

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

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 – 480 V)
- 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

CTX SERIES AUTOMATIC TRANSFER SWITCH EQUIPMENT

Caterpillar 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.

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

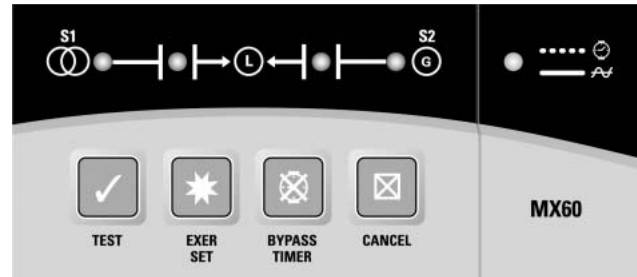


The unit is available in open type, NEMA 1 or NEMA 3R enclosures. The MX-60 control panel adds a user interface and functionality, including:

- 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

UL 1008 Withstand and Closing Ratings		
Amp Size	Coordinated Molded Case Breakers	Current Limiting Fuse*
40-225	30,000	200,000
300-400	50,000	200,000

* consult factory for application information

Dimensions		
Amp Size	NEMA 1	NEMA 3R
40-100	18 h × 18 w × 8 d	18 h × 18 w × 8 d
150-200	24 h × 18 w × 10 d	24 h × 18 w × 10 d
225	36 h × 24 w × 14 d	36 h × 24 w × 14 d
300-400	46 h × 24 w × 14 d	46 h × 24 w × 14 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, SAFETY.CAT.COM, their respective logos, "Caterpillar Yellow" and 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

© 2007 Caterpillar
All Rights Reserved.
Printed in U.S.A.