

# 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 an oil-blocking structure and are prefilled with jointing compound.



## ADDITIONAL IMAGES



## Product Overview

### Bimetallic Pin Lug Connector

These bimetallic pin lugs are engineered for the transition connection of aluminium or aluminium alloy cables to copper terminals in low voltage mini circuit breakers. Featuring a robust friction-welded construction, they effectively prevent galvanic corrosion between dissimilar metals. Each unit is prefilled with jointing compound to ensure optimal electrical conductivity and long-term reliability.

## Technical Specifications

Material Purity	Al e 99.5%, Cu e 99.9%
Compliance Standard	IEC61238-1:2003

## Features

### Key Features

- Oil blocking structure
- Friction welded
- Prefilled with jointing compound
- Cubic copper pin
- Clear crimping location markings

## Dimensional Data

### Size Specifications

Type	Conductor (mm <sup>2</sup> )	Length (mm)	Inner Dia (mm)	Outer Dia (mm)
GTLP-10	10	49	4.5	12.5
GTLP-16	16	49	5.5	12.5
GTLP-25	25	49	7	12.5
GTLP-35	35	49	8	12.5
GTLP-50	50	52	9	15
GTLP-70	70	56	11	17.5
GTLP-95	95	62	12.5	21
GTLP-120	120	62	13.7	21