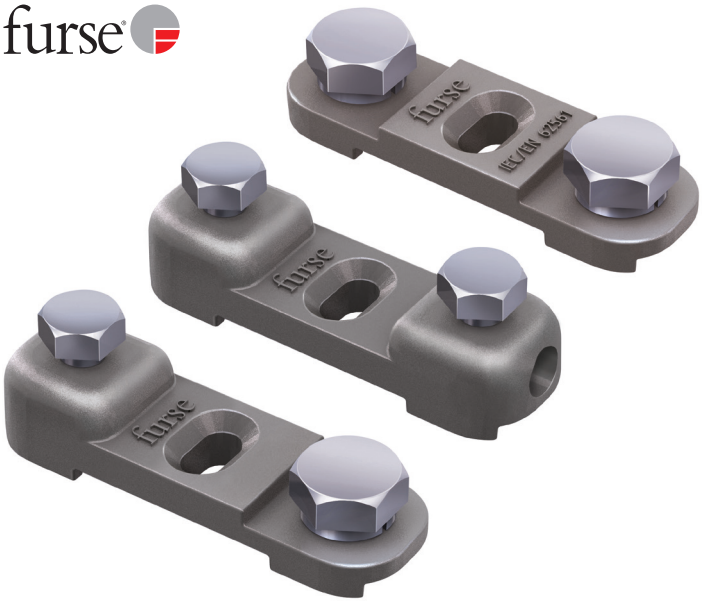
TECHNICAL DATA SHEET

Bimetallic Stainless Steel Connector

High quality connectors for joining aluminium to copper conductors



Furse bimetallic connectors are made from high quality stainless steel, providing the perfect connection between copper and aluminium conductors within a lightning protection system.

Features & benefits

- **Made to standard**
  - Our bimetallic stainless steel connectors for tape to tape and cable to cable have been tested to lightning protection system components IEC/BS EN 62561-1
- **Versatile installation**
  Available in a range of conductor configurations providing interconnection between various conductors types.
- **High quality materials**
  Manufactured from corrosion resistant stainless steel grade 316L providing extensive protection and supplied with A4 grade fixings.
- **Easy to install**
  - Designed with a slotted mounting hole for adjustment during installation
  - Tightening torque 12 Nm
  - Fix using countersunk wood screw 1 1/2" No.10 or M6 (Part no. SW005 or SW105) and wall plugs (Part no.PS305)
- **Application**
  Designed to securely connect aluminium lightning protection conductor to copper earthing conductor. However this product can be utilised on any part of the lightning protection system, where a bimetallic interface is required.

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Product information

Part no.	ABB order code	Conductor size (mm)	Conductor size (mm)	Dimensions (mm) A	B	C	Weight each (kg)	Certification / standards
CN810-FU	7TCA083630R0008	25 x 3	25 x 3	80	25	7	0.12	●
CN815-FU	7TCA083630R0009	8 dia.	8 dia.	80	25	17	0.16	●
CN820-FU	7TCA083630R0010	8 dia.	25 x 3	80	25	17 / 7	0.14	–

Certification / Standards: ● IEC/BS EN 62561-1 Class H.

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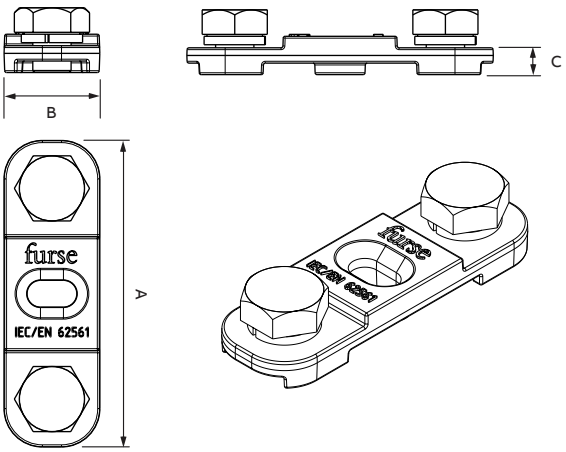
Dimensions
CN810-FU



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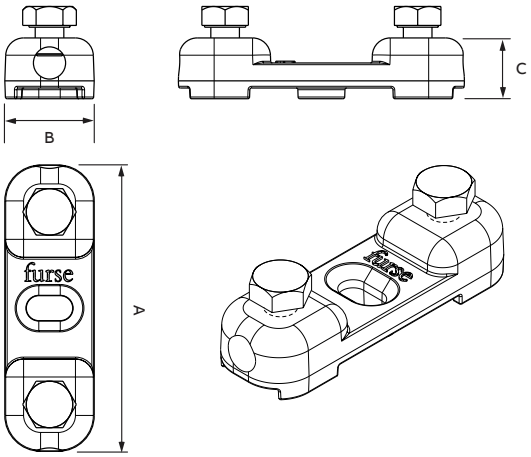
Dimensions
CN815-FU



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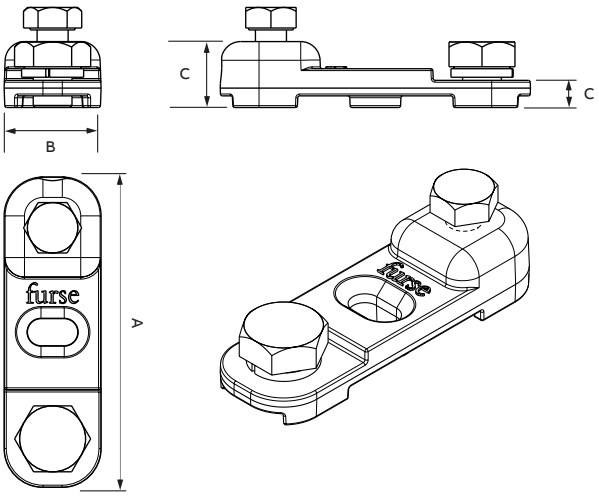
Dimensions
CN820-FU



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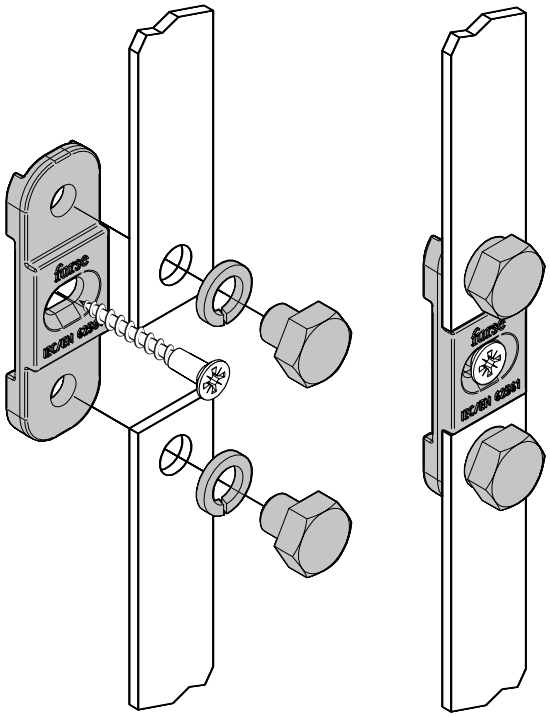
Typical installation



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