

View Online at <https://aerobasegroup.com/nsn/6610-01-432-8458>

Alternating Current Voltage Rating In Volts:

115.0

Direct Current Voltage Rating In Volts:

26.0

End Application:

F-15s

Unpackaged Unit Length:

9.50 inches

Unpackaged Unit Width:

6.20 inches

Unpackaged Unit Height:

6.50 inches

Power Source:

External

Input Intelligence Type:

Air pressure and angle of attack and air temperature and altitude, general data

Intelligence Input Method:

Air or electrical

Output Intelligence Type:

Air data

Phase:

Single

Special Features:

There are 2 different mechanical mounts, 1 used in the eaic location and 1 used in the adc location.

Frequency In Hertz:

400.0

Functional Description:

Processor accepts inputs from aircraft freestream pitot-static pressure system, angle of attack sensors, aircraft total temperature sensors, engine air inlet duct pitot-static pressure system and the altimeter barometric setting. Corrected inputs are used to 1) compute accurate air data for primary flight instruments 2) generate commands necessary to control the variable engine inlet geometry, 3) provide the afcs with pitot pressure, static pressure, and impact pressure.

Supplementary Features:

Ltech characteristics: mil-std-1750a processor, contains 1553 bus, built-in-test/3 external fail indicators, requires no cooling air, provides pressure signal outputs, provides air data to other aircraft systems.

Type/model Designation:

Cpu194/a

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A30800