



ZTX Series Automatic Transfer Switch Equipment

GE Zenith's ZTX Series switches are built for residential and light commercial 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 R-M3 control panel (Module 3) 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 R-M4 control option (Module 4) adds a user interface and functionality, including:

- Indicating LEDs for power availability, switch position and load energized
- Pushbuttons for test, engine start (manual), generator exerciser and diagnostic reset

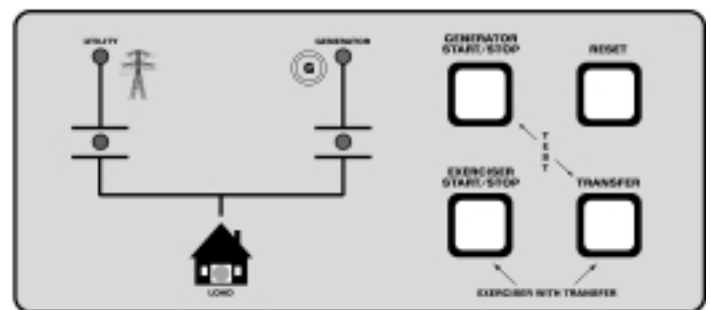


ZTX Series Light Commercial Switch with LED Control Panel (cover removed)

- Selectable 7, 14, 21 or 28 day (factory set 28 days) generator exerciser timer
- Diagnostic LED indications

Additional options include:

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



ZTX with R-M4 Microprocessor Control Panel

Ordering Information (to change)

Z T X

Block A Base Model

[] []

Block B Ampere Size

0 4 2 0
40 amps 200 amps

0 8 2 2
80 amps 225 amps

1 0 3 0
100 amps 300 amps

1 5 4 0
150 amps 400 amps

R [] [] *

Block C Control Panel

R M 3 *

Microprocessor Control Panel
Module 3 No Control Interface

R M 4 *

Microprocessor Control Panel
Module 4 with Interface

* G 0 0

Enter the "G" Option
if the Engine Crank
Limiter Option is desired

[]

Block D Switched Poles

B

2 Poles

E

3 Poles

F

4 Poles

[] []

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 E Enclosure Type

C

NEMA 1 Enclosed

S

NEMA 3R

X

Open Style Unit

[] [] []

Block G Accessories

Then choose additional accessories

A3/A4

Auxiliary Contacts (1 each)
Closed in Normal
and Emergency

Battery Charger

**For information on GE Zenith's
ZTX OEM plans, please
consult our sales department.**

Technical Specifications

Lug Configuration

Amp Size	Standard Lugs
40-150	1 - #8 to 3/0 AWG 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



GE Zenith Controls

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