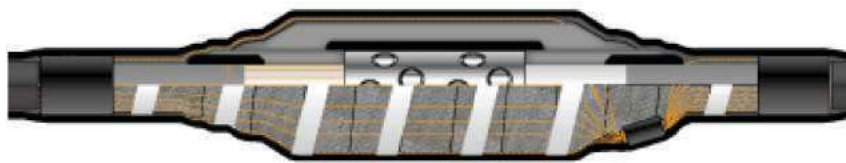


Pre-moulded three-piece joint with heat-shrink outer protection



Design

- The different versions of the pre-moulded three-piece joint are designed for 145 up to 300 kV.
- The complete KSM joint consists of a pre-moulded silicone main joint body, two silicone adapters with an integrated stress control system and a screw- or compression-type connector.
- The outer sheath is covered with a heat-shrink tube.
- The joint is designed to connect two different cable dimensions.

Application

Pre-moulded three-piece joint with heat-shrink outer protection for XLPE- and EPR-insulated cables with Al or Cu conductor.

Standards

- IEC 60840
- IEC 62067

Key characteristics

KSM

- Straight-through joint

KSM-E

- Straight-through joint with single-core cable for direct earthing

KSM-S

- Screen separation joint with coaxial cable

KSM-SE

- Screen separation joint with single-core cables

Note

Optional kits:

- Optical fibre kit

Tools:

- Push-on tools

Technical details

Voltage	Type/ Designation	Max. cross section	Prepared cable insulation diameter	Max. overshooth diameter	Max. dimensions- (length, diameter)	Weight (approx.)
kV		mm ²	mm	mm	mm	kg
145	KSM 145	2500	34.5 – 108.0	118	2200 x 240	70 – 110
170	KSM 170	2500	50.0 – 108.0	118	2200 x 240	85 – 110
245	KSM 245	2500	50.0 – 108.0	118	2300 x 280	85 – 125
300	KSM 300	2500	56.0 – 108.0	118	2200 x 280	120