

View Online at <https://aerobasegroup.com/nsn/6620-01-429-9115>

Direct Current Voltage Rating In Volts:

28.0

Case Material:

Aluminum alloy

End Application:

F110-ge100 engine f-16c/d acft

Unpackaged Unit Length:

10.00 inches

Unpackaged Unit Width:

6.50 inches

Unpackaged Unit Height:

5.00 inches

Power Source:

External or self-contained

Intelligence Input Method:

Electrical

Special Features:

Ambient operating temperature -65 to +160 degrees f.; download operating power 20 watts; normal operating power 50 watts; the emsc is an airframe mounted unit; battery backup

Functional Description:

Receives digital engine performance signals from the engine monitoring system processor and aircraft parameters from the mux; these signals are compared against predetermined limits stored in the emsc; exceedences and faults are transmitted to remote aircraft systems; also monitors the dec and its own performances and transmits data to the pilot displays; detects engine control loop failures and compressor stalls

Reference Data And Literature:

To 5e1-2-12-1

Fsc Application Data:

Engine monitoring system computer (emsc)suppbattery not included

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A30800