GE Service Manual

MPU55 369B1860G0030

1. Description

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3. Product Information

The GE Nexus MPU55 369B1860G0030 is a compact aircraft engine control module specifically designed for FADEC systems.

This control module features the following key characteristics:

High Performance: It provides rapid processing speed and precise control, ensuring stable engine operation under a wide range of conditions.

High Reliability: The module employs a redundant design and rigorous quality control to ensure reliable operation, maintaining its performance even under extreme or harsh conditions.

Ease of Maintenance: Its modular design facilitates replacement and repair, reducing downtime and maintenance costs.

The specifications of the MPU55 369B1860G0030 include:

Processor: PowerPC 604e

Memory: 128 MB RAM, 512 MB Flash

Interfaces: RS-232, MIL-STD-1553

Operating Temperature Range: -55°C to 75°C

Protection Rating: IP67

Dimensions: 100mm x 100mm x 50mm

Weight: 0.5 kg

The MPU55 369B1860G0030 is widely used in various FADEC systems, including military aircraft, civilian aircraft, helicopters, and drones.

Type: Communication/Control Module

Connectivity: Ethernet, serial, or specific protocols (e.g., Modbus, Profinet)

Power Supply: 24V DC (specific power requirements may vary)

Operating Temperature Range: -40°C to +70°C

Mounting Type: DIN rail or panel mount

Enclosure Material: IP67 dust and water resistant rating

Transmission Rate: Supports 10/100/1000Mbps auto-sensing.

Management Method: Supports Web, SNMP, and other management methods.

Protocol Support: Supports multiple industrial protocols, such as Modbus TCP and Profinet.