

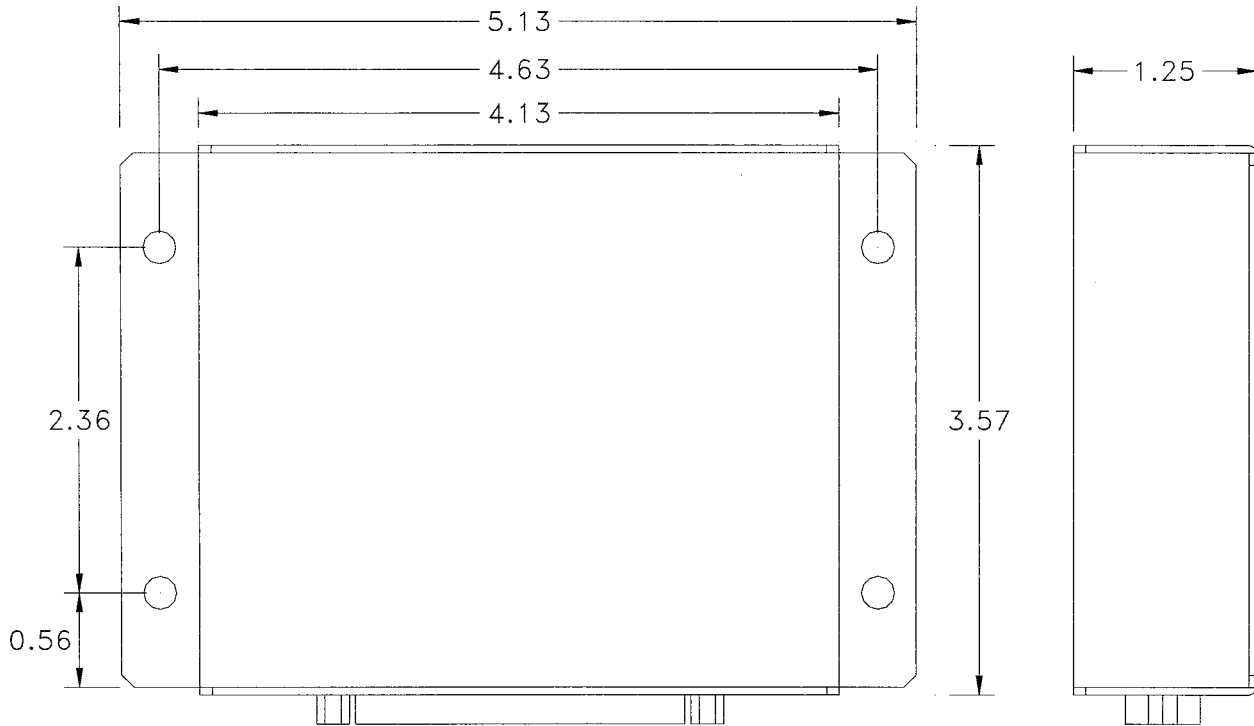
# AIS240-35

28 Volt Universal  
Switch Unit

Installation Manual

**PMA Approved**

PMA# PQ0894SW



### Size

Length 5.125"  
 Width 3.562"  
 Height 1.187"

### DO-160C Env. Cat.

[A1D1]-CA(MN)XXXXXXZBABATZXXX

### Electrical

Operating Voltage 28 VDC  
 Operating Current 120mA (all relays engaged)  
 Contact Switching Rating\* 1.0A @ 30VDC Max.

### Environmental

Max. Operating Temp. -20°C to +55°C  
 Max. Operating Altitude 50,000 Ft.  
 \*Limited by circuit board track current capacity.

Always use the Installation Manual provided. Do not rely on previously issued manuals.

### Mating Connector and Contact Information

Description	Manufacturer	Manu. Part Number	SANDIA Part Number
Connector Housing	AMP/Tyco	204508-1	204508-1
Crimp Contact	AMP/Tyco	204351-1	305070
Hand Crimper Tool	AMP/Tyco	**601966-1	NA
Insertion/Extraction Tool	AMP/Tyco	**91067-1	NA

\*\*Or Equivalent Tool

### Continued Airworthiness

Maintenance of the AIS 240-35 is on condition only. No scheduled maintenance is required.

P/N AIS240-35-IS

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REV C1  
ECN 3555A

# AIS240-35 SCHEMATIC/PIN-OUT

