

Mechanical Transition Connector for Dissimilar Cables

These mechanical transition connectors are designed to connect conductors of different sizes. They are suitable for intermediate connections of copper, aluminum, and aluminum alloy cables in medium voltage applications.



ADDITIONAL IMAGES



Product Overview

Mechanical Transition Connector

This mechanical transition connector is specifically designed for the intermediate connection of copper, aluminum, and aluminum alloy cables in medium voltage systems. Featuring a versatile design that accommodates conductors of significantly different sizes, it ensures reliable electrical and mechanical performance without the need for specialized crimping tools. The connector is prefilled with jointing compound and utilizes torque-controlled shear head bolts for stable, damage-free installation.

Technical Specifications

Body Material	High strength aluminum alloy
Bolt Material	Aluminum alloy
Surface Finish	Tin plated
Compliance Standard	IEC 61238-1:2003

Key Features

Product Highlights

- Oil blocking structure
- Torque controlled shear head bolts
- Prefilled with jointing compound
- Threaded inner surface for superior performance
- No crimping tools required (uses socket spanner or wrench)

Application Data

Type	Conductor Size (mm ²)	Outer Diameter (mm)	Number of Bolts	Shear-off Torque (N.m)	Wrench Size	Pack (pcs)
GLLT70-240/25-95/3	70-240/25-95	35/25.5	3	36/17	19/13	20x4
GLLT70-240/35-150/3	70-240/35-150	35/29	3	36/31	19/17	20x4

Technical layout showing configuration options and installation parameters for GLLT series connectors.

Configuration Options

Type	Conductor Size (mm ²)	Outer Diameter (mm)	Shear Torque (N.m)	Wrench Size
GLLT70-240/25-95/3	70-240/25-95	35/25.5	36/17	19/13
GLLT70-240/35-150/3	70-240/35-150	35/29	36/31	19/17