



Resin-filled Joints Type UK/PXE for Unarmoured Power and Control Cables up to 0.6/1 kV

The PXE product family forms part of a large and growing range of LV filled joints from TE Connectivity. Joints described here are based on TE Connectivity proven in-house filler material technology and a range of clear, robust, snap-together joint shells.

- Range-taking joint kits with few components for quick and simple installation
- Clear, robust, snap-together joint shells for easy positioning and filling
- Joint insulation, sealing and mechanical protection provided by proven two-part filler materials supplied in convenient foil packs
- Choice of filler material. GUROFLEX non-hazardous filler is available as an alternative to standard polyurethane RAPID filler.
- Core separator to ensure adequate clearance between conductor connectors
- Abrasive cloth, sealing tape and protective gloves included in the kit
- Performance tested to European standard CENELEC EN 50393 (UK utility standard ER C81)

Resin-filled Joints Type UK/PXE for Armoured and Unarmoured Power and Control Cables up to 1 kV

User-friendly kits

Joint kits selected from the tables below include joint shells, two-part polyurethane resin in double-chamber packs for enclosed mixing, core separator, abrasive cloth tape, sealant tape and a picture-based installation instruction.

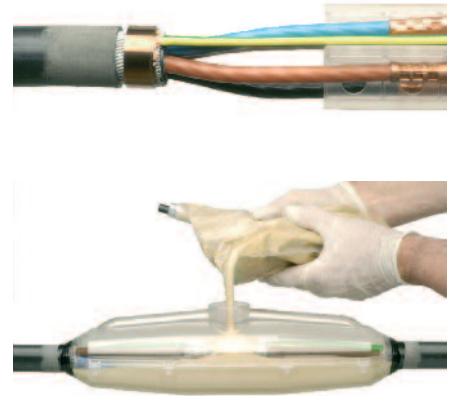
Joint kits for armoured cables include a length of insulated flexible copper conductor and steel roll springs to make simple but effective bonds on to wire, strip or tape armour. The bonding conductor is sized to match normal fuse protection.

Kit contents



Simple installation

Installation is straightforward. The joint shells are trimmed to suit the cable size; the cable ends are prepared according to the instruction pictures; conductor connectors are fitted (not supplied in standard kits); the core separator is placed between the connectors; armour continuity connections are made; the joint shell is snapped closed over the joint and the ends are sealed; the filler material is mixed and poured. The cable can be energised immediately after installation.



Proven performance

The PXE straight joint range with screw connectors has been fully type tested to European standard EN 50393. This standard includes the requirements of UK utility standard ER C81.

Straight joints for unarmoured cables (Connectors not included)

Kit reference	Cable conductor size - maximum (mm ²)		Cable entry diameter (mm)
	2 & 3 core	4 core	
UK/PXE-SU1	10	6	6-19
UK/PXE-SU2	25	10	6-27
UK/PXE-SU3	35	16	14-34
UK/PXE-SU4	50	25	16-37
UK/PXE-SU5	70	50	20-44
UK/PXE-SU6	120	95	26-52
UK/PXE-SU7	185	150	35-67

Straight joints for armoured cables (Connectors not included)

Kit reference	Cable conductor size (mm ²)		Cable entry diameter (mm)
	2 & 3 core	4 core	
UK/PXE-SW1	1.5-6	1.5-2.5	6-19
UK/PXE-SW2	1.5-10	1.5-6	6-27
UK/PXE-SW3	6-25	4-10	14-34
UK/PXE-SW4	25-35	10-16	16-37
UK/PXE-SW5	25-70	16-35	20-44
UK/PXE-SW6	95-150	35-70	26-52
UK/PXE-SW7	185	95-120	35-67

For further information on PXE joints and other TE Connectivity cable accessories products contact your local sales representative or product stockist.

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TE Energy - innovative and economical solutions for the electrical power industry: cable accessories, connectors & fittings, insulators & insulation, surge arresters, switching equipment, lighting controls, power measurement and control.

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