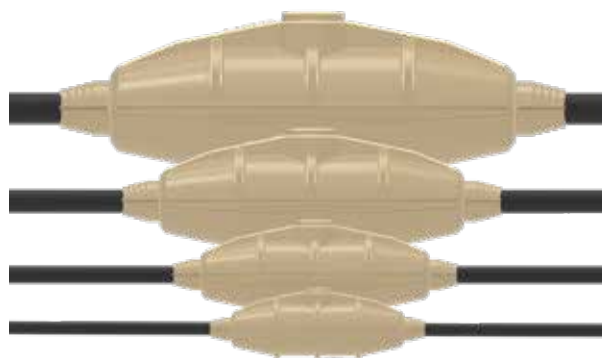


TE CONNECTIVITY'S (TE) TSJ-SC JOINTS WITH RAPID RESIN

For power cables up to 1 kV

TE's TSJ-SC joints with rapid resin for armoured power cables up to 1 kV

- A comprehensive range of resin-filled joints for low voltage armoured power cables with conductor sizes up to 400 mm².
- Designed with generous dimensions to accommodate connectors needing no special installation tooling.
- A 2-part Polyurethane resin supplied with the kit in a double chamber bag provides insulation, sealing and mechanical protection for the completed joint.
- Clear, rigid, snap-fit joint shells to aid correct installation.
- Armour continuity bonds available as a module kit.
- Qualified to national and international performance standards.



TE Straight Joints (TSJ)

Application

TSJ-SC joints are designed for 2-, 3- and 4-core power cables with rated voltage up to 0,6/1,0 (1.2) kV. They are suitable for cables with:

- Copper or aluminium (solid or stranded) conductors up to 400 mm²
- XLPE, PVC or EPR insulation
- Wire armour (SWA) or strip armour
- See the kit selection table opposite. Select from the range of TSJ-SC kits according to conductor size and cable diameter.

Quality

ISO 9000 series and ISO 14001 certifications underline the TE's commitment to quality and the environment. All TE products are subject to a series of rigorous checks from the time they enter our plants as raw material until they leave as finished products. Re-qualification testing is carried out on a regular basis with installed products.

Customers can thus have full confidence in the products, services and data supplied.

Design

TSJ-SC joints are designed for simplicity and easy installation. They are part of TE's cable accessories range, known for more than 60 years for its expertise, reliability, and quality.

Components for armour bonding are also available upon request. The continuity bond is an insulated flexible conductor with short circuit rating suitable for fuse-protected circuits.

Joints are filled with a qualified and well established two-part polyurethane resin system supplied in flexible foil laminate pouches for easy mixing and pouring. Resin kits carry a full 3-year shelf-life.

Each joint kit includes clear and detailed installation instructions. Kit components are well protected in robust box packaging with clear labelling.

The combination of two-part polyurethane resin and B&H mechanical connectors at the heart of TSJ-SC joints has been fully qualified to the respected UK performance standard Engineering Recommendation C81, including the requirements of BS 7888 and CENELEC HD623 (EN 50393).

SELECTION TABLE FOR TSJ-SC

Description	RPN	Part description	Joint length	Joint width	Cable range	4 core unarmoured range	4 core armoured range
TSJ-SC1	BAH-038081518	BM0915-000	190	36	6-27	4 x 10	4 x 6
TSJ-SC2	BAH-038081519	BM0916-000	270	49	16-37	4 x 25	4 x 16
TSJ-SC3	BAH-038081520	BM0917-000	360	75	20-44	4 x 50	4 x 35
TSJ-SC4	BAH-038081521	BM0918-000	430	85	26-52	4 x 95	4 x 70
TSJ-SC5	BAH-038081522	BM0919-000	530	110	35-67	4 x 150	4 x 120
TSJ-SC6	BAH-038081523	BM0920-000	670	135	49-67	4 x 240	4 x 240
TSJ-SC7	BAH-038081524	BM0921-000	870	160	59-77	4 x 300	4 x 300

TE Connectivity Ltd. is a \$14 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 80,000 employees, including more than 8,000 engineers, working alongside customers in approximately 140 countries, TE ensures that EVERY CONNECTION COUNTS.

Generation

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

Transmission & Distribution

- Substation
- Underground
- Overhead
- Street Lighting

Industry

- Mining
- Petrochemical
- Railway
- Shipbuilding

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