

Switchgear and Transformer Termination

KSEV/KTEV DRY TYPE PLUG-IN TERMINATION UP TO 145 kV

All versions of dry-type termination are designed for installation in SF6 gas insulated switchgear (GIS) or for installation in the oil filled cable box of the transformer. The complete termination consists of epoxy resin insulator with embedded electrode, fixing ring which is fitted to the cable, comprising metal cable gland, compression device and premolded plug-in stress cone for electrical field control.

- Plug-in part comprising of four components (stress cone made of silicone rubber, cable gland, connection bolt, spring loaded compression device)
- Insulator according with IEC 60859 for GIS and transformer termination
- Conductor connection bolt designed as mechanical screw type connector
- Combination with different adapter and additional electrodes are available to fulfill the requirements of IEC 60859 Part 1 and 2 and older switchgear housings.
- Type test certificate in accordance with IEC 60840 available
- Dead-end plug available



Operation voltage Um (kV)	69	138
Type		
Switchgear	KSEV 72	KSEV 145
Transformer	KTEV 72	KTEV 145
Conductor Cu/Al max. (kcmil)	... 2000	... 2500
Diameter over dielectric min. - max. (in)	1.5 - 2.9	1.5 - 2.9
Diameter over sheath max. (in)	... 3.9	... 3.9
Screw / Press Connection	S	S
S/P		
L1 (in)	12.2 ±0.02	18.5 ±0.02
L2 (in)	23 ±0.02	29.8 ±0.02
D1 (in)	10.6 ±0.02	12.6 ±0.02
D2 (in)	11.8	13.8

