

1 kV Heat Shrinkable Cable Termination Kit

This 1 kV heat shrinkable cable termination kit is designed for polymeric cables. It provides reliable insulation and sealing for cable terminations across various cable sizes and constructions.



Product Overview

1kV Heat Shrinkable Termination Kit

These heat shrinkable termination accessories are designed for 0.6/1.0(1.2) kV polymeric cables, including PVC, XLPE, and PE insulated types. The kits are engineered to provide superior electrical and mechanical performance, ensuring reliable insulation and sealing for cable terminations. With a focus on durability, these accessories offer excellent resistance to corrosion, UV radiation, and weathering, making them suitable for demanding environmental conditions.

Key Features

Product Highlights

Compact dimensions, Halogen-free, UV resistant, Weather resistant, Corrosion resistant, High insulation performance

Technical Specifications

Compatible Cable Insulation

- PVC
- XLPE
- PE

Voltage Rating

0.6/1.0 (1.2) kV

Performance Data


Test	Requirements
AC voltage withstand (in air)	4kV, 1min. No failure.
Insulation resistance (in air)	≥50MΩ
Heating cycle (in air)	Heat the conductor to 75°C-95°C, 63 times in air. No failure.
Heating cycle (Crutch immersed)	Heat the conductor to 75°C-95°C, 63 times in water. No failure.
AC voltage withstand (Crutch immersed)	4kV, 1min. No failure.
Insulation resistance (Crutch immersed)	≥50MΩ

Summary of electrical test requirements including AC voltage withstand and heating cycles.

Electrical Test Requirements

Test Type	Requirement
AC Voltage Withstand (Air)	4kV, 1 min, No failure
Insulation Resistance (Air)	e5MΩ
Heating Cycle (Air)	75°C-95°C, 63 cycles, No failure
AC Voltage Withstand (Crutch)	4kV, 1 min, No failure
Insulation Resistance (Crutch)	e5MΩ
Heating Cycle (Crutch)	75°C-95°C, 63 cycles, No failure

Model Selection

Cores	*Cross-section (mm ²)	Type Unarmoured	Type Armoured
	10-35	MDD-4-01-A	MDDK-4-01-A
	50-95	MDD-4-01-B	MDDK-4-01-B
	120-185	MDD-4-01-C	MDDK-4-01-C
	240-300	MDD-4-01-D	MDDK-4-01-D

Model selection guide for 4-core cable termination kits based on cross-sectional area.

Available Models (4-Core)

Cross-section (mm ²)	Unarmoured Type	Armoured Type
10-35	MDD-4-01-A	MDDK-4-01-A
50-95	MDD-4-01-B	MDDK-4-01-B
120-185	MDD-4-01-C	MDDK-4-01-C
240-300	MDD-4-01-D	MDDK-4-01-D