

Dry plug-in outdoor termination



Design

- The different versions of the KFEV outdoor termination are designed for operating voltage for 123 up to 300 kV.
- The KFEV is a plugable termination and consisting of: A pre-assembled epoxy resin insulator with embedded electrode and composite insulator with silicone sheds and upper metal work, metal base plate with supporting insulators, and plug-in cable connection part which is fitted to the cable, comprising metal cable gland with spring-loaded device and a pre-moulded silicone stress cone for electrical field control and screw-type or compression-type conductor connector.
- The cable gland is sealed to avoid penetration by water.
- 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.

Application

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

Standards

- IEC 60840
- IEC 62067

Note

Optional kits:

- Optical fibre kit
- PD-measuring kit

Tools:

- Push-on 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	KFEV 123	2500	47.0 – 100.0	138	4495	1754	150
145	KFEV 145	1200	35.5 – 76.0	96	4495	1750	130
300	KFEV 245/300	2000	47.0 – 100.0	138	8755	2861	384