

# MARC-70 Interface Modules

## Simplifying Complex Installations



**PMA Certified**  
**Multiple Modules to Choose From**  
**Certified To 50,000 Feet or Above**  
**Three Enclosures to Fit Every Requirement**

# Installation Solutions Modules

MARC70 Switching and Interface Modules provide system engineers and installers with simple to install, PMA certified solutions to previously complex installations., MARC 70 modules can be mounted individually in the SRU 1 Single Module Enclosure or grouped in the SRU 5 and SRU 10 multi-module enclosures. No matter which mounting method you choose, servicing the module is as easy as pulling one and inserting another. And as with all SANDIA aerospace products they are backed by a 3 year no hassle warranty.

## Special Interface Modules



**SA 3**  
Regulator/Dimming Module

Provides .5 amps of annunciator drive. Will provide up to 1 amp short term for test purposes. Bright and dim setting independently adjustable. FAA-PMA



**SA 15**  
Inverter Module

Converts High to Low or Low to High to provide common annunciator power. 14 inverter outputs



**SA 24**  
Diode Isolation Module

Provides 23 lines of diode ground in-ground out isolation. Internal FET allows simultaneous test of all lines to ground. Requires 28 Vdc in for test. FAA-PMA

## Mil Qualified Switching Modules



**SR 263**

The SR 263 has two, six pole nitrogen filled relays. The two relays can be activated simultaneously or individually.



**SR 343**

The SR 343 has three, four pole nitrogen filled relays. The three relays can be activated simultaneously or individually.



**SR 623**

The SR 623 has six, two pole nitrogen filled relays. The six relays are activated individually.

Certification: FAA-PMA, Max Pick Up Voltage: 18Vdc; Nominal Coil Voltage: 390Ω; Max Coil Rating: 2A @ 28Vdc Resistive Load, .75A @ 28Vdc Inductive Load, .25A @ 28Vdc Lamp Load

## GA Switching Modules



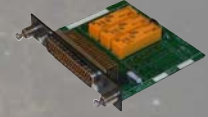
**SR 34**

The SR34 uses three, four pole sealed relays to provide 12 lines of switching. PMA Pending Coil Current 60mA



**SR 54**

The SR54 is a twenty pole relay units and ideally suited for switching the HSI between GPS and VOR/LOC functions. Coil Current 120mA.

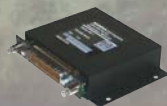


**SR 64**

The SR64 is a multi-purpose relay module that provides 24 lines of switching. Coil Current 120mA.

Max Pickup Voltage: 16.8 Vdc; Nominal Coil Impedance: 1440Ω; Drop-out Voltage: 2.4Vdc; Voltage 28Vdc; Max Contact Rating: 2A @28Vdc Resistive Load. PMA's-Pending

## Choice of Enclosures



**SRU 1**  
Single Card Enclosure



**SRU 5**  
Five Card Enclosure



**SRU 10**  
Ten Card Enclosure