



Application:

Aluminium bolted connectors for aluminium conductors or tubes in 63 to 220kV substations.

Description:

This range includes:

- Straight and tee connectors
- Busbar support
- Straight terminal palm connectors for substation apparatus: CT, VT, CB, disconnectors...
- Expansion connectors with aluminium shunts.

Products are cast in first melting ingot of aluminium alloy according to European standard.

Standard connectors are equipped with alu alloy U bolts. High grade stainless steel bolts can be supplied on request.

For further details, please refer to our Aluminium and Bimetallic Connectors 63 to 220 kV catalogue, PN 296860 / RPN 370034-000.



Conductor fitment:

Complete and proven range to connect

- Conductors AAC, AAAC, ACSR & ACAR from 75 to 1144 sqmm (2/0 AWG to 2250 MCM)
- Alu tube 30 to 120 mm (metric system)
- Alu stud 30 to 60 mm
- Alu palm 80x80, 100x100, 125x125mm or other dimensions on request.

Performances to meet

- NEMA CC1 standard requirements for
 - RIV & CORONA (up to 220kV)
 - Temperature rise
 - Mechanical test
- IEC 694 standard requirements for short circuit.

Benefits:

- The Connector designs are approved by RTE (EDF Transport).
- The phase to phase distance is reduced due the shunt advantage.

Energy Division

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale. SIMEL is a trademark.

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