

CTX Series Light Commercial Switch  
with MX-60 Control Panel (covers removed)

## CTX SERIES AUTOMATIC TRANSFER SWITCH EQUIPMENT

Cat<sup>®</sup> 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 480 V
- 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 – 5 seconds (P)
- Time Delay Engine Warmup – Transfer to Generator – 20 seconds (W)
- Time Delay Utility Stabilization/Retransfer to Utility – 5 minutes (T)
- Time Delay Engine Cool Down – 5 minutes (U)

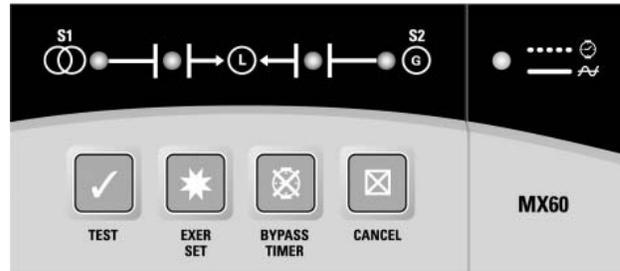
All time delays are fixed.

# AUTOMATIC TRANSFER SWITCH



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



CTX with MX-60 Microprocessor Control Panel

## TECHNICAL SPECIFICATIONS

Lug Configuration	
Amp Size	Standard Lugs
40-80	1- #8 to 3/0 AWG per pole
100-225	1- #6 to 250 MCM per pole
300-400	1- #4 to 600 MCM per pole

Dimensions In Inches (mm)		
Amp Size	NEMA 1	NEMA 3R
40-225	24" H x 18" W x 10" D	24" H x 18.5" W x 10.5" D
40-225	(610) H x (457) W x (254) D	(610) H x (470) W x (267) D
300-400	46" H x 24" W x 14" D	46" H x 24" W x 15" D
300-400	(1168) H x (610) W x (356) D	(1168) H x (610) W x (381) D

Information contained in this publication may be considered confidential. Discretion is recommended when distributing.

Materials and specifications are subject to change without notice.

CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

[www.Cat-ElectricPower.com](http://www.Cat-ElectricPower.com)