

# AL LUG 300MM<sup>2</sup> - STUD 12MM

Part Number: AL300-12



## 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

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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

Nominal Conductor (mm<sup>2</sup>): 300

Stud Size: 12

Palm Width (mm): 37

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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## Line Drawing

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## Brochures

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