AMAC MSC

MULTI-FUNCTIONAL SYSTEM CONTROLLER

#Avionics

NVIS GREEN A ILLUMINATED PANEL COMPACT AND RUGGED DESIGN





AMAC MSC

MULTI-FUNCTIONAL SYSTEM CONTROLLER

Multi-Functional System Controller (AMAC MSC) is an avionic control panel designed by ASELSAN to control cursor movement on displays.

The operator interface of AMAC MSC is designed with guidance of MIL-HDBK-1472F Human Factor Engineering standard for the usage of Pilot and Copilot.

AMAC MSC performs to control touch displays, fast access settings, data management capability via USB 2.0 interface.

AMAC MSC consists of a joystick for cursor control with push to pan capability, four knobs for critical PFD data settings, four functional pushbuttons and 12 shortcut buttons for touchscreen concepts.

With its rugged and compact design, AMAC MSC operates in severe environmental conditions on air platforms.

General Specifications

- Emdedded Hardware
- Built-In Test Capability
- NVIS Green A Compatible Illuminated Panel
- NVIS Compatible Illuminated Annunciators

Interfaces

- Discrete Input/Output Interface
- ARINC-429 Interface
- PWM Interface

Physical Specifications

- Dimension: 147 mm (W) x 229 mm (H) x 149 mm (D)
- Weight: <2.2 kg

Technical Specifications

Input Power

•

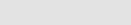
- : 28 VDC
- Power Consumption : <15W (Nominal)
- Power hold-up for short power interrupts
- Panel Backlight Dimming Input : 0-28VDC

Environmental Conditions

- Operating Temperature and Altitude: -40°C / +70°C, 20.000 ft
- Storage Temperature: -55°C / +85°C

Qualifications

- MIL-STD-810G
- MIL-STD-810H
- DO-160G
- MIL-STD-704F



AGS - AMAC MSC- 10.2024