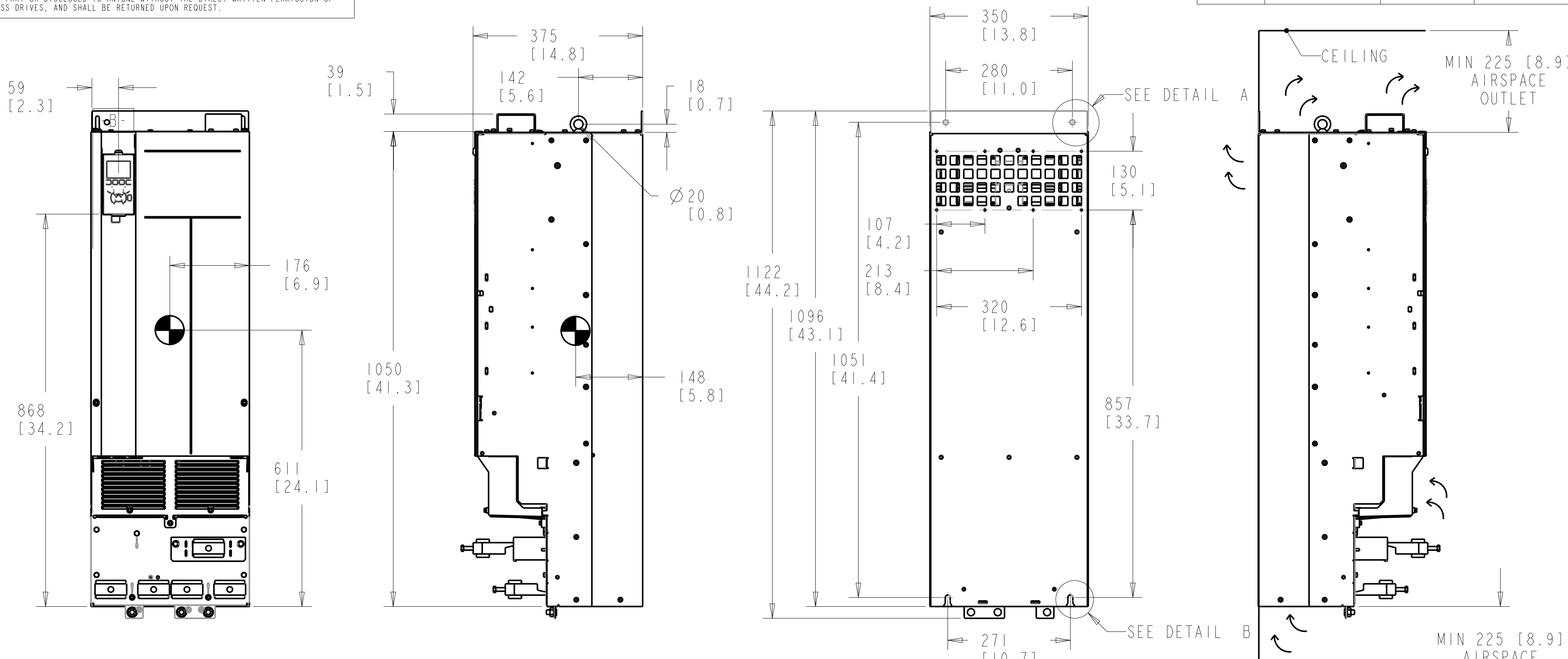


- NOTICE -

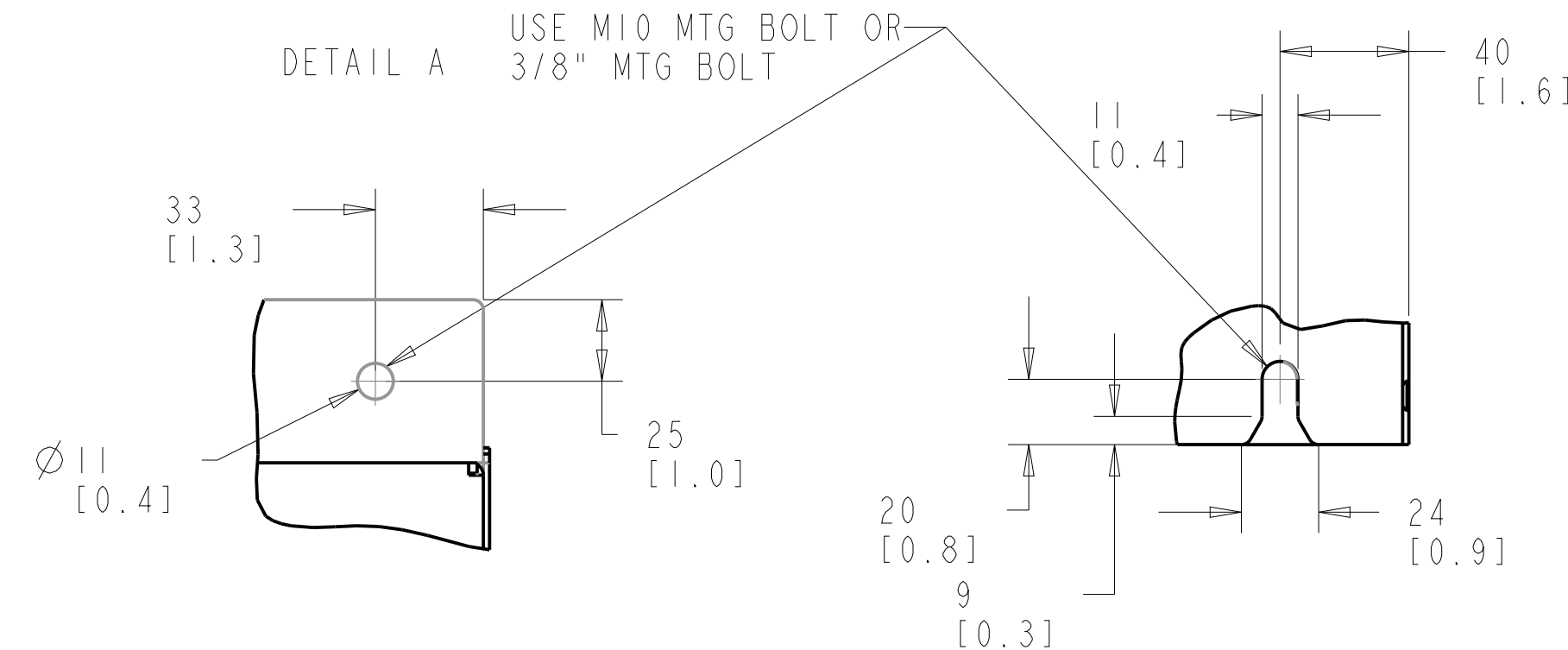
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES. IT IS LOANED BY DANFOSS DRIVES SUBJECT TO THE CONDITIONS THAT IT AND THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD AND REFERENCE PURPOSES. SHALL NOT BE USED OR CAUSED TO BE USED IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES. SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR DISCLOSED TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES, AND SHALL BE RETURNED UPON REQUEST.

REVISION HISTORY

REV	ECN NUMBER	ENTRY BY	DATE
001	INITIAL RELEASE	PK	01/25/12
002	HP12218	KD	11/21/12



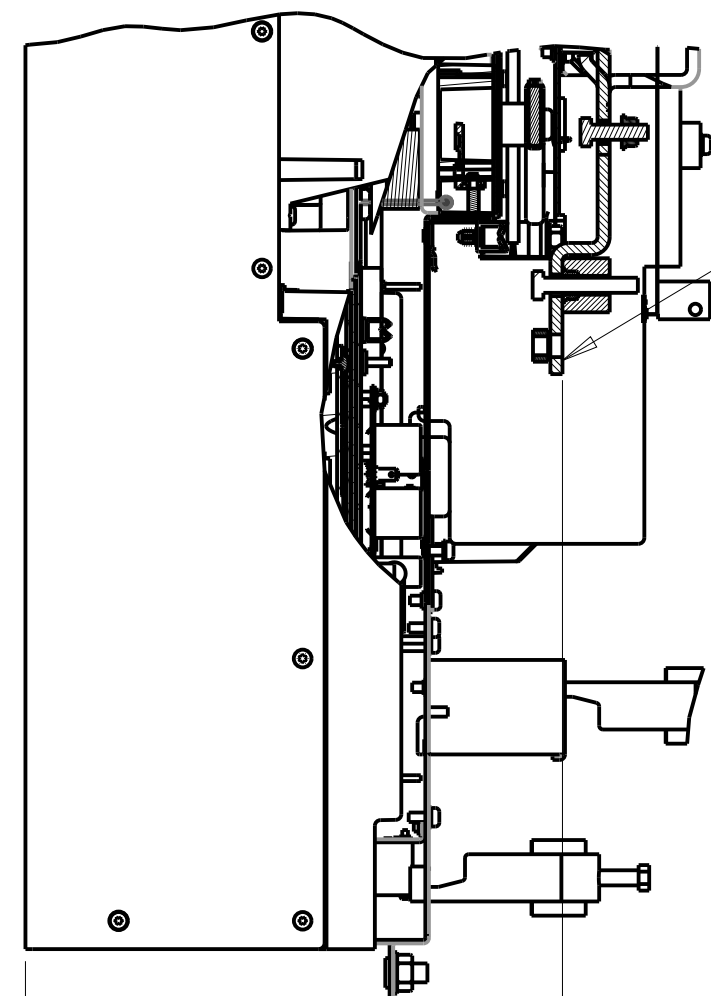
DETAIL A USE M10 MTG BOLT OR 3/8" MTG BOLT



1. MAX AIRFLOW (BACKCHANNEL) - 14 M³/MIN (500 CFM)
2. MAX AIRFLOW (CABINET) - 3.4 M³/MIN (120 CFM)
3. MAX WEIGHT = 125 KG (275 LBS)
4. CENTER OF GRAVITY:
APPROXIMATE LOCATION ONLY, LOCATION MAY VARY BASED ON POWER RATING AND OPTIONS ORDERED.

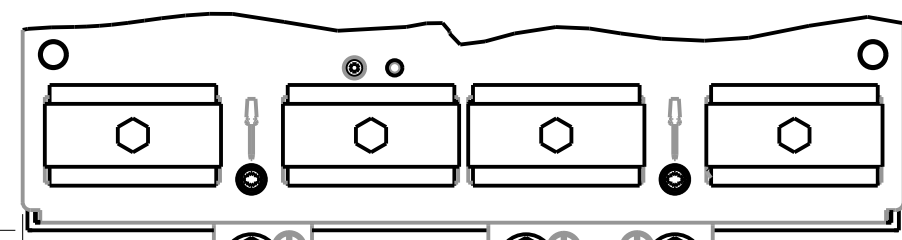
UNLESS OTHERWISE SPECIFIED INTERPRET DIM AND TOL PER ASME Y14.5M-1994		PROPERTIES		TITLE	
.X±1.0	.XX±0.01	MATERIAL	N/A	 4401 N. BELL SCHOOL RD. - LOVES PARK, ILLINOIS 61111 USA (815) 639-8600 FAX (815) 639-8000	
		FINISH	N/A		
		THICKNESS	N/A		
DIM. ARE IN MILLIMETERS WEIGHTS ARE IN KILOGRAMS		EST. WEIGHT	125	INSTALLATION DRAWING, D4H, 1P20/CHASSIS	
THIRD ANGLE PROJECTION		APPROVALS	INITIALS	DATE	REV
		DRAWN	CCN	06/16/11	002
		CHECKED			
		ENGR			
		SIZE	C	MODEL	
		SCALE	0.150	DRAWING NO.	177R0340
				SHEET	1 OF 4

SECTION A-A
MAINS TERMINALS



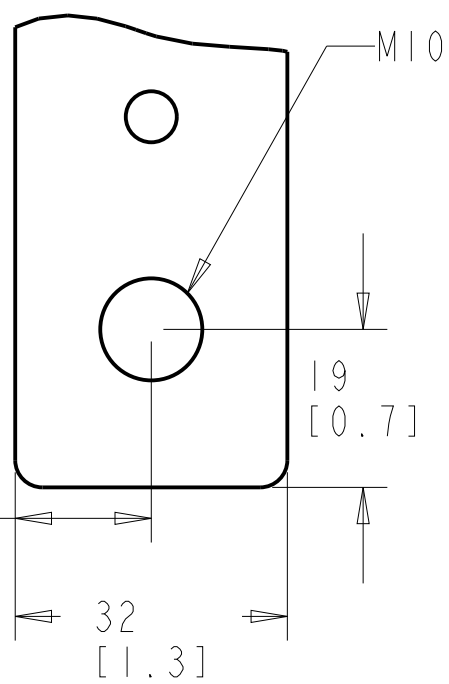
0 [0.0]
284 [11.2]

EARTHING / GROUNDING CONNECTIONS



0 [0.0]
13 [0.5]
0 [0.0]
91 [3.6]
200 [7.9]
259 [10.2]
3X M10X20 STUD WITH NUT

BRAKE / REGEN
TERMINAL

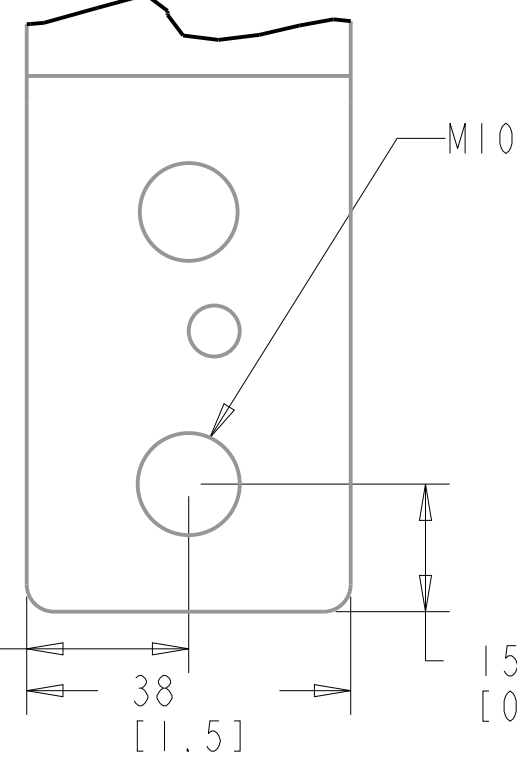


16 [0.6]

32 [1.3]

19 [0.7]

MAINS TERMINAL

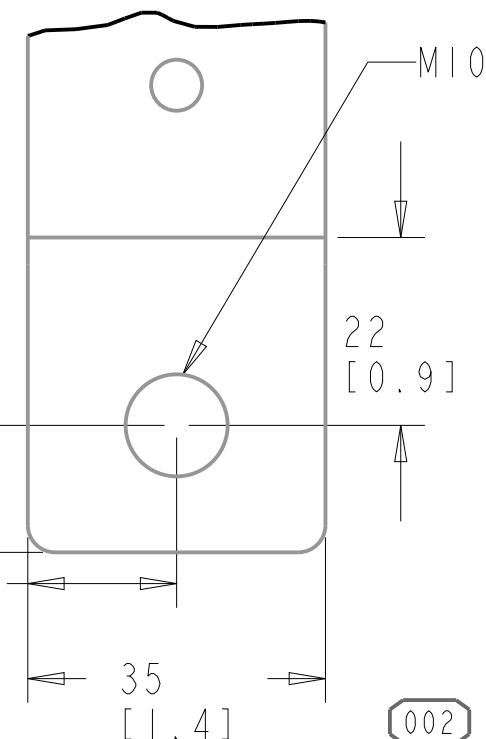


19 [0.8]

38 [1.5]

15 [0.6]

MOTOR TERMINAL



15 [0.6]

18 [0.7]

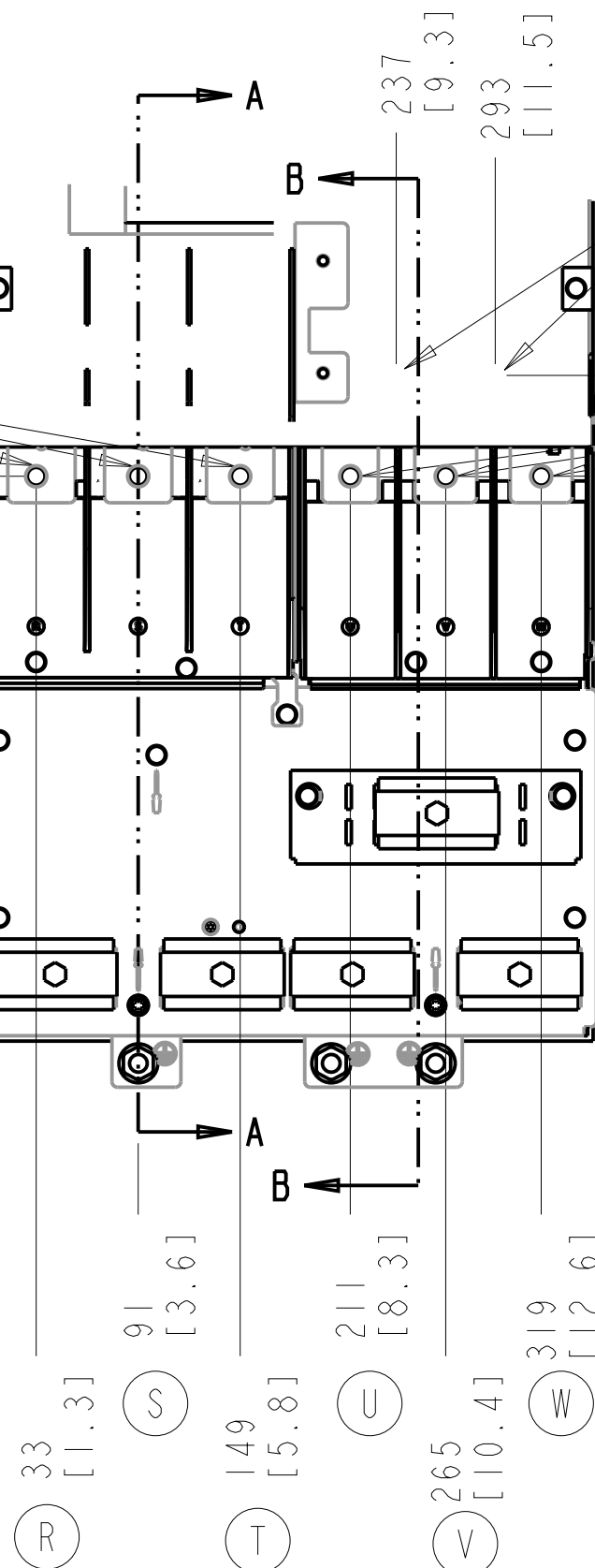
35 [1.4]

22 [0.9]

NOTES:

- 1. PLACE CABLES THROUGH MARKED AREAS
- 2. 185MM² (400MCM) MAX WIRE SIZE

002



319 [12.6]

200 [7.9]

0 [0.0]

33 [1.3] (R)

149 [5.8] (T)

265 [10.4] (V)

91 [3.6] (S)

211 [8.3] (U)

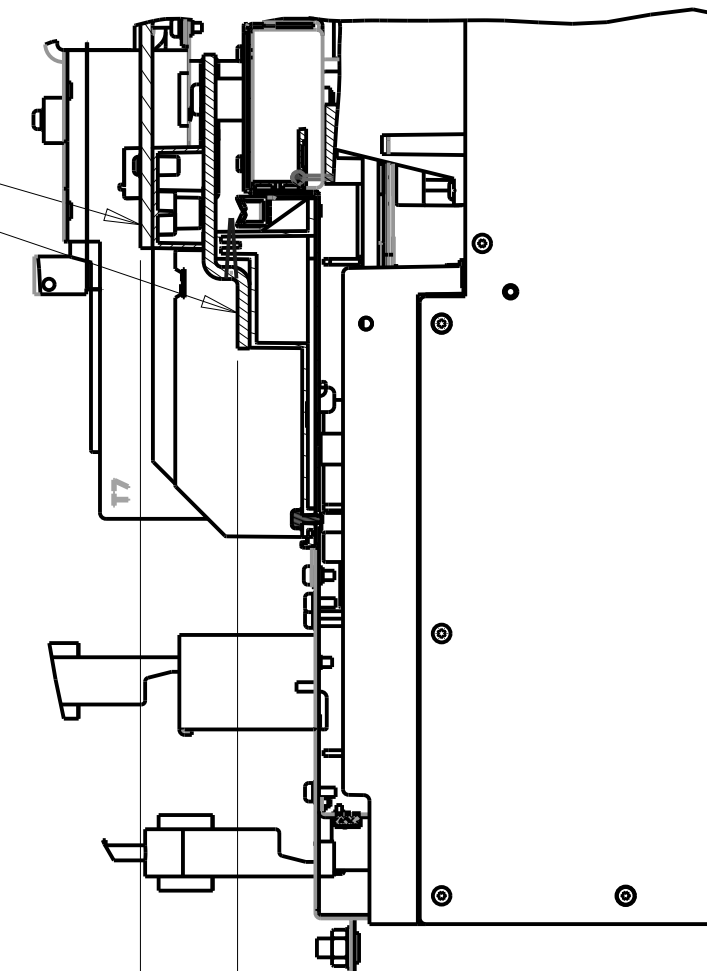
319 [12.6] (W)

BRAKE / REGEN TERMINALS

376 [14.8]

MOTOR TERMINAL

SECTION B-B
MOTOR TERMINALS AND
BRAKE / REGEN TERMINALS



306 [12.1]

255 [10.0]

0 [0.0]

2X 11 [0.4]

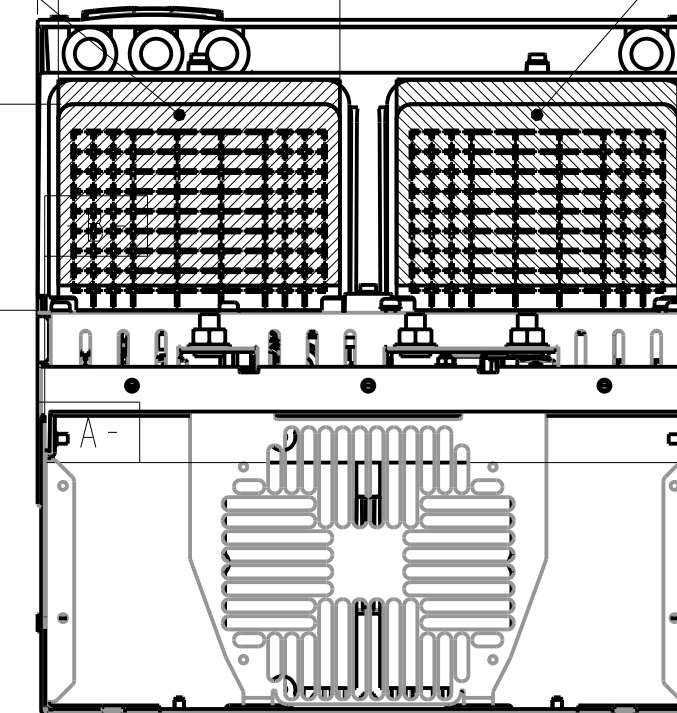
MAINS SIDE
CABLE ENTRY

2X 149 [5.9]

MOTOR SIDE
CABLE ENTRY

2X 109 [4.3]

215 [8.5]

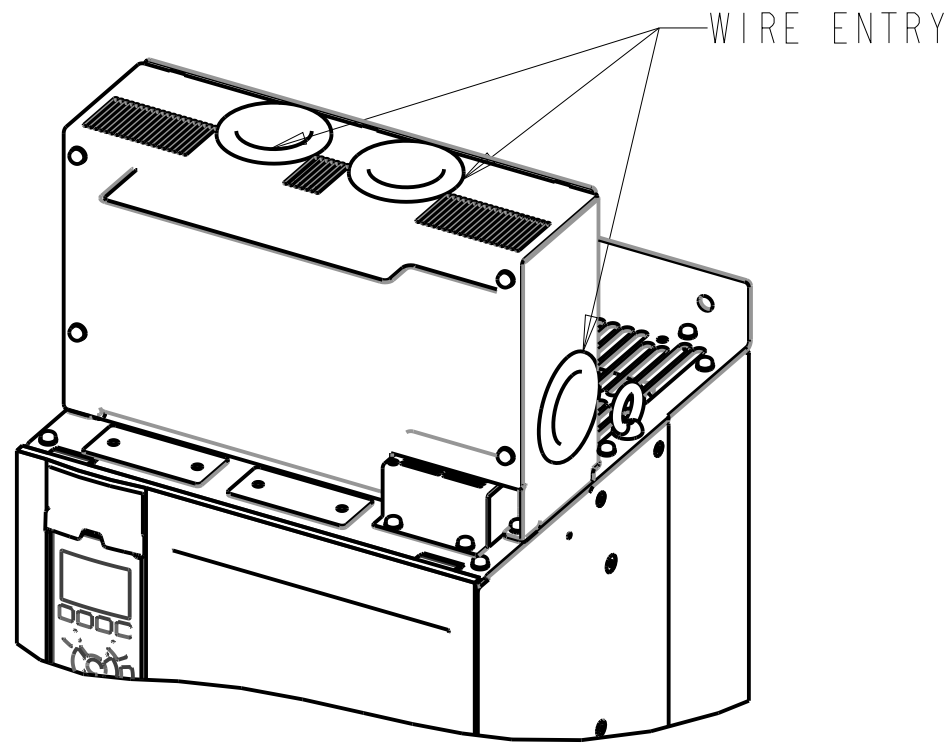
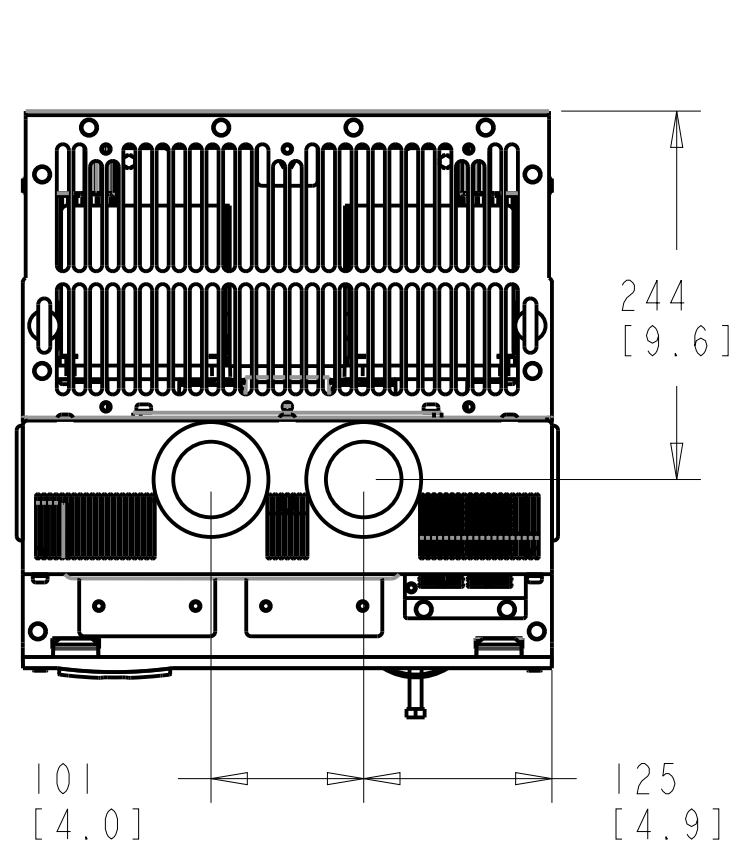


BOTTOM VIEW

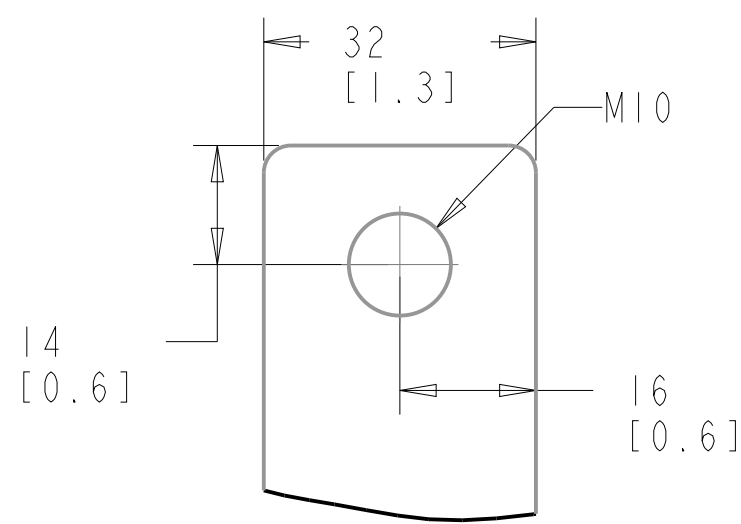
TITLE
INSTALLATION DRAWING, D4H, 1P20/CHASSIS

SIZE C	MODEL	REV 002
SCALE 0.200	DRAWING NO. 177R0340	SHEET 2 OF 4

TOP REGEN / LOAD SHARE
TERMINALS WITH OPTION COVER

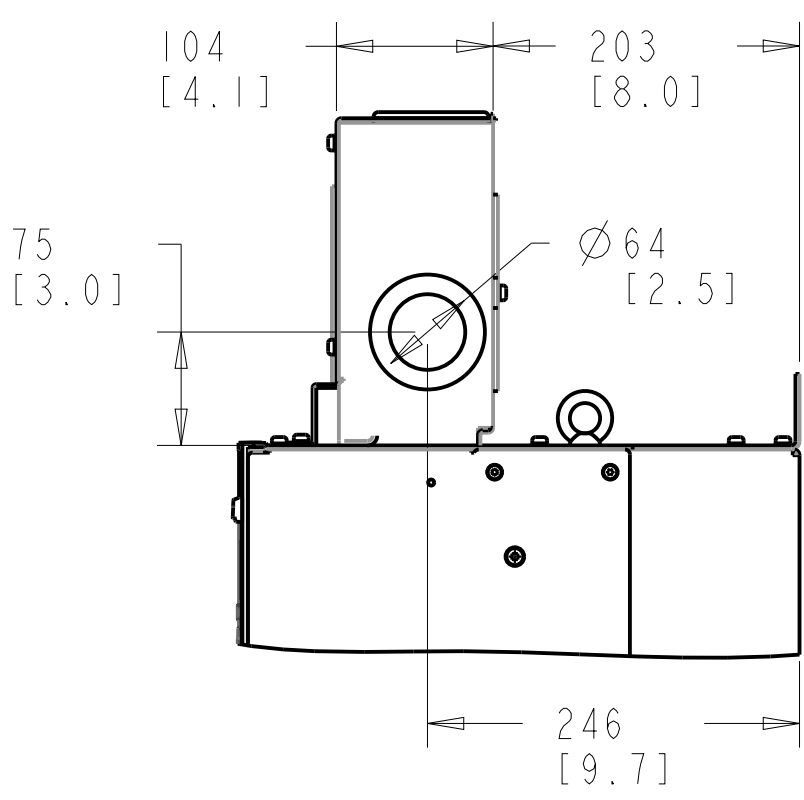
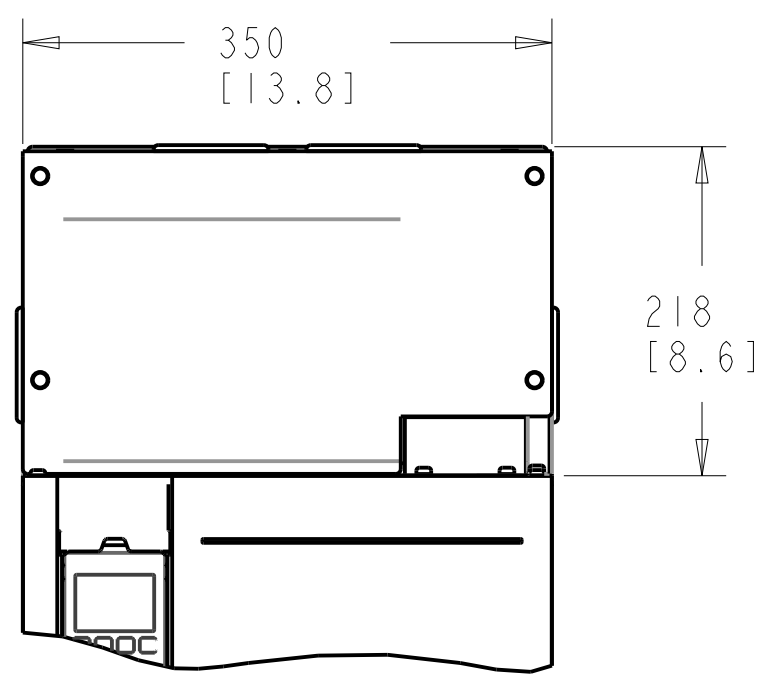
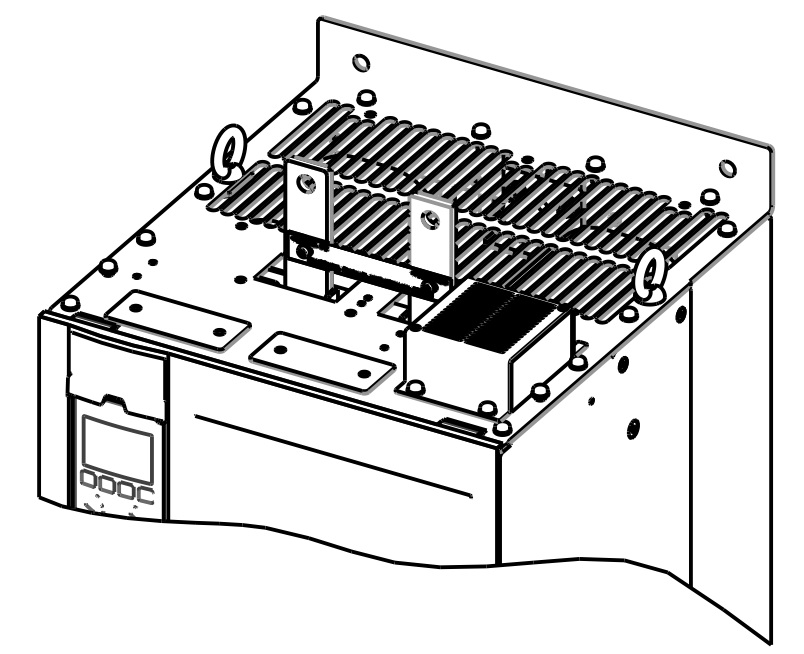


TOP REGEN / LOAD SHARE TERMINALS
(WITHOUT TERMINAL COVER INSTALLED)

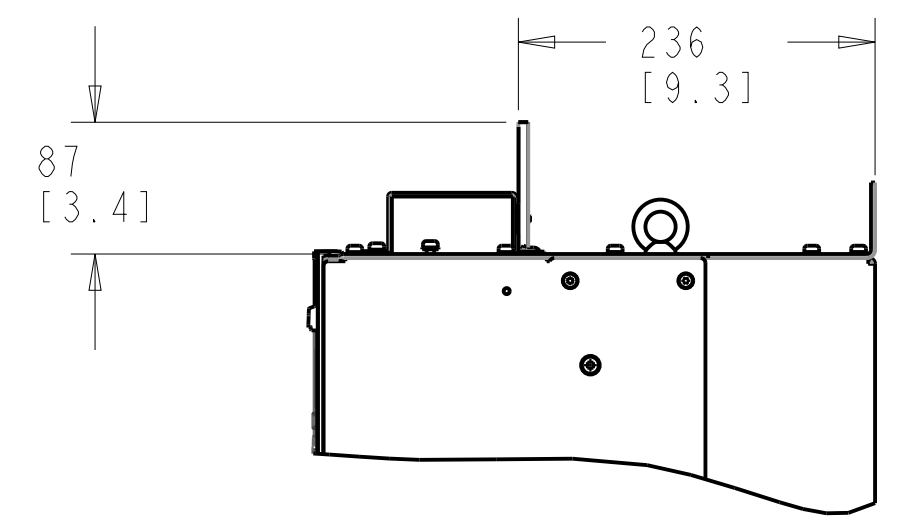
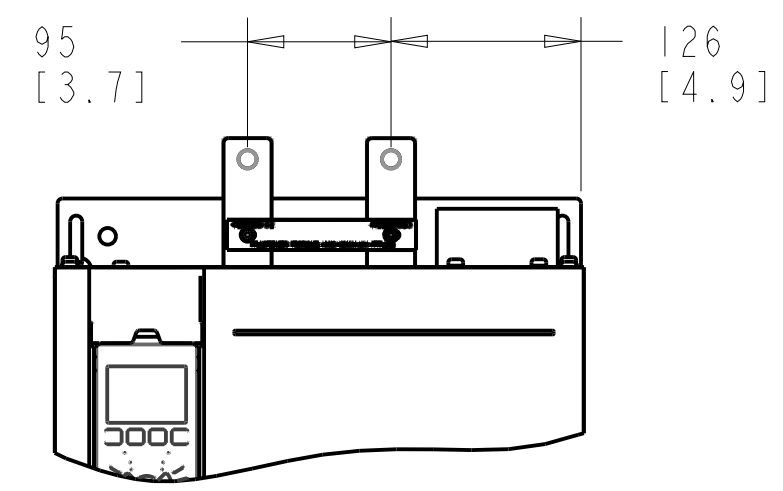


TOP REGEN / LOAD
SHARE TERMINAL

TOP REGEN / LOAD
SHARE TERMINALS



TOP REGEN / LOAD
SHARE TERMINALS



TITLE		
INSTALLATION DRAWING, D4H, 1P20/CHASSIS		
SIZE	MODEL	REV
C		002
SCALE	DRAWING NO.	SHEET
0.200	177R0340	3 OF 4

THE TABLES BELOW MAY BE USED TO CONFIRM THE CORRECT FRAME SIZE AND DRAWING FOR A SPECIFIC DRIVE RATING (POWER AND VOLTAGE). THIS DRAWING IS FOR D4H FRAMES, THE TABLES BELOW IDENTIFY WHICH DRIVES ARE REPRESENTED BY THIS DRAWING.

KW RATED DRIVES						
KW HIGH OVERLOAD	132	160	200	250	315	315
KW NORMAL OVERLOAD	160	200	250	315	355	400
400V		D4H	D4H	D4H		
500V			D4H	D4H	D4H	
525V	D4H	D4H	D4H	D4H		
690V		D4H	D4H	D4H		D4H

HORSEPOWER RATED DRIVES					
HP HIGH OVERLOAD	200	250	300	350	350
HP NORMAL OVERLOAD	250	300	350	400	450
460V		D4H	D4H		D4H
575V	D4H	D4H	D4H	D4H	

THE TABLE BELOW CAN BE USED TO DETERMINE THE FRAME SIZE IF THE SPECIFIC MODEL/TYPECODE IS KNOWN.

PLATFORM	VOLTAGE	MODEL/TYPECODE	FRAME(IP20)
HVAC	T4	FC-102N200T4	D4H
		FC-102N250T4	
		FC-102N315T4	
	T7	FC-102N200T7	
		FC-102N250T7	
		FC-102N315T7	
AQUA	T4	FC-102N400T7	
		FC-202N200T4	
		FC-202N250T4	
	T7	FC-202N315T4	
		FC-202N200T7	
		FC-202N250T7	
AUTOMATION	T5	FC-202N315T7	
		FC-202N400T7	
		FC-302N160T5	
		FC-302N200T5	
	T7	FC-302N250T5	
		FC-302N160T7	
		FC-302N200T7	
		FC-302N250T7	
		FC-302N315T7	

TITLE			
INSTALLATION DRAWING, D4h, IP20/CHASSIS			
SIZE	MODEL	REV	
C		002	
SCALE	DRAWING NO.	SHEET	
0.150	177R0340	4 OF 4	