

# SYSTEM CONTROL PANEL

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Rail mounted control panel provides system control and data entry.



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The weapons fire control system is inactive unless powered on with “SMU PWR ON”. Once activated the SMU performs BIT to look for system safe conditions. If during BIT, or during weapons system use, the SMU determines that stray voltages or other anomalies exist, the “UNSAFE” indication is illuminated.

Weapon arming is available via a guarded “ARM” switch. The system must be armed in order to fire any weapons. When the weapons system is properly armed, an amber “ARMED” capsule light will illuminate showing the system is in an armed state.

In the unlikely event that the fire control system fails, the user has the ability to put the weapons in a reversionary mode. Reversion allows firing of certain weapons (Hellfire not included) in a prescribed firing format, e.g. firing a gun or pair of guns with a single trigger pull, or rockets alternating (if applicable) in singles or pairs mode with a single trigger pull.

Both the backlighting panel and the LED indicators are NVIS B compatible and their brightness is adjustable via cockpit dimmer control.

A quadrature to serial bus decoder converter can be used for system data entry, such as rounds count and Hellfire laser codes.

## Features:

- Master weapons system power “SMU POWER ON”
- Master weapons system “ARM”
- System “REVERSION”
- System “SAFE/UNSAFE”
- Data Entry

## Electrical:

- Voltage – 28VDC
- Current – 0.3A

## Physical:

- Weight – 1.0 lbs.
- Dimensions - 1.85”L x 4.93”W x 1.5”H

## Qualified - Environmental:

- Complies with MIL-STD-810G

## Qualified - Electro Magnetic Interference:

- Complies with MIL-STD-461F

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