

Mechanical Transition Connector for Dissimilar Cables

This mechanical transition connector is used for intermediate connection of copper cable, aluminum cable and aluminum alloy cable in medium voltage. The connector features different sizes on both sides, making it suitable for connections between two conductors which have a big size difference.



ADDITIONAL IMAGES



Product Overview

Mechanical Transition Connector

Designed for the intermediate connection of copper, aluminium, and aluminium alloy cables in medium voltage applications. This connector features an oil-blocking structure and a unique design with different sizes on either side, making it ideal for connecting conductors with significant size differences. Installation is simplified as it requires no crimping tools, only a standard socket spanner or wrench, with torque-controlled shear head bolts ensuring stable performance and preventing conductor damage.

Technical Specifications

Compliance

IEC 61238-1:2003

Installation Features

- No crimping tools required
- Uses socket spanner or wrench
- Torque controlled shear head bolts
- Prefilled with jointing compound
- Threaded inner surface for superior performance

Material Composition

High Strength Aluminum Alloy Body, Aluminum Alloy Bolts, Tin Plated Surface

Model Selection

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 overview of GLLT series mechanical transition connectors, including sizing and torque specifications.

Available Models and Specifications

Type	Conductor Size (mm ²)	Outer Diameter (mm)	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