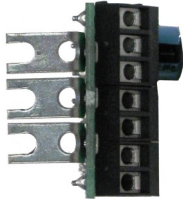
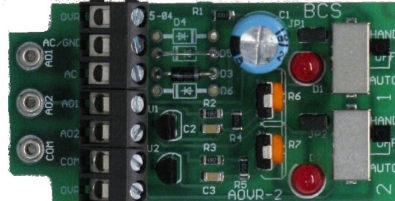


BCS-AVOR-2

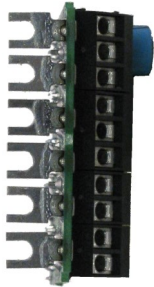


Front View

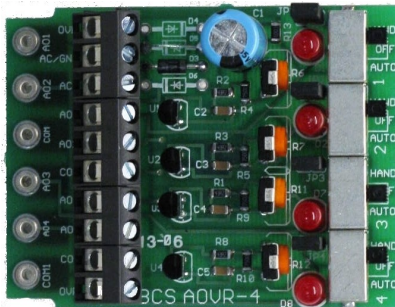


Top View

BCS-AVOR-4



Front View



Top View

### DESIGNED FOR:

- IA-ASD Product Line
- IA-LON Product Line

### BENEFITS & FEATURES:

- AOVR generates 4-20 mA Analog Output Signal via on-board circuitry and power supply
- Manual adjustment of individual output channels
- Exceeds competitors' manual override offering
- Visual feedback of output signal via variable intensity LED's
- Inline test plugs for easy trouble shooting and calibration
- Eliminates need for interface software when calibrating/trouble shooting end devices
- No external DC power supply required
- Uses same 24 VAC input as controller

### AVOR SERIES:

The AVOR Series of Analog Output Override Cards are available in two and four channel versions. These cards allow for manual override of a controller's analog output channel. This card has been designed for the TAC Network 8000 Microzone II and IA-LON MNL-800 Controllers, but may be applied to any controller with a 4-20 mA output with the addition of interposing terminals. The AOVR (2/4) allows an operator to manually select Auto-Off-Hand.

**SPECIFICATIONS:**

**Operating Temperature:** +32 to +122 Degrees F

**Power Supply:** 24VAC Approximately 100mA

- \* Can be powered from same transformer as MicroZone or MNL-800.
- \* Output devices must have isolated power supplies or damage may occur.

**OPERATION:**

<b>Signal Output:</b>	<p><b>Hand Position:</b> 4-20 mA into a 600 ohm load (maximum) adjustable via on-board multi turn potentiometer "OUTPUT ADJUSTMENT POT".</p> <p><b>Off Position:</b> Electrically isolated, zero output</p> <p><b>Auto Position:</b> Electrically connects to a MicroZone Output</p>
<b>Test Outputs:</b>	<p><b>Visual Feedback:</b> On-board Light Emitting Diodes (LED) vary intensity based upon output signal from 4–20 mA.</p>
<b>Test Pins:</b>	<p><b>Test Jumper:</b> On-board test jumper pins allow for inline measurements of output signal.</p>
<b>Monitoring:</b>	<p>Card allows for monitoring status of overrides. Terminals OVR and OVR provide a normally closed contact which opens when any switch is placed out of the Auto position.</p>

**WIRING:**

