

Bimetallic Lug for Aluminum Cable Connection

Bimetallic lugs are designed for connecting aluminum cable conductors and copper ends in electrical equipment. The barrels undergo chemical treatment to lower contact resistance and prevent corrosion, and they are friction welded to the palm for a strong joint.



Product Overview

Bimetallic Lug for Aluminum Cable Connection

These bimetallic lugs are designed for the secure connection of aluminum cable conductors to the copper terminals of electrical equipment. Engineered with high-quality materials, the barrels are friction welded to the palm to ensure a high-strength joint. Each unit is prefilled with jointing compound to enhance conductivity and is chemically treated to minimize contact resistance and prevent corrosion.

Technical Specifications

Material Composition

99.9 % Copper (CU) Purity	99.5 % Aluminum (AL) Purity
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Application Medium voltage

Standards IEC 61238-1

Features

Key Design Features

- Clear marking on barrel for correct crimping location
- Inspection window for conductor insertion verification
- Friction welded barrel-to-palm joint
- Prefilled with jointing compound

Available Models

TL-2-12 • TL-2-1