

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

Design

- The different versions of the pre-moulded one-piece joint are designed for 72.5 up to 245 kV.
- The complete KSME joint consists of a pre-moulded silicone joint body with an integrated stress control system and screw- or compression-type connector.
- The outer sheath is covered with a heat-shrink tube.



Application

Pre-moulded one-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

KSME

- Straight-through joint

KSME-E

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

KSME-S

- Screen separation joint with coaxial cable

KSME-SE

- Screen separation joint with single-core cables

Note

Optional kits:

- Optical fibre kit

Tools:

- Push-on tools
- Fix points for push-on tools
- Belt strap tool

Technical details

Voltage	Type/ Designation	Max. cross section	Prepared cable insulation diameter	Max. oversheath diameter	Max. dimensions (length, diameter)	Weight (approx.)
kV		mm ²	mm	mm	mm	kg
72.5	KSME 72	1000	40.0 – 78.0	No limitation	1600 x 120	20
145	KSME 145	2500	41.6 – 120.0	No limitation	2350 x 240	35 – 70
170	KSME 170	2500	56.0 – 120.0	No limitation	2300 x 240	60 – 70
245	KSME 245	2500	56.0 – 120.0	No limitation	2300 x 240	60 – 70