NKT-HST

3 Core Heat Shrink Trifurcation Kit



Design

NKT-HST is a 3 core heat shrink trifurcation kit for the sealing and protection of 3 core XLPE insulated cables and for trifurcating the 3 core cable into 3 x 1 cores.

Part No NKT-HST-1

Designation 1500mm Tails
6.6kV 35-120mm2
11kV 35-120mm2
22kV 35-120mm2

Part No NKT-HST-1-2500

Designation 2500mm Tails
6.6kV 35-120mm2
11kV 35-120mm2
22kV 35-120mm2

Part No NKT-HST-2

Designation 1500mm Tails
6.6kV 150-185mm2
11kV 150-185mm2
22kV 150-185mm2
33kV 50-185mm2

Part No NKT-HST-2-2500

Designation 2500mm Tails
6.6kV 150-185mm2
11kV 150-185mm2
22kV 150-185mm2
33kV 50-185mm2

Part No NKT-HST-3

Designation 1500mm Tails
6.6kV 240-500mm2
11kV 240-500mm2
22kV 240-500mm2
33kV 240-500mm2

Part No NKT-HST-3-2500

Designation 2500mm Tails
6.6kV 240-500mm2
11kV 240-500mm2
22kV 240-500mm2
33kV 240-500mm2

Technical Performance

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	12MPa min.
Ultimate elongation	ASTM D 2671	350% min.
Tensile strength after Aging at 150℃ for 168hrs	ASTM D 2671	12MPa min.
Ultimate elongation after Aging at 150℃ for 168hrs	ASTM D 2671	300% min.
Density	ASTM D 792	1.0~1.1g/cm^3
Dielectric strength	ASTM D 60243	12kV/mm(2mm) min.
Volume resistivity	ASTM D 2671	$10^{12}\Omega$.cm min.
Low temperature flexibility -40℃/4hrs	ASTM D 2671	No cracking of outer jacket
Properties of hot melt adhesive		
Softening point	ASTM E28	85+/-5℃
Peel strength(PE)	ASTM D 2671	4N/cm min.
Water absorption	ISO 62	0.2% max.