

Dry prefabricated outdoor termination



Design

- The different versions of TD the outdoor termination are designed for operating voltages from 123 up to 145 kV.
- The complete termination consists of a pre-assembled cable termination, top bolt and conductor connector in the top fitting and also cable clamp and earth clamp.
- The pre-assembled cable termination consists of a composite insulator with an integrated base part and stress cone. The support pipe and the cable clamp are made of glass-fibre-reinforced polyester that provides an insulated screen/sheath installation.
- The conductor bolt is available as a screw (clamp) type. All metal parts are made of corrosion-proof aluminium alloy or stainless steel.
- The insulators supplied fulfil IEC 60815 at standard pollution levels. The insulators have the standard flashover distance.
- The termination comes pre-assembled from the factory, which considerably reduces installation time after cable preparation. No filling with insulating fluid required at the site.

Application

Dry outdoor termination suitable for XLPE- and EPR-insulated cables with Al or Cu conductor.

Standards

- IEC 60840

Note

Optional kits:

- Optical fibre kit

Tools:

- Installation tool RKM 145
- Installation cone

Technical details

Voltage	Type/ Designation	Max. cross section	Prepared cable insulation diameter	Max. overshooth diameter	Creepage distance	Length (approx.)	Weight (approx.)
kV		mm ²	mm	mm	mm	mm	kg
123	TD 123	2500	50.0 – 102.0	150	3940	1810	90
145	TD 145	2500	50.0 – 102.0	150	4650	1955	102