

Bimetallic Pin Lug Connector

These bimetallic pin lug connectors are used for transition connections between aluminum cables and the copper ends of miniature circuit breakers in low-voltage systems. They feature a friction-welded design and are pre-filled with jointing compound.



ADDITIONAL IMAGES



Product Overview

Bimetallic Pin Lug Connector

These bimetallic pin lugs are designed for the transition connection of aluminium or aluminium alloy cables to the copper ends of mini circuit breakers in low-voltage systems. Engineered with a friction-welded structure, they ensure a reliable electrical and mechanical bond between the copper pin and the aluminium body. Each unit is pre-filled with jointing compound and features an oil-blocking design for enhanced safety and performance in power transmission applications.

Technical Specifications

Key Features

- Oil blocking structure
- Friction welded construction
- Prefilled with jointing compound
- Cylinder copper pin design
- Clear barrel markings for crimping

Compliance Standard

IEC61238-1:2003

Material Purity

Aluminium e 99.5%, Copper e 99.9%

Dimensional Data

Type	Conductor Size (mm ²)	Dimensions				Pack(pcs)	Crimping Die
		L(mm)	d(mm)	D(mm)	D1(mm)		
GTLZ-10	10	54	4.5	12.5	5	280x4	MLA10~35
GTLZ-16	16	54	5.5	12.5	6	140x8	MLA10~35
GTLZ-25	25	54	7.0	12.5	6	140x8	MLA10~35
GTLZ-35	35	56	8.0	12.5	7	120x8	MLA10~35
GTLZ-50	50	62	9.0	15	8	90x8	MLA50
GTLZ-70	70	67	11.0	17.5	10	50x8	MLA70
GTLZ-95	95	73	12.5	21	12	35x8	MLA95~120
GTLZ-120	120	78	13.7	21	12	55x4	MLA95~120

Dimensional specifications and crimping die compatibility chart.

Dimensions and Crimping Guide

Type	Conductor (mm ²)	L (mm)	d (mm)	D (mm)	D1 (mm)	Crimping Die
GTLZ-10	10	54	4.5	12.5	5	MLA10~35
GTLZ-16	16	54	5.5	12.5	6	MLA10~35
GTLZ-25	25	54	7	12.5	6	MLA10~35
GTLZ-35	35	56	8	12.5	7	MLA10~35
GTLZ-50	50	62	9	15	8	MLA50
GTLZ-70	70	67	11	17.5	10	MLA70
GTLZ-95	95	73	12.5	21	12	MLA95~120
GTLZ-120	120	78	13.7	21	12	MLA95~120