

Switchgear and Transformer Termination

SEV/TEV EPOXY INSULATOR TERMINATION

The termination is designed for direct installation in SF₆ gas insulated switchgear (GIS) or in the oil filled cables box of the transformer. Major components of the termination are the pressure tight epoxy resin insulator with embedded electrode, metal fixing ring, metal cable gland and prefabricated stress cone for electrical field control.

- Integrated prefabricated stress control system with silicon rubber
- Pressure tight epoxy resin insulator is cast in one piece with integrated insulation ring at the bottom allowing to separate the cable screen from earth.
- Cable gland made of corrosion resistant aluminum alloy
- Possible installation position vertical up to 45° then up to 90° with oil expansion vessel required
- Type test according to IEC 60840 is available



Operation voltage Um (kV)	69	138
Type	SEV 72	SEV 145
Switchgear	SEV 72	SEV 145
Transformer	TEV 72	TEV 145
Conductor Cu/Al max. (kcmil)	... 2500	... 2500
Diameter over dielectric min. - max. (in)	1.3 - 2.0	41,6 - 84,0
Diameter over sheath max. (in)	... 3.3	... 4.1
Screw / Press Connection S/P	S / P	S / P
Creepage distance (in)	19.7	25.6
L1 (in)	23 ± 0.4	29.8 ± 0.4
L2 (in)	~ 24.8	~ 24.8

