AL LUG 150MM2 - STUD 16MM

Part Number: AL150-16

Features

- Stranded sector cables insert easily into barrel which can then be orientated in any direction
- Chemically treated to reduce contact resistance
- Crimp with standard hexagonal dies - from palm outwards
- We can punch any stud in palm of lug on request
- Forged aluminium lug with funnel entry design

Product Description

Aluminium Lug (Blank)

For stranded sector and circular stranded Aluminium conductor.

CABAC Aluminium Lugs are manufactured by a forging process from solid 99.6% pure electrical grade Aluminium rod. This eliminates any imperfections in the metal structure which are often found in cast Aluminium lugs. The long-term electrical reliability is improved, eliminating future hot joints. Featuring a unique 'funnel' entry, stranded sector cable can be easily inserted into the barrel, and most importantly the lug palm can be orientated in any direction.

The barrel is chemically treated to reduce contact resistance, and is filled with jointing

compound and capped. Before crimping, the conductors should be scratch brushed.

The lugs should be crimped with standard hexagonal dies, crimping from the palm outwards to force jointing compound into the conductors.

Standards and Compliance

AS/NZS4325 Part 1; IEC France; DIN/VDE Germany; JIS Japan; BS United Kingdom; UL/NEMA USA.

Technical Data

Conductive Material
Aluminium 99.6% pure
Tensile Strength 110 MPa
Ductile Rating 28%
Final Metal State Fully Annealed

Operating Temperature
-20 to +140 deg C

Electrical Properties
Resistivity 2.6 micro-ohm cm (max)
Conductivity 61.8% IACS (min)

Additional Information

Certificate of Standards Conformity

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Heat Cycle

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Tension

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Line Drawing

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