The Series SC1090 Limit/Alarm Switch Modules are one-off or limit switches with field selectable inputs. Input type can be either a process signal, thermocouple, or RTD based on the model. Input type, scale range, and output type selection are made through easily accessible switches without the need to open the product. Each unit has two form C (SPDT) relays which can operate independently, or be logically connected to operate as a DPDT output. A two color LED indicator indicates the status of each output relay. These units mount easily on a standard 35 mm DIN rail. Low Voltage (SCLXXX) units are also available.

### ACCESSORY

A-360, Aluminum DIN Rail 1 m  $8.00

### Series SC1

**Process/Temperature Alarm Switch Module**

**Two Form C (SPDT) Switches, Small Size, Mounts Easily on 35 mm DIN Rail**

<table>
<thead>
<tr>
<th>Model</th>
<th>Input</th>
<th>Power Supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC1090</td>
<td>4 to 20 mA, 10 to 50 mA, 0 to 20 mA, 0 to 10 V, -10 to 10 mV</td>
<td>VDC/VAC 85 to 265</td>
<td>$199.90</td>
</tr>
<tr>
<td>SC1290</td>
<td>Thermocouple Type J, K, R, S, T, E</td>
<td>VDC/VAC 85 to 265</td>
<td>$199.00</td>
</tr>
<tr>
<td>SC1490</td>
<td>RTD Pt1000 Ni100, Ni120, Cu10, Ni-Fe1000, Ni-Fe2000</td>
<td>VDC/VAC 85 to 265</td>
<td>$199.00</td>
</tr>
<tr>
<td>SCL1090</td>
<td>4 to 20 mA, 10 to 50 mA, 0 to 20 mA, 0 to 10 V, -10 to 10 mV</td>
<td>VDC/VAC 12 to 24</td>
<td>$199.00</td>
</tr>
<tr>
<td>SCL1290</td>
<td>Thermocouple Type J, K, R, S, T, E</td>
<td>VDC/VAC 12 to 24</td>
<td>$199.00</td>
</tr>
<tr>
<td>SCL1490</td>
<td>RTD Pt1000 Ni100, Ni120, Cu10, Ni-Fe1000, Ni-Fe2000</td>
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<td>$199.00</td>
</tr>
</tbody>
</table>

### Series AN2

**Indicating Alarm Annunciator**

Up to 8 Inputs, Integral Power Supply

The Series AN2 Indicating Alarm Annunciator provides visible and audible alarms for up to eight inputs. The annunciator also has two SPDT relay outputs that can be used to initiate external alarms, buzzers, or paging devices. The Integral 24 VDC power supply can power most level, temperature, pressure, and flow switches. Audible alarm conditions can be acknowledged, reset, or silenced either via the front panel push buttons or the rear terminal block. The Series AN2 can be set to any common ISA sequences including First-Out.

### ACCESSORY

A-360, Aluminum DIN Rail 1 m  $8.00

### SPECIFICATIONS

**Input:**
See Table.

**Power Supply:**
- SC models: 85 to 265 VDC/VAC, 50 to 400 Hz.
- SCL models: 12 to 24 VDC/VAC, 50 to 400 Hz.

**Isolation:**
1500V rms between outputs, input, and power.

**Set Points:**
Adjustable 0 to 100% of span.

**Deadband:**
Adjustable 0.25% to 100% of span.

**Drift:**
±0.02%/°C typical ±0.05%/°C maximum.

**Ambient Temperature Range:**
- Operating: 32 to 131°F (0 to 55°C).
- Storage: -40 to 176°F (-40 to 80°C).
- Latch Circuit Reset:
  - Automatic at power up. Manual with reset switch on front of module.

**Relay Output:**
- Form C, SPDT, one per set point, 5A @ 250 VAC, resistive.

**Wiring Terminals:**
- Screw driven 90° compression type.

**Power Consumption:**
20 W (6 W on low voltage models).

**Mounting:**
1/8 DIN.

**Agency Approvals:**
CE, UL.

**Housing Material:**
UL rated 94V-0 high impact plastic.

**Enclosure Rating:**
NEMA 4X (IP66) front panel.

**Weight:**
3.6 oz (272 g).

**Power Requirements:**
- 85 to 265 VAC 50/60 Hz, 90 to 265 VDC, 12 to 36 VDC, 12 to 24 VAC (depending on model).

**CALL TO ORDER**

800/872-9141