



AIRCRAFT GROUND SUPPLY CONNECTORS

Introduction

POWERMITE has for many years distributed an excellent range of aircraft ground supply sockets, which have been well received and used by both military and civilian customers.

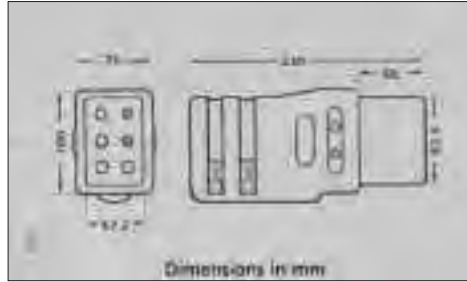
General Information

Specification

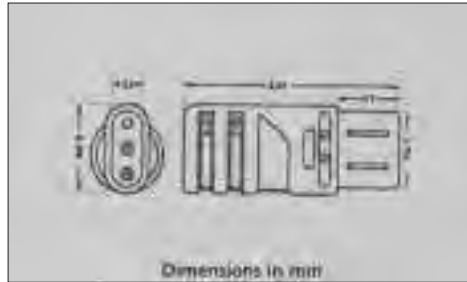
Ground supply connectors are manufactured to BS 4G173 tubes or pins > A, B, C and N > 115>200V A.C. Also for positive (ISO) 461 and to the various MOD (AIR) and NSN standards for negative tubes or pins 28V D.C.

Electrical Ratings > current capacity

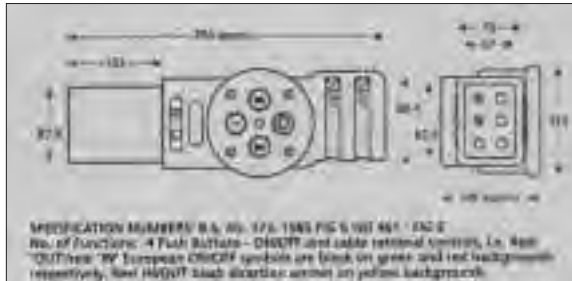
450A maximum continuous current > 1500A for 1 minute. Main tubes or pins > A, B, C and N > 115>200V A.C. Also for positive (ISO) 461 and to the various MOD (AIR) and NSN standards for negative tubes or pins 28V D.C.



Ground Supply
A.C. Socket > 6 Pole
115>200V, A, B, C and N tubes
> 400Hz
450A max continuous current.
1500A max 1 minute. 35A max
continuous current E and F
control tubes.



Ground Supply
D.C. Socket
28V DC, 3 Pole
450A max continuous current.
1500A max 1 minute. 35A
continuous current split control
tube.



A.C. Push Button
Control Socket > 6 Pole
115>200V, A, B, C and N tubes
> 400Hz
450A max continuous current.
1500A max 1 minute. 35A max
continuous current E and F
control tubes.



A.C. Flanged Socket Outlet
> 6 Pole
115>200V, A, B, C and N tubes
> 400Hz
450A max continuous current.
1500A max 1 minute. 35A max
continuous current E and F
control tubes.



D.C. Flanged Socket Outlet
> 3 Pole
28V DC, 3 Pole
450A max continuous current.
1500A max 1 minute. 35A
continuous current split control
tube.

Plug and Socket Couplings



Coupling Cable length to customer's specification

These assemblies are supplied complete, the customer simply specifying the length and type of cable required, and from a given combination of plugs and sockets, selects those suitable for terminating the appropriate cable.

Please note: Above aircraft connectors are samples of a large variety that is available. Please ask our sales staff for more details or ordering codes.

These are particularly useful where a portable connection is necessary when using the ground power breakaway unit, or for extending existing cable assemblies.