



HKSJ Heat Shrink Joint

For XLPE or EPR insulated, 1 or 3 cores cables up to 36kV



Shelf life & storage:

HKSJ Heat Shrink Joint has long shelf life when stored in a humidity controlled storage(-10°C to 40°C and < 75% relative humidity).

Features:

- High mechanical strength
- Wide cross section range suitable for all types of connectors
- Compact dimensions
- Weathering stability
- Allows immediate reenergizing
- Passed type test according to CENELEC HD 629.1 S2 & IEC 60502 in KEMA

Key technical performances:

Standard	IEC 60502			
	6/10(12)kV	8.7/15(17.5)kV	12/20(24)kV	18/30(36)kV
Partial discharge test at ambient temperature	10kV, <10pC	15kV, <10pC	20kV, <10pC	30kV, <10pC
AC withstand voltage test	27kV 5min	39kV 5min	54kV 5min	81kV 5min
Impulse voltage withstand	±75kV each polarity 10 times	±95kV each polarity 10 times	±125kV each polarity 10 times	±170kV each polarity 10 times

Selection table:

6.35/11(12)kV

Joint	Cable Insulation OD(mm)	Cable Conductor Cross-section (mm ²)
1x1 core		
HKSJ-12/1×25-50	12.0mm-16.0mm	25mm ² --50mm ²
HKSJ-12/1×70-150	17.6mm-22.8mm	70mm ² --150mm ²
HKSJ-12/1×185-300	24.0mm-31.0mm	185mm ² --300mm ²
HKSJ-12/1×400-500	31.5mm-37.0mm	400mm ² --500mm ²
HKSJ-12/1×630	38.0mm-41.9mm	630mm ²
1X3 cores		
HKSJ-12/3×25-50	12.0mm-16.0mm	25mm ² --50mm ²
HKSJ-12/3×70-150	17.6mm-22.8mm	70mm ² --150mm ²
HKSJ-12/3×185-300	24.0mm-31.0mm	185mm ² --300mm ²
HKSJ-12/3×400-500	31.5mm-37.0mm	400mm ² --500mm ²

8.7/15(17.5)kV

Joint	Cable Insulation OD(mm)	Cable Conductor Cross-section (mm ²)
1x1 core		
HKSJ-17.5/1×25-50	16.0mm-19.5mm	25mm ² --50mm ²
HKSJ-17.5/1×70-150	20.3mm-23.5mm	70mm ² --150mm ²
HKSJ-17.5/1×185-300	24.0mm-31.0mm	185mm ² --300mm ²
HKSJ-17.5/1×400-500	31.5mm-37.0mm	400mm ² --500mm ²
HKSJ-17.5/1×630	38.0mm-41.9mm	630mm ²
1X3 cores		
HKSJ-17.5/3×25-50	16.0mm-19.5mm	25mm ² --50mm ²
HKSJ-17.5/3×70-150	20.3mm-23.5mm	70mm ² --150mm ²
HKSJ-17.5/3×185-300	24.0mm-31.0mm	185mm ² --300mm ²
HKSJ-17.5/3×400-500	31.5mm-37.0mm	400mm ² --500mm ²

12/20(24)kV

Joint	Cable Insulation OD(mm)	Cable Conductor Cross-section (mm ²)
1x1 core		
HKSJ-24/1×25-50	17.5mm-20.3mm	25mm ² --50mm ²
HKSJ-24/1×70-150	21.5mm-26.5mm	70mm ² --150mm ²
HKSJ-24/1×185-300	27.5mm-33.0mm	185mm ² --300mm ²
HKSJ-24/1×400-500	34.2mm-39.5mm	400mm ² --500mm ²
HKSJ-24/1×630	40.5mm-43.0mm	630mm ²
1X3 cores		
HKSJ-24/3×25-50	17.5mm-20.3mm	25mm ² --50mm ²
HKSJ-24/3×70-150	21.5mm-26.5mm	70mm ² --150mm ²
HKSJ-24/3×185-300	27.5mm-32.8mm	185mm ² --300mm ²
HKSJ-24/3×400-500	33.5mm-39.5mm	400mm ² --500mm ²

18/30(36)kV

Joint	Cable Insulation OD(mm)	Cable Conductor Cross-section (mm ²)
1x1 core		
HKSJ-36/1×50-95	25.0mm-29.5mm	50mm ² --95mm ²
HKSJ-36/1×120-240	30.5mm-36.5mm	120mm ² --240mm ²
HKSJ-36/1×300-400	38.0mm-42.5mm	300mm ² --400mm ²
HKSJ-36/1×500-630	43.5mm-48.5mm	500mm ² --630mm ²
1X3 cores		
HKSJ-36/3×50-95	25.0mm-29.5mm	50mm ² --95mm ²
HKSJ-36/3×120-240	30.5mm-36.5mm	120mm ² --240mm ²
HKSJ-36/3×300-400	38.0mm-42.5mm	300mm ² --400mm ²

*NOTE: 1. Cable insulation outer diameter is one of the prerequisite for cable accessories selection.
2. Above product selection is according to the IEC standard cable.

HKIT/HKOT
Heat Shrink
Termination

HKSJ
Heat Shrink
Joint

HAT/HATA
Medium
Voltage Tubing

HAS/HMB/HMR
Moulded Parts

HLVT/HLVJ
Heat Shrink
Termination & Joint

HRSL
Heat Shrink
Cable Repair Sleeve

HCSIT/HCSOT
Cold Shrink
Termination

HCSSJ
Cold Shrink Joint

HPMC/HPMRC
Cable Connector

HCSTT
Cold Shrink
Trifurcation Kit

HCST
Cold Shrink
Insulated Tubing

HCMB
Cold Shrink 3
Cores Cable
Breakout

HCRK-S
Cast Resin
Straight
Through Joints

HCRK-B
Cast Resin
Branch Joints