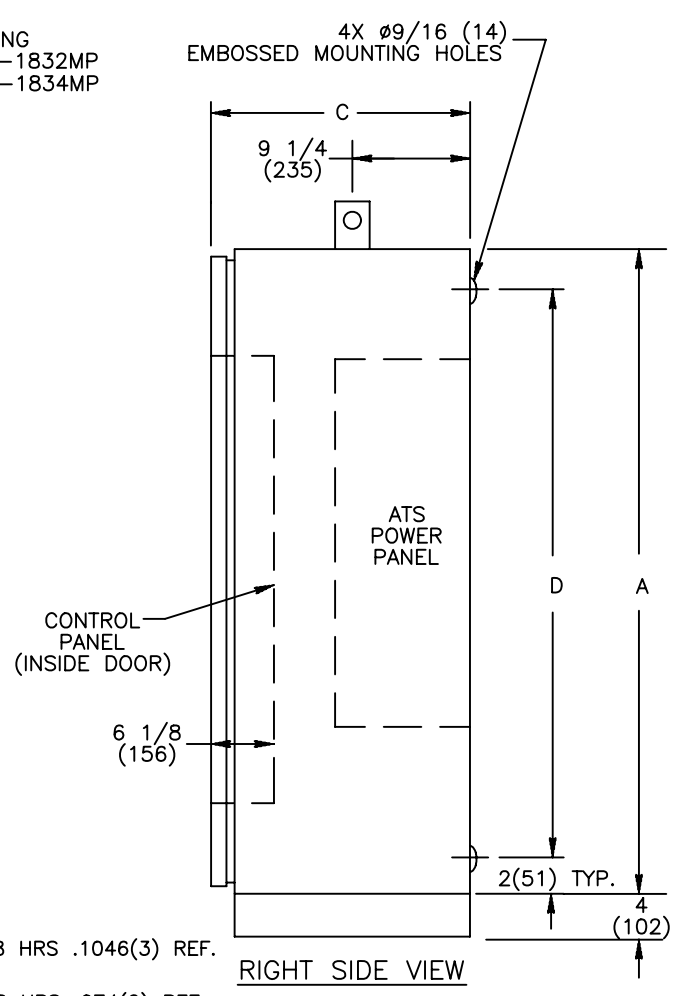
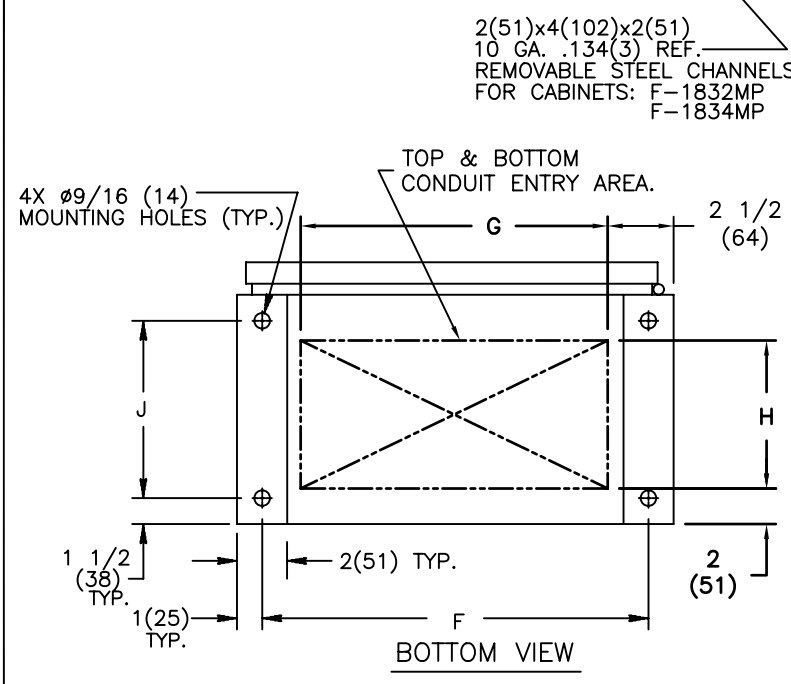


NOTES:

- MATERIAL:
 - A. 12 GA. 1018 HRS .1046(3) REF. (F-1834MP)
 - B. 14 GA. 1018 HRS .074(2) REF. (F-1830MP, F-1832MP)
 - C. 16 GA. 1018 HRS .0598(1.5) REF. (F-1828MP) UNLESS OTHERWISE NOTED.
- FINISH: ANSI 61 GREY
- ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SHOWN IN INCHES(MILLIMETERS).
- CONSTRUCTION PER UL 1008
- A ZTG 40A-225A WHEN ORDERED WITH THE FOLLOWING OPTIONS WILL REQUIRE A LARGER ENCLOSURE OF 46"H X 24"W X 14"D: A62(T), DIGITAL METER, HT, OCVR-1SG, OCVR-1SS.
- FOR SEISMIC MOUNTING, REFER TO SHEET NO.6.

CABINET DIMENSIONS									
CABINET	A	B	C	D	E	F	G	H	J
F-1830MP	46 (1168)	24 (610)	14 (356)	42 (1067)	20 (508)	--	19 (483)	6 (152)	--
F-1832MP	62 (1575)	40 (1016)	19 1/2 (495)	58 (1473)	20 (508)	22 (559)	22 (559)	11 (279)	15 1/2 (394)
F-1834MP	70 (1778)	40 (1016)	19 1/2 (495)	66 (1676)	36 (914)	38 (965)	35 (889)	4 (102)	--
F-1828MP	24 (610)	18 (457)	11 (279)	20 (508)	16 (406)	--	13 (330)	4 (102)	--



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
V	S-8720 REVISED DRAWING	12/05/07	CEE MAS

MODEL	AMPERAGE	NO. POLES	NEMA CABINET	LUG RANGE	WIRE BENDING SPACE		WIRE GUTTERS				
					P(TOP)	R(BOTTOM)	S(LEFT)	T(RIGHT)			
ZTG	40-150	2,3	F-1828MP	#8-3/0 (8-85mm ²)	7 (178)	8 (203)	3 1/2 (89)	5 7/8 (149)			
		4						4 1/2 (114)			
	200	2,3		#6-250 MCM (13-127mm ²)	14 3/4 (375)	14 5/8 (371)	4 7/8 (124)	7 5/8 (194)	8 7/8 (225)		
		4							7 1/2 (191)		
	225, 260	2		#6-350 MCM (13-177mm ²)	14 3/4 (375)	14 5/8 (371)	4 7/8 (124)	7 5/8 (194)	5 9/16 (141)		
										3	4 5/8 (117)
		4		#4-600 MCM (21-304mm ²)	14 3/4 (375)	14 5/8 (371)	4 7/8 (124)	7 5/8 (194)	5 9/16 (141)		
										3	4 5/8 (117)
	600	2		F-1832MP	(QTY 2) #2-600 MCM (33-304mm ²)	15 (381)	18 (457)	9 7/8 (251)	2 7/16 (62)		
									3	8 (203)	
									4	6 1/16 (154)	
	800	2,3		F-1834MP	(QTY 4) #2-600 MCM (33-304mm ²)	18 1/2 (470)	18 (457)	17 1/8 (435)	1 1/8 (29)		
4			10 3/4 (273)								
ZTGD	40-80	2	F-1830MP	#8-3/0 (8-85mm ²)	14 3/4 (375)	14 5/8 (371)	4 7/8 (124)	7 5/8 (194)			
								3	4 5/8 (117)	5 9/16 (141)	
											4
	100-400	2		F-1830MP	#4-600 MCM (21-304mm ²)	14 3/4 (375)	14 5/8 (371)	4 7/8 (124)	7 5/8 (194)		
									3	4 5/8 (117)	5 9/16 (141)
	600	2		F-1832MP	(QTY 2) #2-600 MCM (33-304mm ²)	15 (381)	18 (457)	9 7/8 (251)	2 7/16 (62)		
									3	8 (203)	6 1/16 (154)
	800	2,3		F-1834MP	(QTY 4) #2-600 MCM (33-304mm ²)	18 1/2 (470)	18 (457)	17 1/8 (435)	1 1/8 (29)		
									4	10 3/4 (273)	

SIGNATURES		DATE
MODEL	EC	11/01/00
DETAIL		
CHECKED		
ENGRG	SB	11/01/00
MFG		
QUALITY		
ISSUED		
DRAWING FILE:	52c-1035-v-1.dwg	
MODEL / ASSEMBLY FILE:	ZTG(D) (40-800A)	
# CTQs	⊖	CRITICAL TO QUALITY CHARACTERISTIC

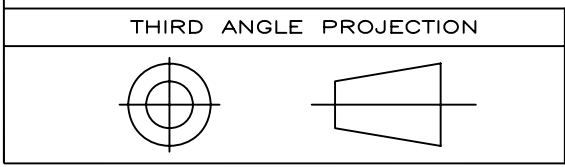
GE Zenith Controls

TITLE: TRANSFER SWITCHES NEMA 1 ENCLOSURE

FIRST MADE FOR: -

SIZE: B CAGE CODE: DWG NO: 52C-1035

SCALE: N/A SHEET 1 OF 6



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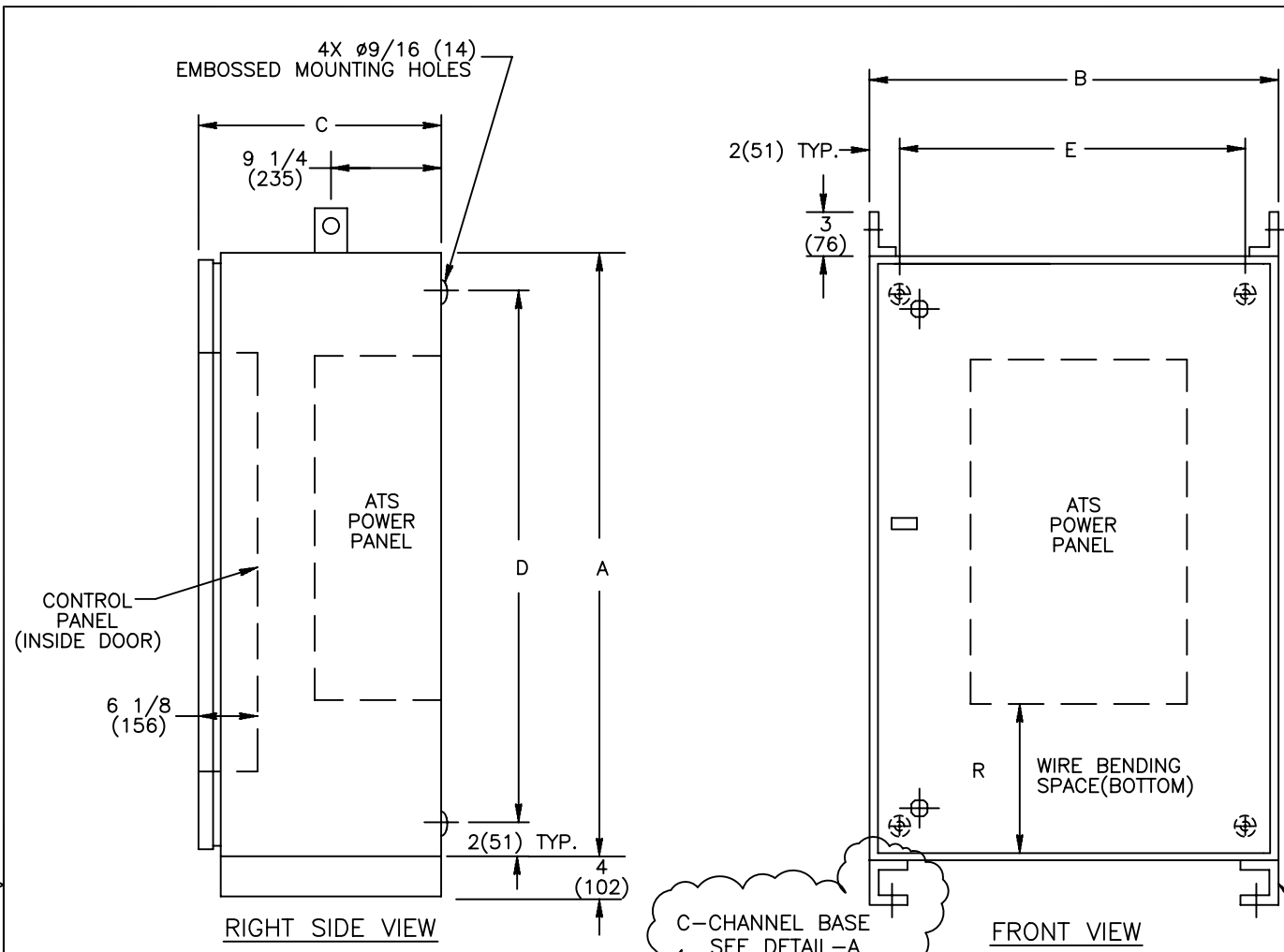
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
V	S-8720 ESTABLISHED DRAWING	12/05/07	CEE MAS

NOTES:

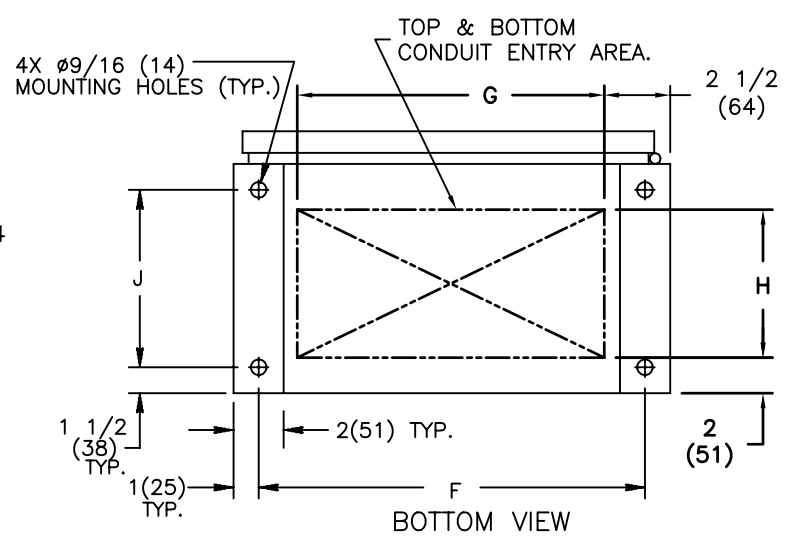
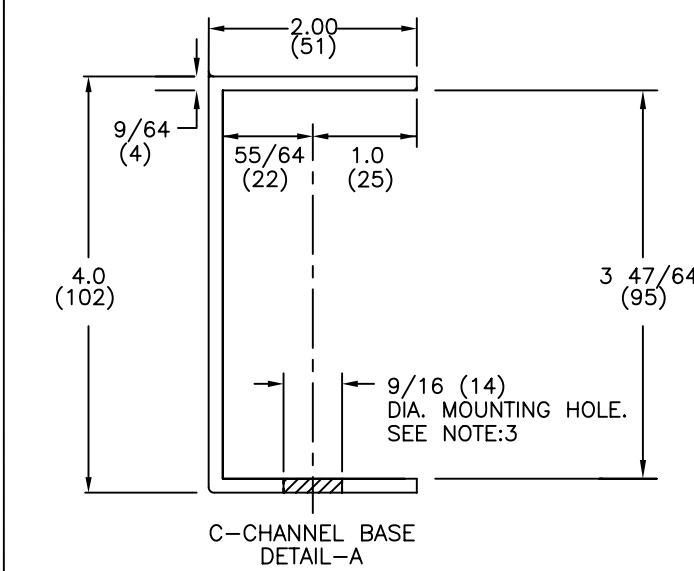
- ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SHOWN IN INCHES (MILLIMETERS).
- SEISMIC DATA OF MOST VULNERABLE ATS CONSTRUCTION WITHIN ITS PLATFORM:

MAXIMUM DEFLECTION AT TOP OF GEAR:	d _{ss} =0.69 INCHES (18 mm)
	d _{fb} =0.21 INCHES (5 mm)
QUALIFIED BY:	TIME HISTORY SHAKE TABLE TEST
	IEEE-693-2005-HIGHx2.5 (64 mm)
	IBC-2003-300%G
RESONANCE FREQUENCIES:	f _{ss} =10.9 Hz
	f _{fb} =19.5 Hz
	f _v >33.0 Hz
MAXIMUM REACTION TO ANY BOLT:	V _{ss} =945 LBS (430 KG) SHEAR
	(DEAD LOAD +/- SEISMIC)
	V _{fb} =945 LBS (430 KG) SHEAR
	T _v =1872 LBS (851 KG) UP
	P _v =2613 LBS (1188 KG) DOWN
- BOLT ENCLOSURE FROM C-CHANNEL BASE (SEE DETAIL A) USING THE FOLLOWING SEISMIC CERTIFIED MOUNTING HARDWARE PER MOUNTING HOLE:
 - 1/2-13 GRADE 5 BOLT TORQUE TO 15 FT-LBS. (95 NEWTON METERS).
 - US STANDARD HIGH STRENGTH ZINC-PLATED FLAT WASHER 5/8 (16) I.D. AND 1-1/2 (38) O.D.
 - 1/2 (13) HELICAL SPRING LOCK WASHER.



C-CHANNEL BASE
SEE DETAIL-A

2(51)x4(102)x2(51)
10 GA. .134(3) REF.
REMOVABLE STEEL CHANNELS
FOR CABINETS: F-1832MP
F-1834MP



MODEL	AMPERAGE	NO. POLES	NEMA CABINET	
ZTG	40-150	2, 3	F-1828MP	
		4		
	200	2, 3		
		4		
	225, 260	2		F-1830MP
		3		
400	4			
	2			
600	3	F-1832MP		
	4			
800	2, 3	F-1834MP		
	4			
ZTGD	40-80	2	F-1830MP	
		3		
		4		
	100-400	2		
		3		
		4		
600	2	F-1832MP		
	3			
800	2, 3	F-1834MP		
	4			

CABINET DIMENSIONS									
CABINET	A	B	C	D	E	F	G	H	J
F-1830MP	46 (1168)	24 (610)	14 (356)	42 (1067)	20 (508)	--	19 (483)	6 (152)	--
F-1832MP	62 (1575)	40 (1016)	19 1/2 (495)	58 (1473)	20 (508)	22 (559)	35 (889)	11 (279)	15 1/2 (394)
F-1834MP	70 (1778)	40 (1016)	19 1/2 (495)	66 (1676)	36 (914)	38 (965)	35 (889)	11 (279)	15 1/2 (394)
F-1828MP	24 (610)	18 (457)	11 (279)	20 (508)	16 (406)	--	13 (330)	4 (102)	--

SIGNATURES	DATE
MODEL EC	11/01/00
DETAIL	
CHECKED	
ENGRG CEE	1/26/07
MFG	
QUALITY	
ISSUED	
DRAWING FILE: 52c-1035-v-6.dwg	
MODEL / ASSEMBLY FILE: ZTG(D) (600-800A)	
# CTQs	

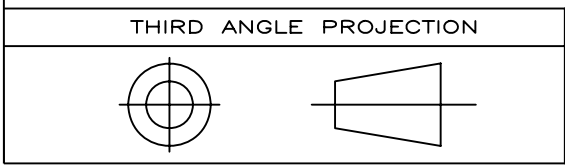
GE Zenith Controls

TITLE: NEMA 1 ENCLOSURE SEISMIC MTG. DETAIL

FIRST MADE FOR: -

SIZE: B CAGE CODE: DWG NO: 52C-1035

SCALE: N/A SHEET 6 OF 6



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