The Series CX Compressor Pressure Switches are designed with a 20 amp normally closed SPST switch for direct control of pumps and motors. The set point and deadband are both easily adjustable via screw terminals inside the covers. For ease of installation, the switches come with a 1/4” female NPT process connection or the optional 4-port connection block on the CX-4 models. Besides making installation easier, one of the other ports can be used to install a pressure gage. Plus, these switches can be mounted in any orientation. These units are perfect for regulating tank pressure on small air compressors. The CX series switches come with an unloader valve, which prevents compressors from starting under load. They also come with an auto/off disconnect lever for manually cutting off the load. When the lever is in the off position, there is a test button inside the housing that can be pushed to turn on the load.

Unit is ideal for instrument panels, small compressors and general industrial applications. Visible set point and easy to wire SPDT snap switch reduce installation time.

### Series CX

<table>
<thead>
<tr>
<th>Model</th>
<th>Number of Ports</th>
<th>Range psig (bar)</th>
<th>Approx. Adjustable Deadband psig (bar)</th>
<th>Max. Pressure psig (bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CX-11</td>
<td>1</td>
<td>25-100 (1.7-6.9)</td>
<td>20-30 (1.4-2.1)</td>
<td>129 (8.9)</td>
</tr>
<tr>
<td>CX-12</td>
<td>1</td>
<td>35-150 (2.4-10.3)</td>
<td>30-40 (2.1-2.8)</td>
<td>179 (12.3)</td>
</tr>
<tr>
<td>CX-13</td>
<td>1</td>
<td>50-175 (3.4-12.1)</td>
<td>35-55 (2.4-3.8)</td>
<td>204 (14.1)</td>
</tr>
<tr>
<td>CX-41</td>
<td>4</td>
<td>25-100 (1.7-6.9)</td>
<td>20-30 (1.4-2.1)</td>
<td>129 (8.9)</td>
</tr>
<tr>
<td>CX-42</td>
<td>4</td>
<td>35-150 (2.4-10.3)</td>
<td>30-40 (2.1-2.8)</td>
<td>179 (12.3)</td>
</tr>
<tr>
<td>CX-43</td>
<td>4</td>
<td>50-175 (3.4-12.1)</td>
<td>35-55 (2.4-3.8)</td>
<td>204 (14.1)</td>
</tr>
</tbody>
</table>

### Series CS & CD

Series CS and CD combine advanced design and precision construction in a small size. Visible set point and easy to wire SPDT snap switch reduce installation time. Operates in any position and is vibration resistant.

#### CS-1
- 1-30 Hg. Vac. (25.4-762 mm Hg)
- 1-100 in w.c. (.25-24.9 kPa)
- Adjustable SPST snap switch
- 1.5 Hg. (38 mm Hg)
- 7 in w.c. (1.74 kPa)
- 0.4 psig (0.03 bar)
- 1.0 psig (0.07 bar)
- 5 psig (0.35 bar)

#### CD-10
- 1-30 psig (.214-2 bar)
- 1-100 psig (.735-7 bar)
- Adjustable SPST snap switch
- Min: 1.5 psig (.1 bar)
- Max: 11.5 psig (.79 bar)

#### CD-30
- 1-30 psig (.735-2 bar)
- Adjustable SPST snap switch
- Min: 2 psig (.14 bar)
- Max: 12 psig (.83 bar)

#### CD-150
- 1-30 psig (.735-2 bar)
- Adjustable SPST snap switch
- Min: 14 psig (.97 bar)
- Max: 24 psig (1.7 bar)

### Electrical Ratings:
- 20 A @ 120 VAC, 12 A @ 240 VAC, 9.6 A @ 240 VAC (3 phase), 8.6 A @ 32 VDC, 3.1 A @ 120 VDC, 1.6 A @ 240 VDC,
- 1.5 HP @ 120 VAC, 2 HP @ 240 VAC, 3 HP @ 240 VAC (3 phase), 0.25 HP @ 32/120/240 VDC.

### Temperature Limits:
- -30 to 150°F (-35 to 66°C)

### Pressure Limit:
- 30 psig (2.1 bar) for ranges 1, 3, and 10; 50 psig (3.5 bar) for range 30; 175 psig (12.1 bar) for range 150.

### Deadband:
- See model chart.

### Setpoint Adjustment:
- Internal screws.

### Mounting Orientation:
- Internal screws.

### Weight:
- CX-1: 0.78 lb (0.35 kg); CX-4: 1.03 lb (0.47 kg).

### Agency Approvals:
- CE.