AAR

Input | Analog | Output | Relay

The AAR is controlled by a single analog input signal with two potentiometers controlling each output relay. The two 10 amp output relays can be independently set to fixed or adjustable deadband. "Fixed", the relay will turn "ON" at the level set by the Low pot and will turn "OFF" at a fixed 3% of the input signal below the turn-on level. "Adjustable" allows a flexible range of deadband adjustment using both the High and Low potentiometer. The edge-connector feature allows signal and power connections to be extended to the next board. This allows the installer to wire the first unit then slide additional units together by plugging into a power and signal bus without the need to strip and terminate additional wires. The AAR is field calibratable, however, factory calibration is available upon request.

SPECIFICATIONS

Supply Voltage	24 VAC or 24 VDC, +/-10%		
Supply Current	45 mA maximum		
Analog Input Impedance	Voltage Range: 0-12 VDC @ 1,000,000Ω	0-24 VDC @ 20,000Ω	Current Range: 0-20 mA @ 499Ω
Digital Output Type	Two SPDT Form "C" Relays		
Contact Rating	10A @ 120 VAC		
Electrical Life	100,000 cycles minimum		
Mechanical Life	10,000,000 cycles		
Wire Size	Up to one 14 gauge maximum		
Terminal Type	90º plug-in terminal blocks with 5mm pin spacing		
Edge Connector	Connect six AARs together using one connection, more if power is jumpered to every sixth AAR		
Operating Temp/RH	32 to 120ºF (0 to 48.9ºC)/10 to 95% non condensing		
Product Dimensions	(L) 3.25" (W) 2.41" (H) 1.00"		

ORDERING

Please select AAR as an Interface Device (A).

A Interface Device

○ **AAR** (Analog to Adjustable Relay Output)

BUILD PART NUMBER

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

A

EXAMPLE: AAR

RoHS COMPLIANT 2002/95/EC