

DIMENSIONAL DRAWINGS – ZTG(D) SERIES

MODEL	AMPERE	OPEN	NEMA TYPE		
			1	3R, 4, 12	4X
ZTG	40-260	52C-2004	52C-1035	52C-1035	52C-1035
ZTG	400	52C-2013	52C-1035	52C-1035	52C-1035
ZTG	600	58C-1016	52C-1035	52C-1035	52C-1035
ZTG	800	52C-2014	52C-1035	52C-1035	52C-1035
ZTG	1000-1200	52C-2003	52C-1000	52C-1001	52C-1002
ZTG	1600-2000	52C-2009	52C-1004	52C-1005	52C-1006
ZTG	2600	52C-2011	52C-1004	52C-1005	52C-1006
ZTG	3000	52C-2011	52C-1004	52C-1005	-
ZTGD	40-400	58C-1010	52C-1035	52C-1035	52C-1035
ZTGD	600	58C-1017	52C-1035	52C-1035	52C-1035
ZTGD	800	52C-2015	52C-1035	52C-1035	52C-1035
ZTGD	1000-1200	52C-2008	52C-1000	52C-1001	52C-1002
ZTGD	1600-2000	52C-2010	52C-1004	52C-1005	52C-1006
ZTGD	2600	52C-2012	52C-1004	52C-1005	52C-1006
ZTGD	3000	52C-2012	52C-1004	52C-1005	-

* SEE NOTE 1

* SEE NOTE 2

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
W	S-8949 REVISED ZTGSE PART#	04/05/10	YP MAS

STANDARD DRAWINGS – ZTG(D) SERIES

ZTG(D) TRANSFER SWITCH AMPERAGE	LEGEND & OPERATION ACCESSORIES	POWER CIRCUIT & LAYOUT (3 & 4 POLE)	POWER CIRCUIT & LAYOUT (2 POLE)	MX150 DOOR VIEW	POWER CIRCUIT & LAYOUT (INVERTED STYLE)	
					3, 4 POLE	2 POLE
40-260	70A-0900	70A-1000	70A-1001	70A-0500	-	-
400-600	70A-0900	70A-2000	70A-2001	70A-0500	-	-
800-1200	70A-0900	70A-3000	70A-3001	70A-0500	70A-3002	70A-3003
1600-3000	70A-0900	70A-4000	-	70A-0500	70A-4002	-
(D) 40-600	70A-0900D	70A-5000	70A-5001	70A-0500	-	-
(D) 800-1200	70A-0900D	70A-6000	-	70A-0500	70A-6002	70A-6003
(D) 1600-3000	70A-0900D	70A-6000	70A-6001	70A-0500	70A-6002	-

STANDARD DRAWINGS – SERVICE ENTRANCE ZTG(D)SE SERIES

ZTG(D)SE TRANSFER SWITCH AMPERAGE	LEGEND & OPERATION ACCESSORIES & POWER CIRCUIT & LAYOUT (3 & 4 POLE)	LEGEND & OPERATION ACCESSORIES & POWER CIRCUIT & LAYOUT (2 POLE)
40-260	80A-1000	80A-1001
400-600	80A-2000	80A-2001
800	80A-3000	80A-3001
(D) 40-600	82A-1000	82A-1001
(D) 800	82A-2000	82A-2001

DIMENSIONAL DRAWINGS – SERVICE ENTRANCE ZTGSE SERIES

AMPERAGE	POLE	NEMA 1	NEMA 3R
40-400	2, 3 & 4	50C-4232	50C-4233
600	2, 3 & 4	50C-4234	50C-4235
800	2, 3 & 4	50C-4236	50C-4237
1000-1200	3	50C-4220	50C-4222
	4	50C-4221	50C-4223
1600-2000	3	50C-4224	50C-4226
	4	50C-4225	50C-4227
2600-3000	3	50C-4228	50C-4230
	4	50C-4229	50C-4231

DIMENSIONAL DRAWINGS – SERVICE ENTRANCE ZTGDSE SERIES


AMPERAGE	POLE	NEMA 1	NEMA 3R
40-400	2, 3 & 4	50C-4232	50C-4233
600	2, 3 & 4	50C-4234	50C-4235
800	2, 3 & 4	50C-4236	50C-4237
1000-1200	3	50C-4220	50C-4222
	4	50C-4221	50C-4223
1600-2000	3	50C-4224	50C-4226
	4	50C-4225	50C-4227
2600-3000	3	50C-4228	50C-4230
	4	50C-4229	50C-4231

OPERATION AND MAINTENANCE MANUALS:
ZTG(D)(SE)...70R-1000
MX150.....70R-2000

NOTE :

- FOR 260A 600V ZTG SWITCH ORDER, UTILIZE THE 260A ZTS SWITCH AND RESPECTED DRAWING
- FOR 600A 600V ZTG SWITCH ORDER, UTILIZE THE 600A ZTS SWITCH AND RESPECTED DRAWING

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SIGNATURES		DATE		 GE Zenith Controls	
MODEL MAS		06/28/05			
DETAIL				TITLE	
CHECKED				ATS STANDARD DWG'S	
ENGRG				MX150	
MFG				FIRST MADE FOR: ZTG(D)(SE)	
QUALITY				SIZE CAGE CODE DWG NO	
ISSUED				B - 0-4051	
DRAWING FILE: o-4051-w-1.dwg				SCALE: -	
MODEL / ASSEMBLY FILE: ZTG(D)(SE)				SHEET 1 OF 4	
# CTQs		⊖ CRITICAL TO QUALITY CHARACTERISTIC			

AutoCad Generated

NOTES:

- (1) Delayed Transitions Models only.
- (2) Not available on Delayed Transition Models.
- (4) Optional 40-600 Amp, Standard otherwise.
- (5) Three Phase Systems only.

OPERATION & MAINTENANCE MANUALS:

MX150 70R-2000 (Addendum 70R-1022)
 ZTG/ZTGD 70R-1000 (Addendum 70R-1022)

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
W	S-8949 REVISE ZTGSE PART#	04/05/10	YP MAS

MX150 OPTIONS NOT REQUIRING SPECIAL PRINTS

			GROUP OPTION PACKAGES					
			ZTG & ZTGD			ZTGSE & ZTGDSE		
OPTIONS	NOTE	DESCRIPTION	DRAWING NUMBERS	MSTDG	MEXEG	MANUAL	MSTDG	MEXEG
			OPTION PACKAGE DWGS	N/A	N/A	70R-1029	N/A	N/A
[6]		Test switch, Momentary	N/A	STD	STD	STD	STD	STD
6AP		Test switch, Maintenance/Momentary	N/A	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
A3		Auxiliary contact, closed when the switch is in Source 2 position	N/A	(1) STD	(2) STD	(1) STD	(1) STD	(2) STD
A4		Auxiliary contact, closed when the switch is in Source 1 position	N/A	(1) STD	(2) STD	(1) STD	(1) STD	(2) STD
Calibrate		Calibrate Source 1 & Source 2	N/A	STD	STD	STD	STD	STD
CDP		Clock Exerciser, Load / No-Load	N/A	N/A	STD	N/A	N/A	STD
CDT		Timer Exerciser, Load	N/A	STD	N/A	N/A	STD	N/A
DS	4	Disconnect switch, Auto / Inhibit	N/A	STD	STD	STD	STD	STD
DT	1	Timer, Time Delay from Neutral to Source 1 position	N/A	STD	STD	STD	STD	STD
DW	1	Timer, Time Delay from Neutral to Source 2 position	N/A	STD	STD	STD	STD	STD
E		Engine Start Contact	N/A	STD	STD	N/A	STD	STD
EL/P		Event Log and System Data	N/A	STD	STD	STD	STD	STD
J1E		Source 2, Under Frequency Sensing	N/A	STD	STD	STD	STD	STD
KP		Frequency Indication	N/A	STD	STD	STD	STD	STD
L1		Source 2 Position, LED Indicator	N/A	STD	STD	STD	STD	STD
L2		Source 1 Position, LED Indicator	N/A	STD	STD	STD	STD	STD
L3		Source 1 Available, LED Indicator	N/A	STD	STD	STD	STD	STD
L4		Source 2 Available, LED Indicator	N/A	STD	STD	STD	STD	STD
LNP	1	Center-Off Mid-Position, Indicator	N/A	STD	STD	STD	STD	STD
N1P		Running Time / Source 2 Available Indicator	N/A	STD	STD	STD	STD	STD
N2P		Operation Counter / Life Transfers Indicator	N/A	STD	STD	STD	STD	STD
P1		Timer, Time Delay Source 2 Start	N/A	STD	STD	N/A	STD	STD
Q2		Remote Peak Shave, Area protection, Test circuit	N/A	STD	STD	N/A	STD	STD
NONE		Source 1, Under Voltage Sensing	N/A	STD	STD	STD	STD	STD
R2E, R6		Source 2, Under Voltage Sensing	N/A	STD	STD	STD	STD	STD
R50	2	In Phase Monitor	N/A	STD	STD	STD	STD	STD
S13		Commit / No-Commit transfer to Source 2	N/A	STD	STD	STD	STD	STD
T		Timer, Time Delay Source 1 stable	N/A	STD	STD	N/A	STD	STD
U		Timer, Source 2 Stop Delay	N/A	STD	STD	STD	STD	STD
VI	5	Voltage Imbalance Sensing	N/A	OPTIONAL	STD	OPTIONAL	OPTIONAL	STD
W		Timer, Time Delay Source 2 stable	N/A	STD	STD	N/A	STD	STD
YEN		Pushbutton, Bypass T and W Timers	N/A	STD	STD	STD	STD	STD

FOR ADDITIONAL INFO REFER TO	SIGNATURES	DATE
APPLIED PRACTICES	MODEL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DETAIL	
TOLERANCES ON:	CHECKED	
2 PL. DECIMALS ± .020	ENGRG FS	06/25/03
3 PL. DECIMALS ± .005	MFG	
ANGLES ± 1°	QUALITY	
FRACTIONS ± 1/64	ISSUED	
FINISH	DRAWING FILE: o-4051-w-2.dwg	
✓	MODEL / ASSEMBLY FILE: MX150	
AutoCad Generated	# CTQs	⊖ CRITICAL TO QUALITY CHARACTERISTIC

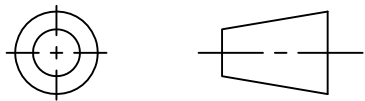
GE Zenith Controls

TITLE: MX150 ATS
STANDARD OPTION DRAWINGS

FIRST MADE FOR: SIZE B CAGE CODE DWG NO 0-4051

SCALE: N/A SHEET 2 OF 4

THIRD ANGLE PROJECTION



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
W	S-8949 REVISED ZTGSE PART#	04/05/10	YP MAS

NOTES:

- (3) Use if more than (3)A3 and/or (3)A4 are required.
- (6) See prints applicable to Service Entrance series.

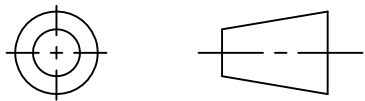
OPERATION & MAINTENANCE MANUALS:

- MX150 70R-2000 (Addendum 70R-1022)
- ZTG/ZTGD 70R-1000 (Addendum 70R-1022)

MX150 OPTIONS REQUIRING 70R-SERIES PRINTS

			GROUP OPTION PACKAGES					
			ZTG & ZTGD			ZTGSE & ZTGDSE		
OPTIONS	NOTE	DESCRIPTION	DRAWING NUMBERS	MSTDG	MEXEG	MANUAL	MSTDG	MEXEG
			OPTION PACKAGE DWGS	#N/A	#N/A	70R-1029	#N/A	#N/A
6A		Test switch, maintenance Auto/ Momentary Test, Door Mount	70R-1023	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
A1		Auxiliary contact, operates on Source 1 line failure	70R-1024	OPTIONAL	STD	OPTIONAL	OPTIONAL	(2) STD
A1E		Auxiliary contact, operates on Source 2 line failure	70R-1024	OPTIONAL	STD	OPTIONAL	OPTIONAL	(2) STD
(4)A3, (4)A4	3	Additional A3 and A4 Auxiliary contacts utilizing relays	70R-1011	OPTIONAL	OPTIONAL	OPTIONAL	(2) OPTIONAL	(2) OPTIONAL
A62		Sequential Universal Motor Load Disconnect Circuit	70R-1025	(2) OPTIONAL	(2) OPTIONAL	(2) OPTIONAL	(2) OPTIONAL	(2) OPTIONAL
BCI		Battery Charger Internal	70R-1043	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
CTAP		Alarm panel, transfer to Source 2 with silence button	70R-1005	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
F		Fan contact, operates when the Generator is running	70R-1024	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
HT & TH	6	Heater and Thermostat	70R-1016	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
M90		EPM 2000 Digital Monitor	70R-1045	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
M91		EPM 6000 Digital Monitor	70R-1046	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
OCVR-IS		Clear Cover	70R-1013	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
OCVR-2L		Clear Cover	70R-1014	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
T3/W3		Elevator Pre-Signal Auxiliary Contacts	70R-1003	(2) OPTIONAL	(2) OPTIONAL	(2) OPTIONAL	(2) OPTIONAL	(2) OPTIONAL
UMD		Universal Motor Load Disconnect Circuit	70R-1004	(2) OPTIONAL	(2) OPTIONAL	(2) OPTIONAL	(2) OPTIONAL	(2) OPTIONAL
ZNET		Network Communications Interface Card	70R-1017	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL

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FOR ADDITIONAL INFO REFER TO	SIGNATURES	DATE
APPLIED PRACTICES	MODEL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DETAIL	
TOLERANCES ON:	CHECKED	
2 PL. DECIMALS ± .020	ENGRG FS	06/25/03
3 PL. DECIMALS ± .005	MFG	
ANGLES ± 1°	QUALITY	
FRACTIONS ± 1/64	ISSUED	
FINISH	DRAWING FILE: o-4051-w-3.dwg	
✓	MODEL / ASSEMBLY FILE: MX150	
AutoCad Generated	# CTQs	⊖ CRITICAL TO QUALITY CHARACTERISTIC



GE Zenith Controls


TITLE
MX150 ATS
STANDARD OPTION DRAWING

FIRST MADE FOR:	SIZE	CAGE CODE	DWG NO
	B		0-4051
SCALE: N/A	SHEET		3 OF 4

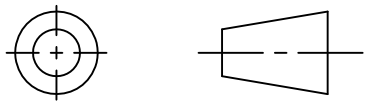
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
W	S-8949 REVISED ZTGSE PART#	04/05/10	YP MAS

APPLICABLE TO SERVICE ENTRANCE SERIES ONLY
MX150 OPTIONS REQUIRING 70R-SERIES PRINTS

OPTIONS	NOTE	DESCRIPTION	DRAWING NUMBERS OPTION PACKAGE DWGS	GROUP OPTION PACKAGES	
				ZTGSE & ZTGDSE	
				MSTDG #N/A	MEXEG #N/A
BB		C/B Auxiliary contacts	70R-1039	OPTIONAL	OPTIONAL
BC		Battery Charger	70R-1034	OPTIONAL	OPTIONAL
GFP		Ground Fault Protection	70R-1031	OPTIONAL	OPTIONAL
HT		Heater & Thermostat	70R-1035	OPTIONAL	OPTIONAL
LC		Load Center	70R-1036	OPTIONAL	OPTIONAL
M90		EPM 2000 Digital Monitor	70R-1045	OPTIONAL	OPTIONAL
M91		EPM 6000 Digital Monitor	70R-1046	OPTIONAL	OPTIONAL
STS		Remote Shunt Trip Selector	70R-1030	OPTIONAL	OPTIONAL
TVSS		Transient Voltage Surge Suppressors	70R-1032	OPTIONAL	OPTIONAL

FOR ADDITIONAL INFO REFER TO	SIGNATURES	DATE	 GE Zenith Controls		
APPLIED PRACTICES	MODEL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DETAIL		MX150 ATS STANDARD OPTION DRAWINGS		
TOLERANCES ON:	CHECKED		FIRST MADE FOR:		
2 PL. DECIMALS ± .020	ENGRG FS	06/25/03	SIZE	CAGE CODE	DWG NO
3 PL. DECIMALS ± .005	MFG		B		0-4051
ANGLES ± 1°	QUALITY		SCALE: N/A		
FRACTIONS ± 1/64	ISSUED		SHEET 4 OF 4		
FINISH ✓	DRAWING FILE: o-4051-w-4.dwg				
	MODEL / ASSEMBLY FILE: MX150				
AutoCad Generated	# CTQs	⊖ CRITICAL TO QUALITY CHARACTERISTIC			

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