

# MSI PC/104 Embedded PC Series

## MSI-P910 Analog Input Terminal Card

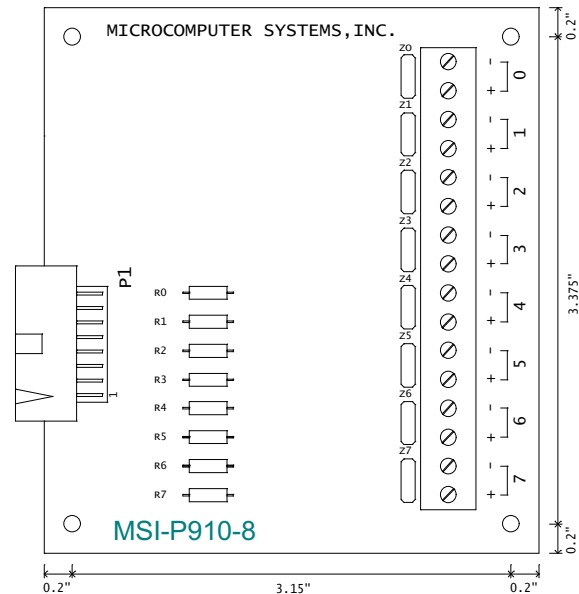
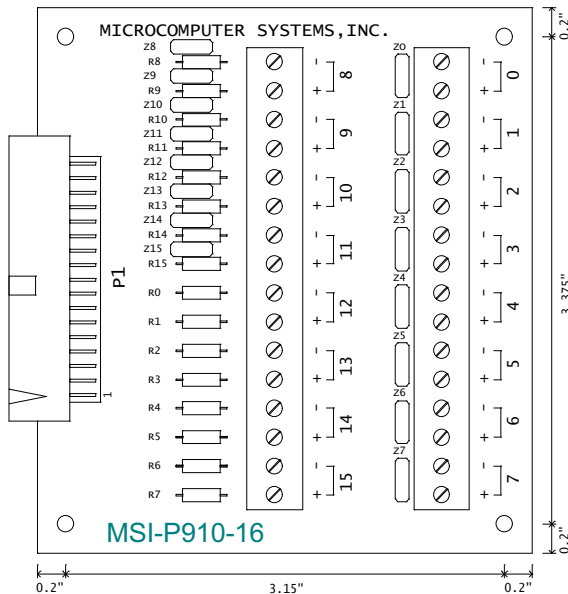
### FEATURES

- ◆ Provides terminal strips for up to 16 analog inputs for MSI analog input card models MSI-P412, MSI-P414, MSI-P415 and thermocouple input card model MSI-P440.
- ◆ Provides surge suppressors on all inputs.
- ◆ Provides resistor sites for current inputs (0-20 mA, 4-20 mA, etc.).
- ◆ Compact 3.5" x 3.75" in size.
- ◆ MSI-P910-8 provides 8 inputs.
- ◆ MSI-P910-16 provides 16 inputs.
- ◆ Can be placed on the PC/104 stack.
- ◆ Two-year warranty from date of shipment.

### DESCRIPTION

The MSI-P910 is a compact unit designed to provide a simple means of connecting analog I/O field wiring to MSI analog input card models MSI-P412, MSI-P414, MSI-P415 and MSI-P440. The board provides for 16 inputs or outputs using four terminal blocks (Phoenix MKDS 1.5/8-5.08) arranged in pairs to form two input blocks, TS1 and TS2, each providing for eight input channel connections. The card can be placed on the PC/104 stack to optimize space usage.

Surge suppression is provided for voltages exceeding 14 VDC nominal using ZNR transient/surge suppressors (Z0 thru Z15). Resistor sites are provided for 250 Ohm resistors to accommodate 0-20 mA and 4-20 mA inputs for analog input cards. All terminal connections and components are clearly labelled, as shown in the figures below.



## MICROCOMPUTER SYSTEMS, INC

1814 Ryder Drive • Baton Rouge, LA 70808 • Phone (225) 769-2154 • Fax (225) 769-2155  
Email: [staff@microcomputersystems.com](mailto:staff@microcomputersystems.com) <http://www.microcomputersystems.com>