Mechanical Branch Connector for Copper, Aluminum, and Alloy Cables

This mechanical branch connector is used for intermediate branch connection of copper cable, aluminum cable, and aluminum alloy cable in medium voltage. It requires only a socket spanner or a wrench, removing the need for crimping tools.

ADDITIONAL IMAGES

Overview

High-Performance Mechanical Branch Connector

This mechanical branch connector is engineered for reliable intermediate branch connections in medium voltage power systems. It is compatible with copper, aluminum, and aluminum alloy cables, offering a versatile solution for various electrical infrastructure needs. Designed for efficiency, the connector features torque-controlled shear head bolts that eliminate the need for specialized crimping tools, ensuring a stable and damage-free installation.

Technical Specifications

Key Installation Features

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

Compliance Standard

IEC 61238-1:2003

Material and Construction	High strength aluminum alloy body, Aluminum alloy bolts, Tin plated surface

Performance Data

Type	Conductor Size (mm^2)	Shear-off Torque (N.m)	Number of Bolts	Wrench Size	Pack (pcs)
*GLLB70-240/70-240-2/6	70-240	36	6	19	–

Dimensional and technical specifications for the GLLB70-240 series connector.

Model GLLB70-240/70-240-2/6 Specifications

Parameter	Value
Conductor Size (mm^2)	70-240
Shear-off Torque (N.m)	36
Number of Bolts	6
Wrench Size	19

Application

Recommended Use	Intermediate branch connection of copper, aluminum, and aluminum alloy cables in medium voltage systems.