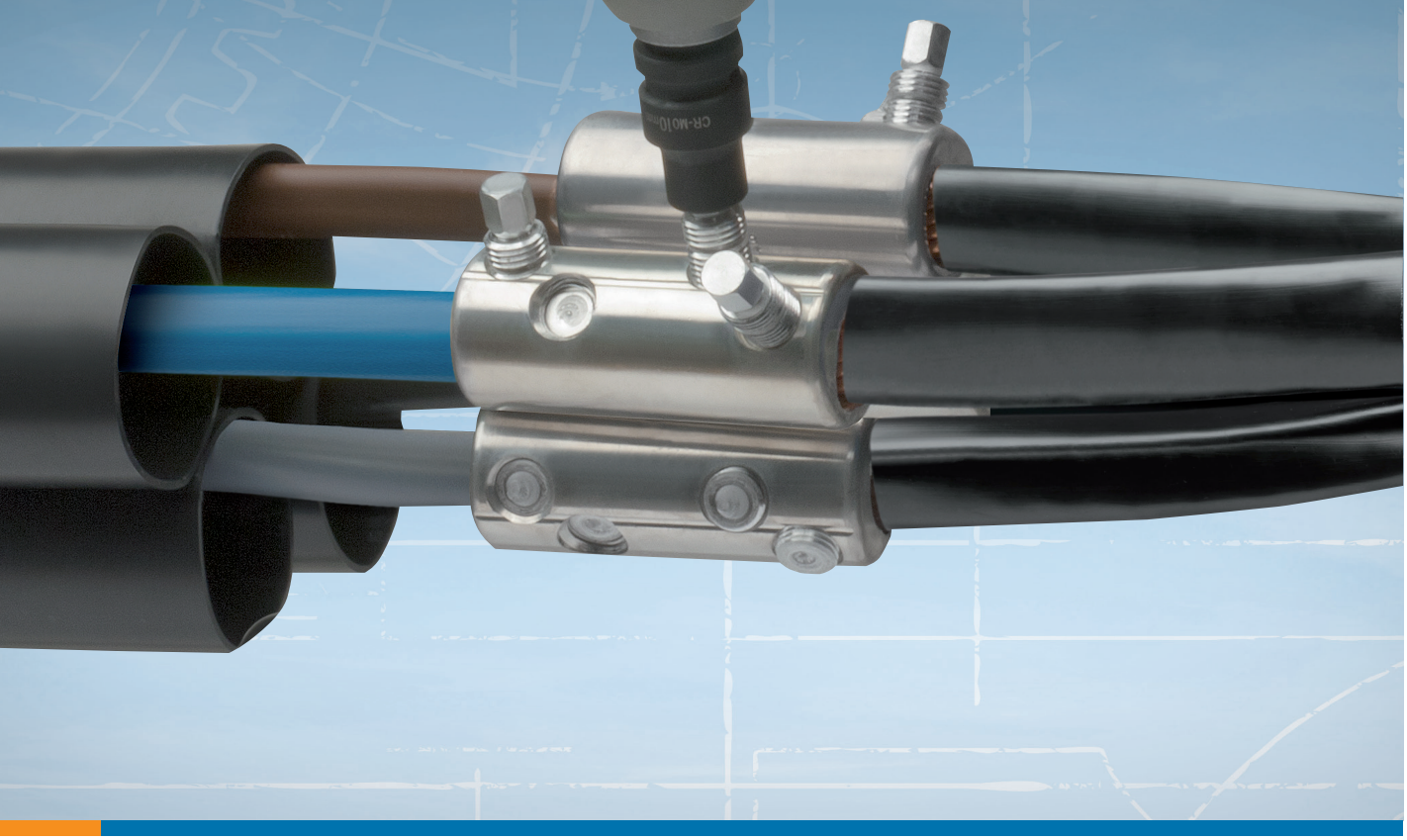


HEAT-SHRINKABLE TRANSITION JOINTS (LJTM)

UP TO 1 kV INCLUDING MECHANICAL SHEARBOLT CONNECTORS

KEY FEATURES

- High range taking
- Fixed application ranges, with clear allocation for selection of mechanical connectors
- Optimized wall thickness
- Shear-torque-controlled mechanical connectors
- Unlimited shelf-life
- Fast and easy installation

TE Connectivity's (TE) Raychem LJTM line of low voltage transition joints offer the reliability of Raychem heat shrink technology combined with the advantages of mechanical shear bolt connectors. The joints are designed in accordance to the new DIN 47640 standard. The requirements of the standard are met by using TE's Raychem heavy-walled tubing (WCSM) with larger application range and the newly-developed mechanical shear bolt connectors (BSLB).

The TE optimized design provides the advantage of fewer kits usable for a variety of cable constructions and cross-sections. TE's Raychem LJTM joints are available for transition applications of 4-core unarmored polymeric cables to 4-core paper insulated lead sheath or 4-core paper insulated aluminum sheath cables.

Standardized LV jointing family, designed for both connecting systems:

- LJTU (universal = designed for crimp and mechanical connectors)
- LJTM (mechanical = includes mechanical connectors)

Joints are designed to meet modern requirements for LV accessories and cover all relevant customer specifications for LV joints.

Focus on high range taking:

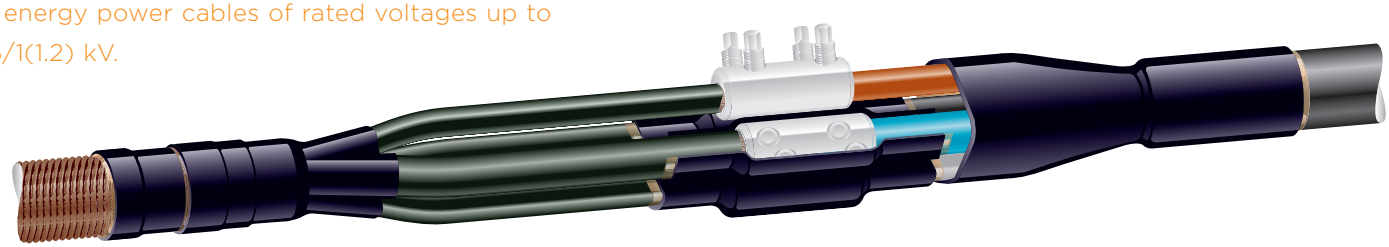
- Fixed application ranges
- Entire LV-range is covered by 3 kits:

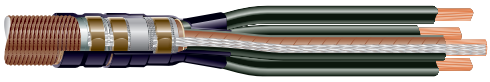
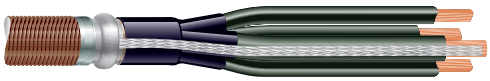
LJTx-4x10-50 mm2, LJTx-4x35-150 mm2, LJTx-4-95-240 mm2

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

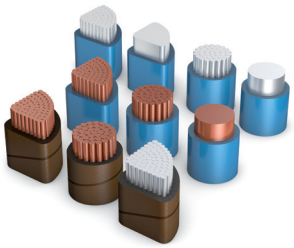
Rayvolve Splice Covers RVS

Passed type tests in accordance with EN50393 requirements on cable accessories for applications on energy power cables of rated voltages up to 0.6/1(1.2) kV.



Transition jointing system to connect to various paper cables with plastic and rubber insulated cables up to 1 kV.




Including our new BSLB mechanical shear bolt connector.

TE's new Raychem LJTM product line has passed all type tests in accordance with:

EN50393 - Test requirements on cable accessories for applications on energy power cables of rated voltages up to 0.6/1(1.2) kV

Independent qualifications tests have been carried out on the sizes 35/150 and 95/240 at the "Institute for Electrical Engineering and High voltage technology" (IEH) at the University of Karlsruhe, Germany.

All other sizes have also been completely tested in TE's Raychem laboratories in Ottobrunn/Munich in Germany.

PRODUCT SELECTION INFORMATION

Description	Part Number	Application Ranges (mm²)		
		Polymeric Cable	Paper Cable with Lead Sheath	Paper Cable with Aluminum Sheath
LJTM-4X/010-050	CZ7577-000	4 x 10 - 50	4 x 10 - 35	3x 10-50
LJTM-4X/035-095	CZ7372-000	4 x 35 - 95	4 x 25 - 70	3x 25-95
LJTM-4X/035-150	CZ7578-000	4 x 35 - 150	4 x 35 - 120	3x 35-150
LJTM-4X/095-240	CZ7576-000	4 x 95 - 240	4 x 95 - 185	3x 95-240
LJTU-4X/010-050	CZ8739-000	4 x 10 - 50	4x 10-35	3x 10-50
LJTU-4X/035-095	CZ8690-000	4 x 35 - 95	4x 25-70	3x 25-95
LJTU-4X/035-150	CZ8736-000	4 x 35 - 150	4x 35-120	3x 35-150
LJTU-4X/095-240	CZ8738-000	4 x 95 - 240	4x 95-185	3x 95-240

Application note: the range for paper insulated lead sheath cables needs to be reduced by one cross-section to insert the earth braid connecting the lead sheath and the neutral core into the mechanical connector. For crimp connector and/or armoured cable applications, please contact your TE Energy sales representative.

ORDERING INFORMATION

TE's Raychem LJTM transition joint kits are currently available for connections from of polymeric insulated cables without armour to 4-core paper insulated cables with lead sheath or to 3-core paper insulated cables with aluminum sheath.

There are four kits available covering the applications on both cables with lead or aluminum sheath. Each joint covers a large range of cable sizes and is supplied as a complete set, including the new BSLB (blocked) mechanical shear bolt connectors and all other required heat shrink components.

The components required for the connection of the metal sheath of the paper cables are contained in the kit content.
The joint application ranges, defined in the selection table are defined by the maximum application limits of the heat shrinkable components and the design limits for the mechanical connectors.

Due to different conductor and cable dimensions the minimum and maximum application range may be extendable or have to be limited.
Please contact your local TE sales representative.

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