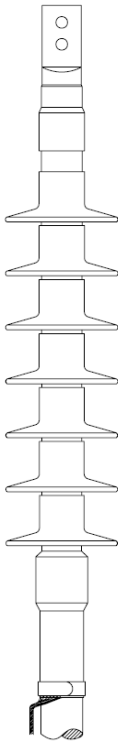


Basic Description

Heat shrink outdoor termination for cables with XLPE insulation, with mechanical or compression cable lug



Electrical data

		IEC 60840 / IEEE 48
Relevant standard		IEC 60840 / IEEE 48
Rated voltage $U_o/U (U_m)$	kV	36/66 (72,5)
Rated frequency	Hz	50/60
Lightning impulse voltage 1,2/50 μ s	kV	350
Power frequency voltage withstand dry (1 min)	kV	175
Power frequency voltage withstand wet (10 s)	kV	145
DC voltage withstand (15 min)	kV	245
Rated current	kA	as per cable
Rated short-circuit current (conductor)	kA	as per cable
Rated short-circuit current (sheath) 1s	kA	40
Total creepage distance	mm	up to 2300
Protected creepage distance (90° shadow)	mm	420
Flash-over distance	mm	1260

Mechanical data

Length	mm	1200
Outer diameter of sheds	mm	up to 220
Min. bending radius	mm	10 x cable diameter
Distance between sheds	mm	80
Diameter of mechanical connection bolt	mm	30/40/50
Length of connection bolt	mm	100
Lug with connection pad		1-hole/2-holes/4-holes

Design data

Diameter over insulation	30 – 86 mm (5 kit sizes)
Diameter over sheath	up to 110 mm
Cable screen types	Cu-wires w/o laminated foil, lead sheath, corrugated metal sheath, Cu-tape (other types and combinations on request)
Max. Cross section (Cu / Al)	Approx. 1200 / 1200 mm ²
Conductor connection	Mechanical (shear head bolts) or compression connector
Material of cable lug	Mechanical: aluminium / compression: same as conductor
Material of insulator – outer surface	EVA (Ethylenvinylacetat)
Box Size (L x W x H)	1600 x 245 x 205 mm
Weight approx.	7 kg (without cable lug)
Colour of outer insulating tube	red
Method of stress control	impedance
Number of stress control tubes	2
Number of insulating tubes	2
Number of sheds	7
Clearance between terminations	as per IEC 60071-1

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