

Basic Description

Heat shrink joint for cables with XLPE insulation,
Shield break version

Electrical data

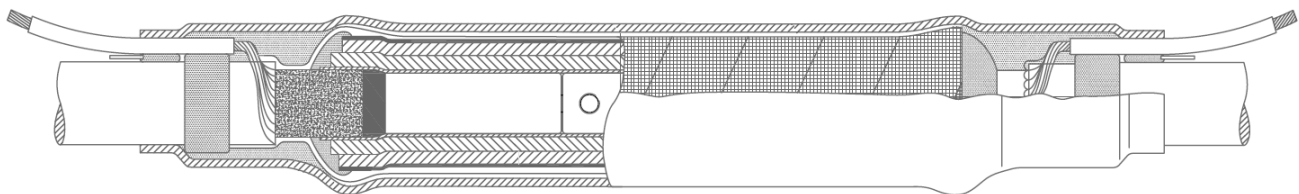
Relevant standard	IEC 60840 / IEEE 404	
Rated voltage U_o/U (U_m)	kV	36/66 (72.5)
Rated frequency	Hz	50/60
Lightning impulse voltage 1,2/50 μ s	kV	350
AC voltage withstand test (15 min)	kV	120
DC voltage withstand (15 min)	kV	245
Power frequency voltage withstand dry (1 min)	kV	175
Rated current	kA	as per cable
Rated short-circuit current (conductor)	kA	as per cable
Rated short-circuit current (sheath) 1s	kA	10
DC voltage test between metallic sheaths/screens	kV	20
DC voltage test between metallic sheath/screen and earthed exterior	kV	20
Lightning impulse voltage 1,2/50 μ s between metallic sheath/screen	kV	60
Lightning impulse voltage 1,2/50 μ s between metallic sheath/screen and earthed exterior	kV	30

Mechanical data

Total length of joint (approx.)	mm	1350
Outer diameter of joint (approx.)	mm	up to 135

Design data

Diameter over insulation	30 – 86 mm (5 kit sizes)
Diameter over sheath	up to 100 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)
Material of connector	aluminium
Colour of outer protection	black
Material of outer protection	WCSM (Polyolefin)
Number of heat shrink tubes	4
Method of stress control	impedance
Box Size (L x W x H)	1620 x 260 x 240 mm
Weight joint kit (including connector) approx.	10.5 kg
Space required for assembly	2500 mm



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