Cat® CTX Series
Automatic Transfer Switch Equipment

Cat® CTX series switches are built for residential and light commercial applications requiring the dependability and ease of operation found in a power contactor switch. Voltage sensing and system control is performed via a state-of-the-art microcontroller located on the cabinet door.

Features

- Ratings 40 to 400 amps (2-, 3-, and 4-pole)
- UL 1008 listed at 480 VAC
- CSA certified at 600 VAC (200-225 amp – 480V)
- IEC listed at 480V
- Double throw, mechanically interlocked contactor mechanism
- Electrically operated, mechanically held
- Designed for emergency and standby applications
- Seismic compliance to IEEE-693-2005 and IBC-2003

MX-60 Control Panel

CTX switches are equipped with the MX-60 control panel as standard.

This microprocessor control includes:

- Undervoltage sensing (90% pickup/80% dropout of the utility source)
- Voltage and frequency sensing of the generator source (90% voltage/95% frequency pickup)
- Time delay engine start – 2 seconds (P)
- Time delay utility stabilization/retransfer to utility – 5 minutes (T)
- Time delay engine cool down – 5 minutes (U)

All time delays are fixed.
The unit is available in open type, NEMA 1 or NEMA 3R enclosures. The MX-60 control panel adds a user interface and functionality, including:

- Indicating LEDs for power availability, switch position, and load energized
- Pushbuttons for test, exercise set, timer bypass, and program cancel
- Special status annunciation of in-phase transfer and times operation
- Selectable 7, 14, 21 or 28 day (factory set 28 days) generator exerciser timer
- Diagnostic LED indications in logical one-line configuration

Additional options include:

- A3/A4 auxiliary contacts (1 each) closed in utility and generator positions
- Special timer settings

## Technical Specifications

<table>
<thead>
<tr>
<th>Amp Size</th>
<th>Standard Lugs</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-80</td>
<td>1 – #8 to 3/0 AWG per pole</td>
</tr>
<tr>
<td>100-225</td>
<td>1 – #6 to 250 MCM per pole</td>
</tr>
<tr>
<td>300-400</td>
<td>1 – #4 to 600 MCM per pole</td>
</tr>
</tbody>
</table>

### Lug Configuration

<table>
<thead>
<tr>
<th>Amp Size</th>
<th>NEMA 1</th>
<th>NEMA 3R</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-225</td>
<td>24&quot; H x 18&quot; W x 10&quot; D</td>
<td>24&quot; H x 18.5&quot; W x 10.5&quot; D</td>
</tr>
<tr>
<td>40-225</td>
<td>(610) H x (457) W x (254) D</td>
<td>(610) H x (470) W x (267) D</td>
</tr>
<tr>
<td>300-400</td>
<td>46&quot; H x 24&quot; W x 14&quot; D</td>
<td>46&quot; H x 24&quot; W x 15&quot; D</td>
</tr>
<tr>
<td>300-400</td>
<td>(1168) H x (610) W x (356) D</td>
<td>(1168) H x (610) W x (381) D</td>
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