
Aeromedical power outlets

The recommended standard for aeromedical power is defined as follows.

Military Specification (MS) plugs and sockets identified by the following part numbers:

Socket: **MS 3102E20-19S**

Plug: **MS 3106E20-19P**

MS indicates Military Specification

3102 represents the shell style (box mounting)

3106 represents shell style (straight plug)

E represents environmental resistant assembly

20-19 represents shell size and contact arrangement

S and **P** stand for socket and plug respectively.

When the plug pin configuration is viewed face on with the centring lug located at 12 o'clock, the upper pin is Pin A (earth), the pin at 4 o'clock in a clockwise direction is Pin B (+ 12 volts) and the pin at 8 o'clock is Pin C (+ 24 volts). The socket is wired in reverse to mirror this configuration.

The plug and socket are capable of handling 46 amperes per pin at 12 or 24 volts DC (providing the vehicle is capable of supplying such current).

A fabricated power outlet in box or plate models is manufactured by GTH Technology Pty Ltd, P.O. Box 7612, TMC, Toowoomba, Qld 4352. Telephone 076-354081. It can be provided with in-built circuit breaker MS24509-A10.

The power outlet meets for military applications MS3102R20-19S.

The socket may be wired for 12 volt or 24 volt or both.

Thermocot Connectors

The Series 2 Thermocot uses the following 3-pin connector: XLP-3-11C plug or AXR-3-11C.

The TS Series Thermocot uses an 8-pin connector: MS3106A18-8S (plug female) or MS3106E18-8S.

ADMIN NOTES

RFDS(WA)

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