SINGLE-CORE HEAT-SHRINKABLE JUNCTION

DESCRIPTION

The medium-voltage (MV) single-core heat-shrinkable joint is a component designed to ensure electrical continuity and reliable insulation between two sections of medium-voltage electrical cables.

This product is ideal for industrial applications, distribution networks, and underground installations.

SPECIFICATION

- Nominal Voltage: 6 to 36 kV.
- Cable Sections Range: 25 mm² to 400 mm².
- Main Material: Heat-shrinkable polyolefin, providing exceptional resistance to heat, humidity, and chemical agents.
- Shrink Ratio: Up to 4:1, ensuring a perfect fit and reliable insulation.
- Installation Temperature: From -10°C to +50°C, allowing installation under various climatic conditions.
- Operating Temperature: From -40°C to +90°C, with peaks tolerating up to +130°C.
- Voltage Resistance: Complies with international standards IEC 60502-4, ensuring optimal electrical performance.
- Hydrophobic Properties: Excellent resistance to moisture, UV, and external aggressions.

MATERIAL

- Heat-Shrinkable Polyolefin: Main material offering excellent resistance to heat, humidity, and chemical agents.
- Self-vulcanizing Tape: For insulation and protection.
- Copper Braid: For shielding and grounding.

APPLICATIONS

- Connection of medium-voltage cables (6 kV to 36 kV).
- Suitable for indoor or outdoor use.
- Applicable for underground or overhead installations.
- Compatible with cables insulated in XLPE, EPR, or PVC.