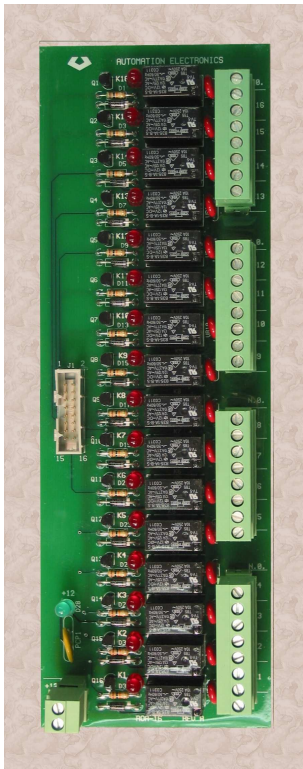




Automation  
Electronics

## ROA16 Discrete Output Field Termination

### Overview



The Automation and Electronics, Inc. ROA-16 is a relay output board designed to provide expansion of sixteen additional relay outputs for our SRTU-121, 604-SLCR and 608C controllers.

The ROA-16 provides sixteen Form A (normally open) relay outputs. Each relay is driven by a MOSFET which turns on and off according to the written data from the processor. Each relay output has an LED to provide an visual indication when the relay is energized.

Figure 1: Discrete Output Field Termination

## Specifications

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**Mechanical**

*Size:* 3" x 10" PC board

*Mounting:* Snap track

**Environmental**

*Operating temperature:* -22 to 140 °F (-30 to 60 °C)

*Relative humidity:* 5 to 90% non-condensing

**Power requirements** 760 mA max @ 12 V<sub>DC</sub>, 50 mA per relay @ 12 V<sub>DC</sub> (13.2 V<sub>DC</sub> max)

**Relay contact** Form A, single pole normally open, 5 A @ 120 V<sub>AC</sub>, 5 A @ 30 V<sub>DC</sub> resistive

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