COLD SHRINK TRIPOLAR JUNCTION

DESCRIPTION

The CEET cold shrink tripolar junctions are suitable for outdoor, underground, and even submerged applications. They use a cold shrink technology that does not require a heat source, simplifying installation and reducing handling risks.

Designed for low and medium voltage networks, they provide optimal protection against mechanical and electrical stresses, as well as high resistance to environmental conditions.

SPECIFICATION

- Quick installation.
- High reliability and safety.
- Installation without heat or tools required.
- Minimal joint size and hole dimensions.
- Reduced possibility of error.
- Maximum voltage: Up to 36 kV.
- Electrical properties: Dielectric strength > 20 kV/mm, volume resistivity > 10^{13} Ω·cm.

MATERIAL

- Pre-expanded silicone insulating sleeves.
- PVC insulating tapes: for insulation and protection.
- Metal connectors: made of copper or aluminum.

The materials ensure excellent electrical insulation, great flexibility, and resistance to corrosion and UV rays.

APPLICATION

- Connection of medium voltage cables (up to 36 kV).
- Suitable for indoor or outdoor use.
- Suitable for underground electrical networks, industrial installations, and urban infrastructures.
- Compatible with cables insulated in XLPE, EPR, or PVC, with sections ranging from 10 mm² to 400 mm².