GE Energy
Digital Energy

Zenith ZTX

Automatic Transfer Switch

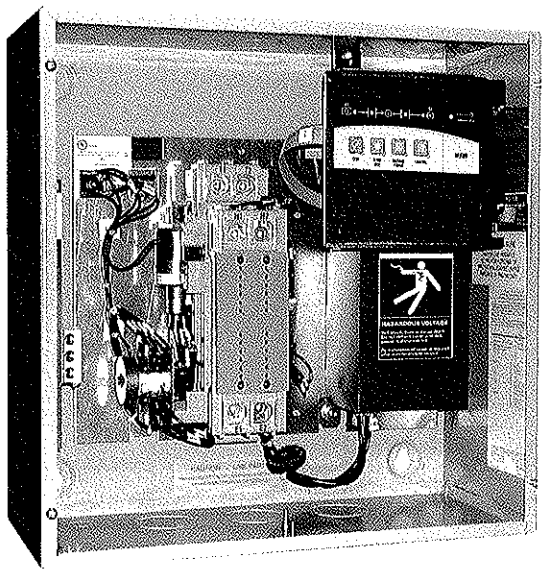
GE's Zenith ZTX Series Automatic Transfer Switches are designed for residential and light commercial critical/ non-life safety applications requiring the dependability and ease of operation found in a power contactor switch.

- Ratings 40 to 400 amps (2, 3 and 4 pole)
- UL 1008 and CSA listed
- Seismic Compliance to IEEE-693-2005 and IBC-2006
- Double throw, mechanically interlocked contactor mechanism
- Electrically operated, mechanically held
- Designed for standby applications

GE's Zenith ZTX switches are equipped with the MX60 control panel. This microprocessor control includes:

- Undervoltage sensing (90% pickup/80% dropout) of Source 1 (normal)
- Voltage and frequency sensing of Source 2 (emergency) (90% voltage/95% frequency pickup)
- Time Delay Engine Start **(P)** - 5 seconds
- Time Delay Engine Warmup **(W)** - Transfer to Emergency (Source 2) - 20 seconds
- Time Delay Utility Stabilization/Retransfer to Utility (Source 1) **(T)** - 5 minutes
- Time Delay Engine Cool Down **(U)** - 5 minutes

All time delays are fixed (non-adjustable).



Zenith ZTX Series Small Frame Residential, Commercial & Light Industrial Switch with LED Control Panel (cover removed)

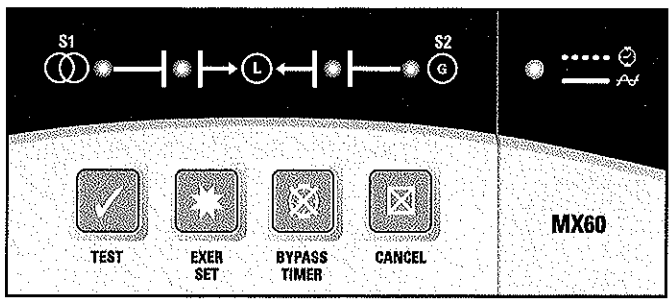
The unit is available in open type, NEMA 1 or NEMA 3R enclosures. The MX60 control adds a user interface and functionality, including:

- 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
- Selectable 7, 14, 21 or 28 day (factory set 28 days) generator (Source 2) with or without load exerciser timer
- Diagnostic LED indications in logical one-line configuration

Additional options include:

A3/A4 Auxiliary contacts (1 each) closed in Source 1 (normal) and Source 2 (emergency) positions

B9X 1.5 Amp/12 or 24 VDC Battery Charger



MX60 Microprocessor Control Panel

Ordering Information

Z	T	X	0	0	0			0					–	Z	E	C			Z	V	C			M	0	6	0
MODEL/TYPE						CONTROL PANEL		APPLICATION		AMPERE SIZE			SWITCHED POLES		ENCLOSURE TYPE				OPERATIONAL VOLTAGE					ACCESSORIES			

MODEL/TYPE
- Z T X 0 0 0 — Standard (Open Transition)

CONTROL PANEL
- M 6 — MX60 Microprocessor Control Unit
- 0 0 — No Microprocessor Control Unit

APPLICATION
- 0 — Utility - Generator

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

SWITCHED POLES
- B — 2 Poles
- E — 3 Poles
- F — 4 Poles

ENCLOSURE TYPE
- 0 1 — Type 1 Enclosure
- 3 R — Type 3R Enclosure
- 0 0 — Open Style Unit

OPERATIONAL VOLTAGE
- Consult Table Below

ACCESSORIES

Then choose additional accessories

- A3/A4 — Auxiliary Contacts (1 each) Closed in Source 1 (normal) and Source 2 (emergency)
- B9X — Battery Charger 1.5 Amp / 12 or 24 VDC

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

Example

ZTX000M60010E-ZEC01ZVC50M060

This number string shows the correct format for a ZTX Model Automatic Transfer Switch with MX60 microprocessor control unit, Utility - Generator, 100 amps, 3 pole, NEMA Type 1 enclosure, 480V 3ϕ, 3 wire, 60 Hz system with the standard group of accessories.

Technical Specifications

Lug Configuration			
Amp Size	**Qty Per Phase and Neutral**	**Size**	
40 - 80	1	#8 to 3/0	8 to 85 mm²
100 - 225	1	#6 to 250 MCM	13 to 127 mm²
300 - 400	1	#4 to 600 MCM	21 to 304 mm²

		Dimensions inches (mm)						Weight lbs. (kg)	
Ampere Rating	**Poles**	NEMA 1			NEMA 3R			**Open Style**	**NEMA 1**
		H	**W**	**D**	**H**	**W**	**D**		
40 - 225	2, 3	24 (610)	18 (457)	10 (254)	24 (610)	18.5 (470)	10.5 (267)	12 (5.4)	67 (30.4)
	4							18 (8.2)	73 (33.1)
300 - 400	2, 3	46 (1168)	24 (610)	14 (356)	46 (1168)	24 (610)	15 (381)	59 (26.8)	168 (76.2)
	4							70 (31.8)	180 (81.7)

UL 1008 Withstand and Closing Ratings

Please refer to GE Publication TB-1102.

Assembled in the USA

c UL us LISTED

ISO 9001:2008 CERTIFIED

	Voltage / Phase / Config / Hz
10	120V, 1PH, 2W, 60HZ
12	120V, 3PH, 3W, 60HZ
20	120/240V, 1PH, 3W, 60HZ
22	110/120V, 1PH, 3W, 50HZ
24	220V, 1PH, 2W, 50HZ
25	240V, 1PH, 2W, 50HZ
26	208V, 1PH, 2W, 60HZ
30	240V, 3PH, 3W, 60HZ
31	208V, 3PH, 3W, 60HZ
32	220V, 3PH, 3W, 50HZ
35	139/240V, 3PH, 4W, 60HZ
38	120/240V, 3PH, 4W, 60HZ
39	220V, 3PH, 3W, 60HZ
40	120/208V, 3PH, 4W, 60HZ
41	127/220V, 3PH, 4W, 60HZ
42	127/220V, 3PH, 4W, 50HZ
46	120/208V, 3PH, 4W, 50HZ
50	480V, 3PH, 3W, 60HZ
51	440V, 3PH, 3W, 60HZ
52	440V, 3PH, 3W, 50HZ
53	440V, 1PH, 2W, 60HZ
54	480V, 3PH, 3W, 50HZ
57	480V, 1PH, 2W, 60HZ
58	254/440V, 3PH, 4W, 60HZ
59	254/440V, 3PH, 4W, 50HZ
70	277/480V, 3PH, 4W, 60HZ
82	380V, 1PH, 2W, 50HZ
90	240/416V, 3PH, 4W, 60HZ
91	220/380V, 3PH, 4W, 60HZ
92	220/380V, 3PH, 4W, 50HZ
93	240/416V, 3PH, 4W, 50HZ
96	416V, 3PH, 3W, 60HZ
97	380V, 3PH, 3W, 60HZ
98	380V, 3PH, 3W, 50HZ
99	416V, 3PH, 3W, 50HZ

imagination at work

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Information subject to change without notice. Please verify all details with GE.
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