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 cover. For ease of installation, the switches come with a 1/4˝ female NPT process connection or the optional 4-port connection (CX-4). Besides making installation easy, one of the via screws 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.

### SPECIFICATIONS

- **Service**: Air and non-combustible compatible gases.
- **Wetted Materials**: NBR (Nitrile-Butadiene) rubber diaphragm, steel connection (CX-1), aluminum alloy connection (CX-4).
- **Temperature Limits**: 140°F (60°C).
- **Pressure Limits**: See model chart.
- **Enclosure Rating**: General purpose.
- **Repeatability**: ±5 psig (±0.3 bar).
- **Switch Type**: 2 each SPST snap action, normally closed (NC).
- **Electrical Ratings**: 20A @ 120 VAC, 9.6A @ 240 VAC (3 phase), 8.6A @ 32 VDC, 3.1A @ 120 VDC, 1.6A @ 240 VDC, 1.5 HP @ 240 VAC, 2 HP @ 240 VAC, 3 HP @ 240 VAC (3 phase), 0.25 HP @ 32/120/240 VDC.

### FEATURES

- Designed for electrically driven water pumps
- Suitable for all types of pumps: jets, submersible, reciprocating, etc
- Direct acting (NC) or reverse acting (NO) available depending on switch type and model number

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The Series CXA Water Pump Pressure Switches have been proven reliable for controlling automatic water systems. These switches are very popular for use on water pumping systems. The set point and deadband are both easily adjustable via screws inside the cover. For ease of installation, the switches come with a 1/4˝ female NPT process connection and can be mounted in any orientation. The series CXA’s simple design makes it a great switch for an installer at any skill level.

### SPECIFICATIONS

- **Service**: Compatible liquids and gases.
- **Wetted Materials**: Silicone, steel, and SS.
- **Temperature Limits**: 140°F (60°C).
- **Pressure Limits**: See model chart.
- **Enclosure Rating**: General purpose.
- **Repeatability**: ±5 psig (±0.3 bar).
- **Switch Type**: SPST snap action (see model chart).
- **Electrical Ratings**: 20A @ 120 VAC, 9.6A @ 240 VAC (3 phase), 8.6A @ 32 VDC, 3.1A @ 120 VDC, 1.6A @ 240 VDC, 1.5 HP @ 240 VAC, 2 HP @ 240 VAC, 3 HP @ 240 VAC (3 phase), 0.25 HP @ 32/120/240 VDC.

### FEATURES

- Designed for electrically driven water pumps
- Suitable for all types of pumps: jets, submersible, reciprocating, etc
- Direct acting (NC) or reverse acting (NO) available depending on switch type and model number

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### Model and Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Number of Ports</th>
<th>Range (psig)</th>
<th>Approx. Adjustable Deadband (psig)</th>
<th>Max. Pressure (psig)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CX-1</td>
<td>2</td>
<td>25-100</td>
<td>20-30</td>
<td>129 (8.9)</td>
</tr>
<tr>
<td>CX-2</td>
<td>4</td>
<td>35-150</td>
<td>30-40</td>
<td>179 (12.3)</td>
</tr>
<tr>
<td>CX-3</td>
<td>4</td>
<td>50-175</td>
<td>35-55</td>
<td>204 (14.1)</td>
</tr>
<tr>
<td>CX-4</td>
<td>4</td>
<td>150-250</td>
<td>179-230</td>
<td>204 (14.1)</td>
</tr>
</tbody>
</table>