



PHASE 3

CONNECTORS

POWERSAFE



ALUMINIUM CABLE SOLUTION

Bi-Metal Connector

Powersafe Bimetal Connectors are Phase 3's solution to connect aluminium cables in high current circuits that incorporate copper cable and busbars. The bimetallic power connector is manufactured using the best raw materials, allowing for a flawless friction weld process producing the highest quality conductor. Bimetallic industrial plugs can be terminated onto aluminium cable meaning lugs can be replaced with a safer insulated termination.

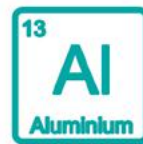
POWERSAFE SINGLE POLE CONNECTORS

The bimetallic conductor is housed inside the industry leading Powersafe connector.



FRICITION WELDING PROCESS

The connector is manufactured with a friction welding process. We test the weld integrity on 1 in 10 welds by bending the sample into a right angle.



ALUMINIUM

Aluminium cable weighs significantly less than Copper and often has 60% cheaper exchange prices.



99.9% PURE MATERIALS

Phase 3 only use the best metal material in our manufacturing process:
99.9% Pure Copper, 99.9% Pure Aluminium.



FULLY TESTED

We have full test reports for the connectors and manufacture them to ISO 9001:2015 quality standards in the UK.

FIND OUT MORE ABOUT BIMETAL CONNECTORS



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