



# HKIT/HKOT Heat Shrink Indoor/Outdoor Termination

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

### Shelf life & storage:

HKIT/HKOT Heat Shrink Indoor/Outdoor Termination 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
- Increased UV and 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
Voltage classes	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:

#### 6/10(12)kV

Indoor Termination	Outdoor Termination	Cable Insulation OD(mm)	Cable Conductor Cross-section(mm <sup>2</sup> )
<b>1x1 core</b>			
HKIT-12/1×25-50	HKOT-12/1×25-50	12.0mm-16.0mm	25mm <sup>2</sup> --50mm <sup>2</sup>
HKIT-12/1×70-150	HKOT-12/1×70-150	17.6mm-22.8mm	70mm <sup>2</sup> --150mm <sup>2</sup>
HKIT-12/1×185-300	HKOT-12/1×185-300	24.0mm-31.0mm	185mm <sup>2</sup> --300mm <sup>2</sup>
HKIT-12/1×400-500	HKOT-12/1×400-500	31.5mm-37.0mm	400mm <sup>2</sup> --500mm <sup>2</sup>
HKIT-12/1×630	HKOT-12/1×630	38.0mm-41.9mm	630mm <sup>2</sup>
<b>1x3 cores</b>			
HKIT-12/3×25-50	HKOT-12/3×25-50	12.0mm-16.0mm	25mm <sup>2</sup> --50mm <sup>2</sup>
HKIT-12/3×70-150	HKOT-12/3×70-150	17.6mm-22.8mm	70mm <sup>2</sup> --150mm <sup>2</sup>
HKIT-12/3×185-300	HKOT-12/3×185-300	24.0mm-31.0mm	185mm <sup>2</sup> --300mm <sup>2</sup>
HKIT-12/3×400-500	HKOT-12/3×400-500	31.5mm-37.0mm	400mm <sup>2</sup> --500mm <sup>2</sup>

#### 8.7/15(17.5)kV

Indoor Termination	Outdoor Termination	Cable Insulation OD(mm)	Cable Conductor Cross-section(mm <sup>2</sup> )
<b>1x1 core</b>			
HKIT-17.5/1×25-50	HKOT-17.5/1×25-50	16.0mm-19.5mm	25mm <sup>2</sup> --50mm <sup>2</sup>
HKIT-17.5/1×70-150	HKOT-17.5/1×70-150	20.3mm-23.5mm	70mm <sup>2</sup> --150mm <sup>2</sup>
HKIT-17.5/1×185-300	HKOT-17.5/1×185-300	24.0mm-31.0mm	185mm <sup>2</sup> --300mm <sup>2</sup>
HKIT-17.5/1×400-500	HKOT-17.5/1×400-500	31.5mm-37.0mm	400mm <sup>2</sup> --500mm <sup>2</sup>
HKIT-17.5/1×630	HKOT-17.5/1×630	38.0mm-41.9mm	630mm <sup>2</sup>
<b>1x3 cores</b>			
HKIT-17.5/3×25-50	HKOT-17.5/3×25-50	16.0mm-19.5mm	25mm <sup>2</sup> --50mm <sup>2</sup>
HKIT-17.5/3×70-150	HKOT-17.5/3×70-150	20.3mm-23.5mm	70mm <sup>2</sup> --150mm <sup>2</sup>
HKIT-17.5/3×185-300	HKOT-17.5/3×185-300	24.0mm-31.0mm	185mm <sup>2</sup> --300mm <sup>2</sup>
HKIT-17.5/3×400-500	HKOT-17.5/3×400-500	31.5mm-37.0mm	400mm <sup>2</sup> --500mm <sup>2</sup>

#### 12/20(24)kV

Indoor Termination	Outdoor Termination	Cable Insulation OD(mm)	Cable Conductor Cross-section(mm <sup>2</sup> )
<b>1x1 core</b>			
HKIT-24/1×25-50	HKOT-24/1×25-50	17.5mm-20.3mm	25mm <sup>2</sup> --50mm <sup>2</sup>
HKIT-24/1×70-150	HKOT-24/1×70-150	21.5mm-26.5mm	70mm <sup>2</sup> --150mm <sup>2</sup>
HKIT-24/1×185-300	HKOT-24/1×185-300	27.5mm-33.0mm	185mm <sup>2</sup> --300mm <sup>2</sup>
HKIT-24/1×400-500	HKOT-24/1×400-500	34.2mm-39.5mm	400mm <sup>2</sup> --500mm <sup>2</sup>
HKIT-24/1×630	HKOT-24/1×630	40.5mm-43.0mm	630mm <sup>2</sup>
<b>1x3 cores</b>			
HKIT-24/3×25-50	HKOT-24/3×25-50	17.5mm-20.3mm	25mm <sup>2</sup> --50mm <sup>2</sup>
HKIT-24/3×70-150	HKOT-24/3×70-150	21.5mm-26.5mm	70mm <sup>2</sup> --150mm <sup>2</sup>
HKIT-24/3×185-300	HKOT-24/3×185-300	27.5mm-32.8mm	185mm <sup>2</sup> --300mm <sup>2</sup>
HKIT-24/3×400-500	HKOT-24/3×400-500	33.5mm-39.5mm	400mm <sup>2</sup> --500mm <sup>2</sup>

#### 18/30(36)kV

Indoor Termination	Outdoor Termination	Cable Insulation OD(mm)	Cable Conductor Cross-section(mm <sup>2</sup> )
<b>1x1 core</b>			
HKIT-36/1×50-95	HKOT-36/1×50-95	25.0mm-29.5mm	50mm <sup>2</sup> --95mm <sup>2</sup>
HKIT-36/1×120-240	HKOT-36/1×120-240	30.5mm-36.5mm	120mm <sup>2</sup> --240mm <sup>2</sup>
HKIT-36/1×300-400	HKOT-36/1×300-400	38.0mm-42.5mm	300mm <sup>2</sup> --400mm <sup>2</sup>
HKIT-36/1×500-630	HKOT-36/1×500-630	43.5mm-48.5mm	500mm <sup>2</sup> --630mm <sup>2</sup>
<b>1x3 cores</b>			
HKIT-36/3×50-95	HKOT-36/3×50-95	25.0mm-29.5mm	50mm <sup>2</sup> --95mm <sup>2</sup>
HKIT-36/3×120-240	HKOT-36/3×120-240	30.5mm-36.5mm	120mm <sup>2</sup> --240mm <sup>2</sup>
HKIT-36/3×300-400	HKOT-36/3×300-400	38.0mm-42.5mm	300mm <sup>2</sup> --400mm <sup>2</sup>

\*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 Joint

HCRK-B  
Cast Resin  
Branch Joint