



ZTX Series Automatic Transfer Switch

GE Zenith's ZTX Series switches are built for residential and light commercial critical/non-life safety applications requiring the dependability and ease of operation found in a power contactor switch.

- Ratings 40 to 400 amps (2, 3 and 4 pole)
- UL 1008, CSA and IEC listed to 480 VAC 50/60Hz
- Double throw, mechanically interlocked contactor mechanism
- Electrically operated, mechanically held
- Designed for standby applications

GE Zenith's ZTX switches are equipped with the MX60 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.

The unit is available in open type, NEMA 1 or NEMA 3R enclosures. The MX60 control adds a user interface and functionality, including:

- Indicating LEDs for source availability and switch position.
- Pushbuttons for test, exerciser set, timer bypass and program cancel.
- Special status annunciation of in-phase transfer and timer operation.

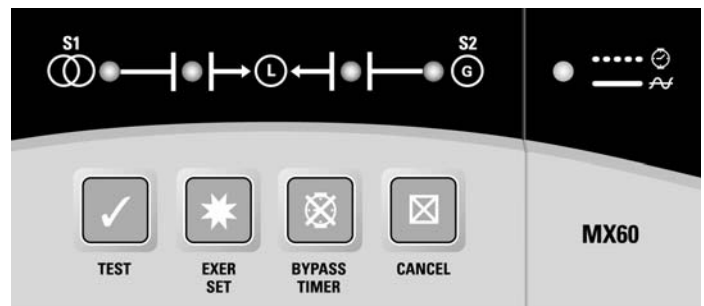


ZTX Series Residential & Light Commercial Switch with LED Control Panel (cover removed)

- 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
- B9X** 1.5 Amp/12VDC Battery Charger



MX60 Microprocessor Control Panel

Ordering Information

Z T X

Block A Base Model

Block B Ampere Size

| | |
|-----------------|-----------------|
| 0 4 40 amps | 2 0 200 amps |
| 0 8 80 amps | 2 2 225 amps |
| 1 0 100 amps | 3 0 300 amps |
| 1 5 150 amps | 4 0 400 amps |

M X 6 0

Block C Control Panel

M X 6 0

Microprocessor Control Panel
MX60

Block D Switched Poles

B

2 Poles

E

3 Poles

F

4 Poles

Block E Enclosure Type

C

NEMA 1 Enclosed

S

NEMA 3R

X

Open Style Unit

Block F Operational Voltage

0 2

120/240V 1Ø, 3 wire, 60Hz

2 1

120/208V 1Ø, 3 wire, 60Hz

0 3

240V 3Ø, 3 wire, 60Hz

3 1

208V 3Ø, 3 wire, 60Hz

3 2

220V 3Ø, 3 wire, 50Hz

3 8

120/240V 3Ø, 4 wire, 60Hz

0 4

120/208V 3Ø, 4 wire, 60Hz

4 1

127/220V 3Ø, 4 wire, 60Hz

0 5

480V 3Ø, 3 wire, 60Hz

5 1

440V 3Ø, 3 wire, 60Hz

5 2

440V 3Ø, 3 wire, 50Hz

5 3

440V 1Ø, 2 wire, 60Hz

0 7

277/480V 3Ø, 4 wire, 60Hz

0 9

240/416V 3Ø, 4 wire, 60Hz

9 1

220/380V 3Ø, 4 wire, 60Hz

9 2

220/380V 3Ø, 4 wire, 50Hz

9 3

240/416V 3Ø, 4 wire, 50Hz

Block G Accessories

Then choose additional accessories

A3/A4

Auxiliary Contacts (1 each)
Closed in Normal
and Emergency

B9X

Battery Charger
1.5 Amp / 12 VDC

**For information on ZTX
OEM plans, please
consult your GE
representative**

Technical Specifications

Lug Configuration

| Amp Size | Standard Lugs |
|----------|----------------------------|
| 40-150 | 1 - #8 to 3/0 per pole |
| 200-225 | 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 x 18 W x 8 D | 18 H x 18 W x 8 D |
| 150-200 | 24 H x 18 W x 10 D | 24 H x 18 W x 10 D |
| 225 | 36 H x 24 W x 14 D | 36 H x 24 W x 14 D |
| 300-400 | 46 H x 24 W x 14 D | 46 H x 24 W x 14 D |



Zenith Controls Product Team - General Electric Company
1 Oak Hill Center, Chicago, IL 60559 USA
773 299-6600, Fax: 630 850-6899
www.geindustrial.com

Contents contained in this document are subject to change without notice. Contact GE to verify details.