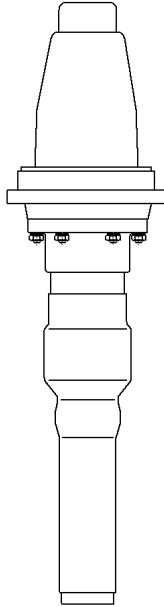


Basic Description

Switchgear termination dry type for cables with XLPE insulation;
Pressure-tight epoxy resin housing for operation in SF6



Electrical data

Relevant standard		IEC 60840 IEC 62271-209 IEC 62271-203
Rated voltage $U_o/U (U_m)$	kV	36 / 66 (72)
Rated frequency	Hz	50 / 60
Lightning impulse voltage 1,2/50 μ s	kV	325
AC voltage withstand test 15min	kV	90
Rated current	kA	as per cable
Rated short-circuit current (conductor)	kA	as per cable
Rated short-circuit current (sheath) 1s	kA	50
Creepage distance	mm	264

Mechanical data

Construction length (with IEC adapter)	mm	310 (583)
Operating pressure SF6	MPa	0,35 – 0,85
Earth connection		6 x M12

Design data

Diameter over prepared insulation [mm]	34 – 78
Diameter over sheath [mm]	Up to 120
Cable screen types	Cu-wires w/o laminated foil, lead sheath, corrugated metal sheath, Cu-tape (other types and combinations on request)
Cross section (Cu / Al) [mm ²]	Approx. 2000
Conductor connection	Mechanical (shear off bolts)
Material of housing	Epoxy resin
Material of connection bolt	Aluminium alloy
Method of stress control	Geometric
Type of Stress cone	Pre-fabricated silicone rubber
Max. permissible dielectric stress	4 kV/mm (at insulation screen of cable)
Corona Shield	Not required for GIS
Installation temperature [°C]	0 to +40
Operation temperature [°C]	As per equipment
Storage temperature [°C]	0 to +40

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