

3M™ Cold Shrink QTEN Termination Kits: Engineered for fast, economical installation.

3M™ Cold Shrink QTEN Termination Kits are designed for termination of 72.5 kV voltage class single-core and polymeric insulated power cables according to IEC 60840. Customised Kits can be created to meet your specific requirements to include mounting, connecting and earthing hardware.

These terminations require no special tools or torch.

3M™ Cold Shrink QTEN Terminations for 72.5 kV meet the requirements of Institute of Electrical and Electronics Engineers (IEEE) Std. 48-2009, table 1A and International Electrotechnical Commission (IEC) 60840.

The 3M QTEN design offers a unique High-K adapter that reduces surface stress, allowing for a more compact termination. Cross sections up to 1600 mm² are covered.

3M™ Cold Shrink QTEN Termination Kit Portfolio

Kit Contents

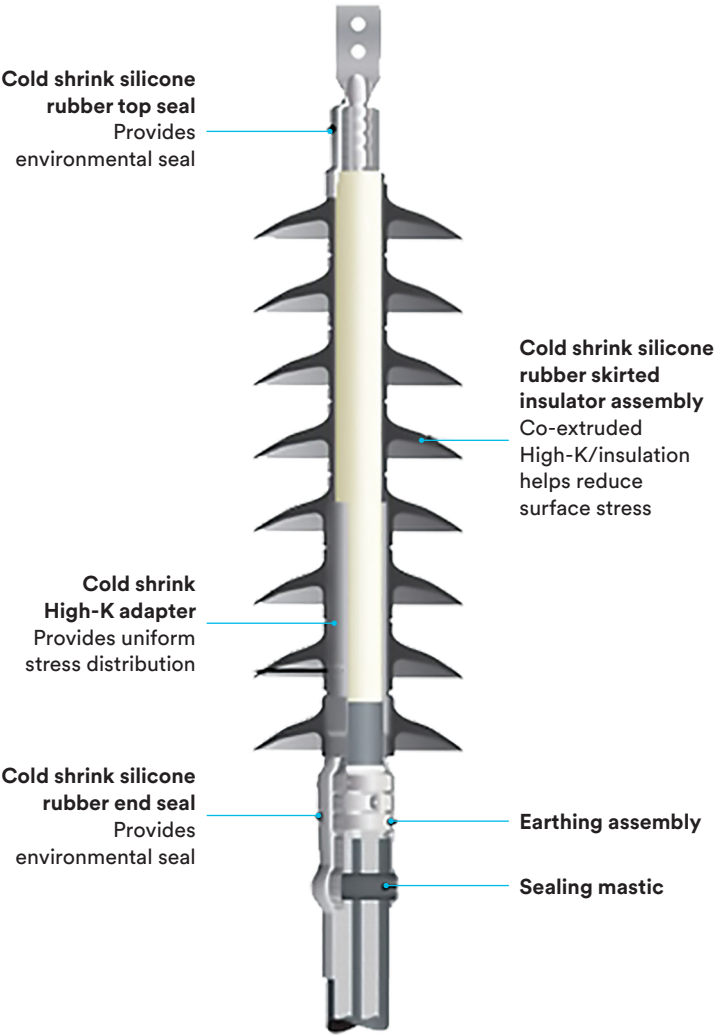
The 3M QTEN Termination Kit includes a cold shrink body with integrated silicone elastomeric insulation and outer silicone rain sheds, with a separate cold shrink High-K adapter for refractive stress control. Also included are silicone cold shrink end seals for bottom and top lug sealing. The inner refractive stress control layer and the silicone insulation layer are co-extruded during the manufacturing process. The termination is designed to accommodate many available cable lug designs, including hexagonal or deep indent crimping technologies and a wide variety of mechanical shear-off connecting technologies.

Minimum Order Quantity = 1

Kit reference	Cross section (mm²)	Diameter over cable jacket (mm)	Diameter over primary insulation (mm)	Lug-max diameter (mm)	Lug included	Shielding type
QTEN 96-EP 720-2	120–1000	90	33.0–60.0	90	No	Copper Wire Screen
QTEN 96-EP 721-2	300-360 (800 solid)	90	33.0–60.0	70	Yes	Copper Wire Screen
QTEN 96-EP 722-2	120–1000	90	33.0–60.0	90	No	Lead Sheath
QTEN 96-EP 725-2*	120–1000	90	33.0–60.0	90	No	Copper Wire Screen
QTEN 96-EP 730-2	630–1600	110	51.1–87.0	110	No	Copper Wire Screen
QTEN 96-EP 732-2	630–1600	110	51.1–87.0	110	No	Lead Sheath

*This termination body contains 10 skirts for extended creepage distance.

3M™ Cold Shrink QTEN assembly



Product Features

- Versatile design of the silicone cold shrink termination body allows installation on a wide range of cable sizes and types, and a fast and easy installation at temperatures ranging from -20°C to +50°C (-4°F to +122°F)
- No heat, flame or special tools are needed during termination body installation
- Accommodates crimp or mechanical lugs up to 90 mm in diameter
- Wide application range covering several cable cross sectional areas from 120 mm²–1600 mm²
- Solderless earth connection by means of connection to copper screen wires or lead sheath
- Thick walled, silicone rubber cold shrink outer rain sheds and end seals provide physical protection and moisture sealing of the completed termination assembly

Learn more

