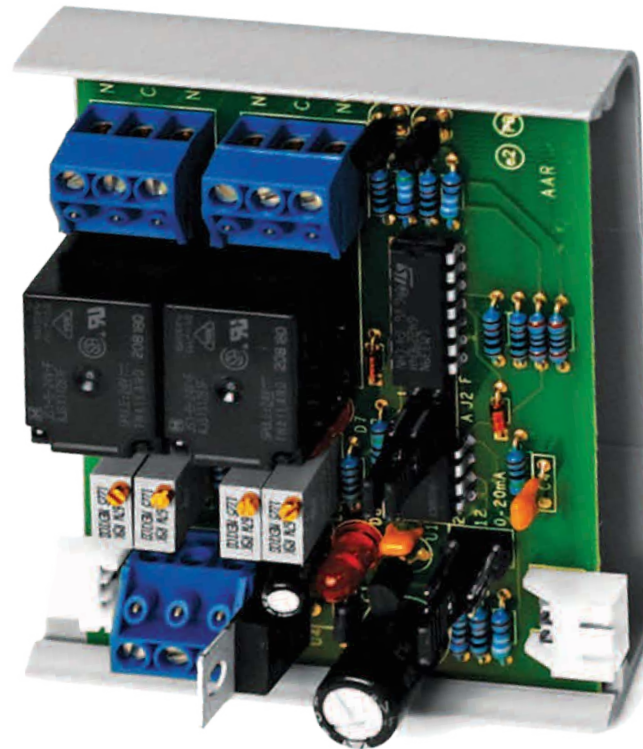


## AAR



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**

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

