Description

The ASCO Sequential Controller has been designed to operate the ASCO pilot valves used on dust collector equipment. Light emitting diodes (LED's) provide visual indication of which pilot valve is being energized as well as “Power On” indication. The number of sequenced steps is adjustable from 2 through 10.

Method of Operation

Controls are provided to adjust the length of time between valves being energized (Pulse Frequency) and the length of time that the valve is energized (Pulse Duration). Silicon semiconductor components control all timing and logic functions. Two independent methods of starting and stopping the Controller.

Specifications

- **Input Voltage Range:** 102 to 132 volts, 60 Hz.
- **Input Fuse:** 3 amp, 125 volt, type AGC.
- **Pulse Duration Range of Adjustability:** 20 to 200 milliseconds.
- **Number of Sequenced Steps:** 2 through 10, adjustable in field, (factory set at 10).
- **Temperature Range:**
  - **Operating:** -10˚F to +130˚F (-23˚C to 54˚C)
  - **Storage:** -20˚F to +150˚F (-29˚C to 66˚C)
- **Repetitive Accuracy on Time Sequences:** ±5%
- **Current Ratings per Sequence Step:**
  - **Maximum Inrush Current:** 7.5 amps at 120 60 Hz.
  - **Maximum Continuous Current:** 2.0 amps at 120 60 Hz.
  (NOTE: Solid-state elements require that minimum continuous current per sequence step must not be less than 0.050 amperes. Consult factory for special rating requirements including operation below 0.050 amperes).
- **Dimensions, open type:** 9” high x 7” wide x 5” deep.
- **Mounting:** Four 3/4” long stand-offs are supplied for mounting within enclosure.
- **Load Fuse:** 2 amp maximum required.

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### TRI-POINT PRESSURE SWITCH

**Description**

ASCO S-Series pressure switches consist of a switch unit and a transducer unit. They can be ordered separately for customer stocking and/or field assembly or as a complete factory assembled unit.

### SPECIFICATIONS

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**NOTES:** 1 Values shown are nominal. 2 CSA approved for Type 1 only. 3 CSA approved for Type 1 only.

**Features**

- Visual adjustment scales in psi and bars.
- External adjusting nuts.
- Separate electrical, pressure and adjusting chambers.
- 1/4” NPT connection.