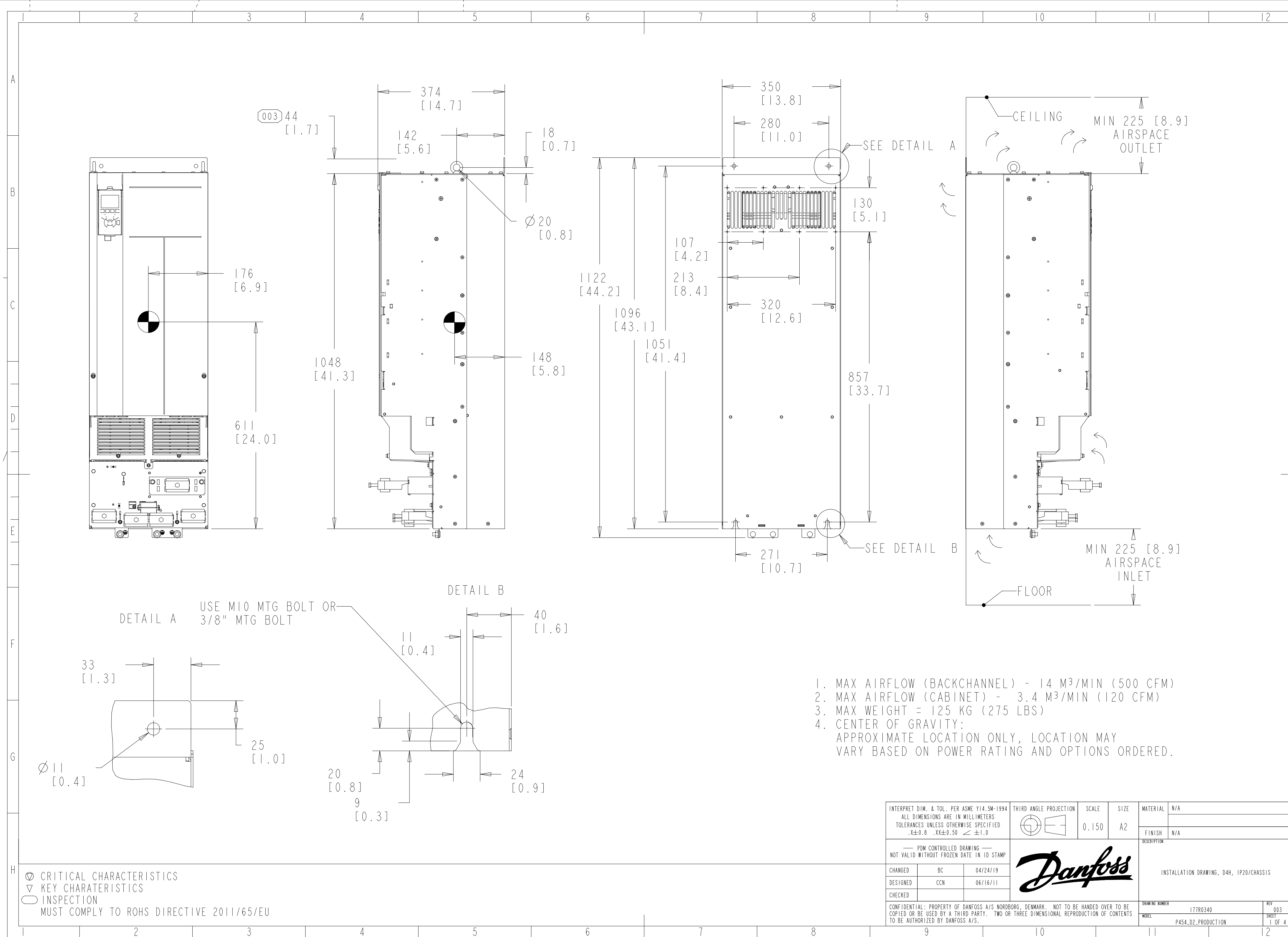




CRITICAL CHARACTERISTICS
KEY CHARACTERISTICS
INSPECTION
MUST COMPLY TO ROHS DIRECTIVE 2011/65/EU

INTERPRET DIM. & TOL. PER ASME Y14.5M-1994 ALL DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED .X±0.8 .XX±0.50 ∠ ±1.0				SCALE 0.150	SIZE A2	MATERIAL N/A	
— PDM CONTROLLED DRAWING — NOT VALID WITHOUT FROZEN DATE IN ID STAMP				FINISH N/A			
CHANGED	BC	04/24/19				DESCRIPTION INSTALLATION DRAWING, D4H, IP20/CHASSIS	
DESIGNED	CCN	06/16/11					
CHECKED							
CONFIDENTIAL: PROPERTY OF DANFOSS A/S NORDBORG, DENMARK. NOT TO BE HANDED OVER TO BE COPIED OR BE USED BY A THIRD PARTY. TWO OR THREE DIMENSIONAL REPRODUCTION OF CONTENTS TO BE AUTHORIZED BY DANFOSS A/S.			DRAWING NUMBER 177R0340				REV 003
			MODEL P454_D2_PRODUCTION				SHEET 1 OF 4

SECTION A-A MAINS TERMINALS

SECTION B-B MOTOR TERMINALS AND BRAKE / REGEN TERMINALS

MAINS TERMINAL

BRAKE / REGEN TERMINALS

MOTOR TERMINAL

EARTHING / GROUNDING CONNECTIONS

MOTOR TERMINAL

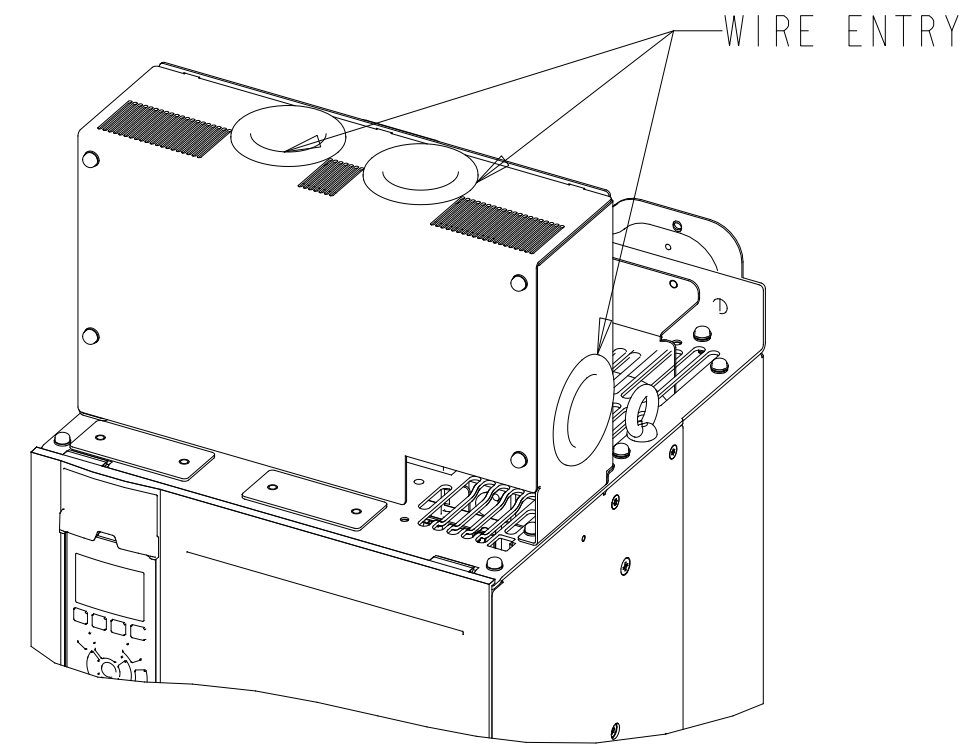
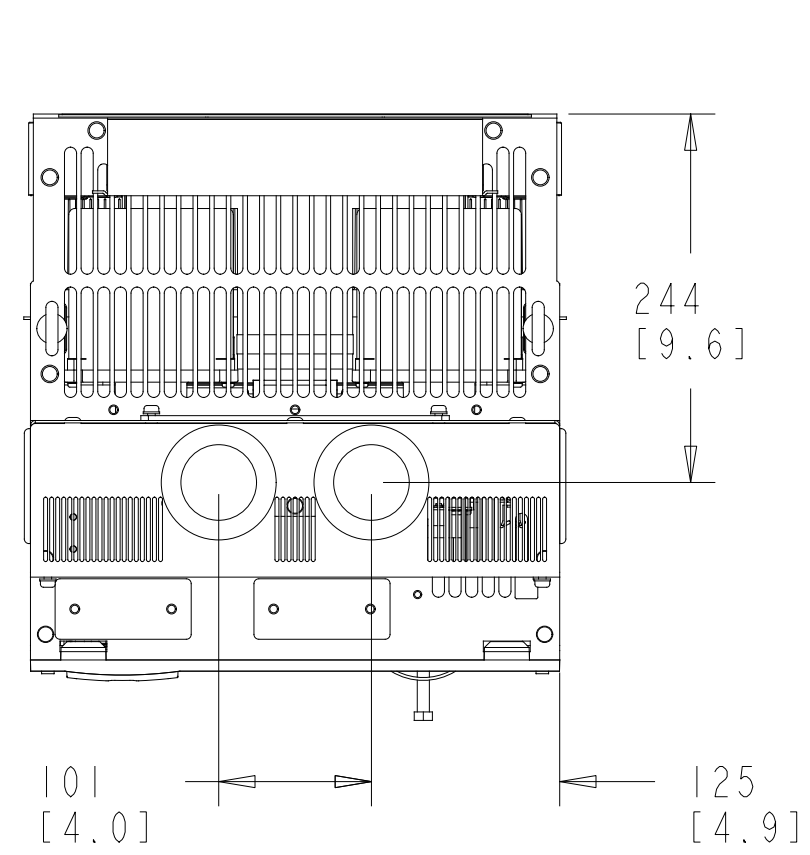
BOTTOM VIEW

NOTES:

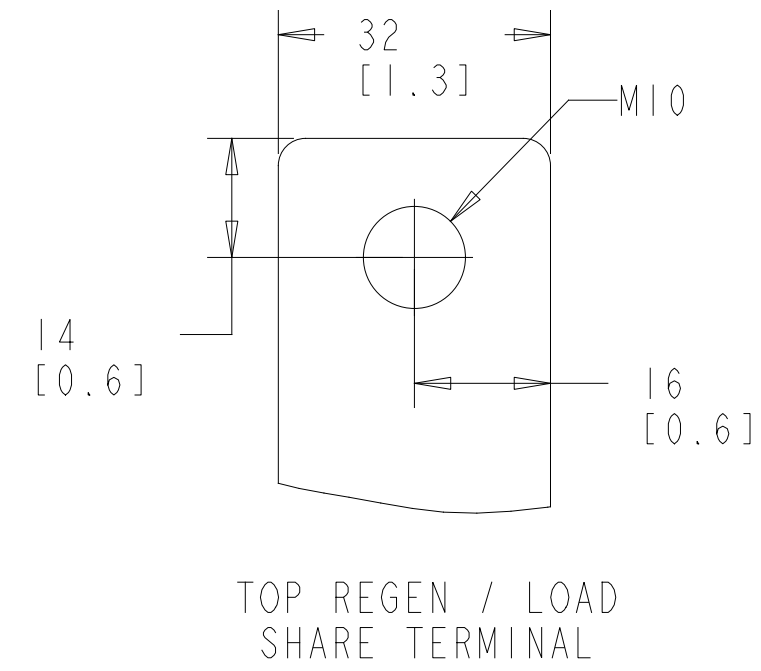
1. PLACE CABLES THROUGH MARKED AREAS
2. 185MM² (400MCM) MAX WIRE SIZE

DRAWING NUMBER	177R0340	REV	003
MODEL	P454_D2_PRODUCTION	SHEET	2 OF 4

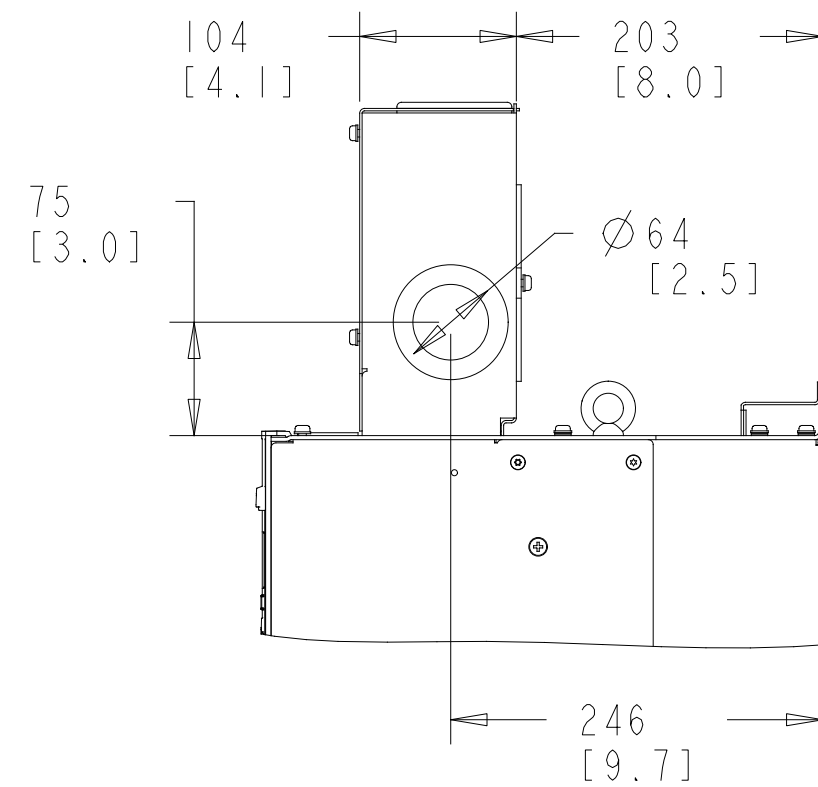
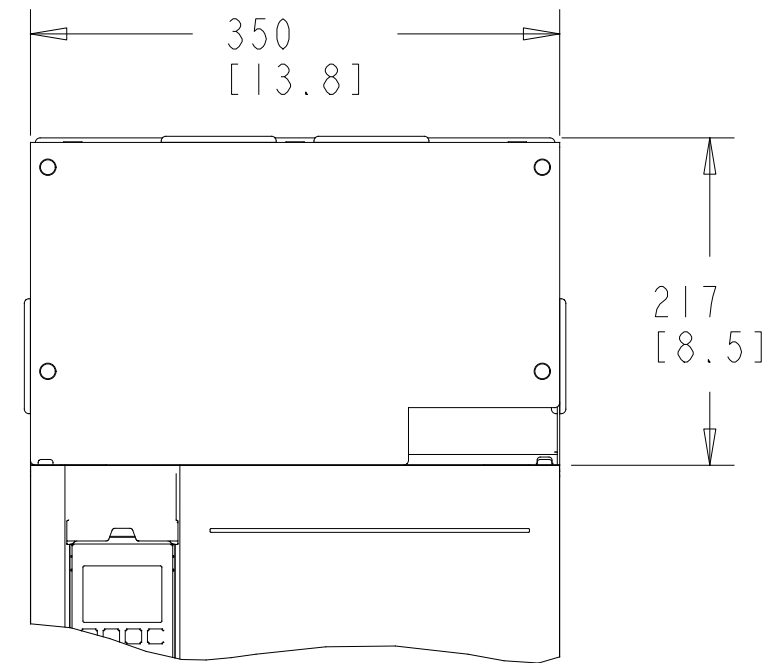
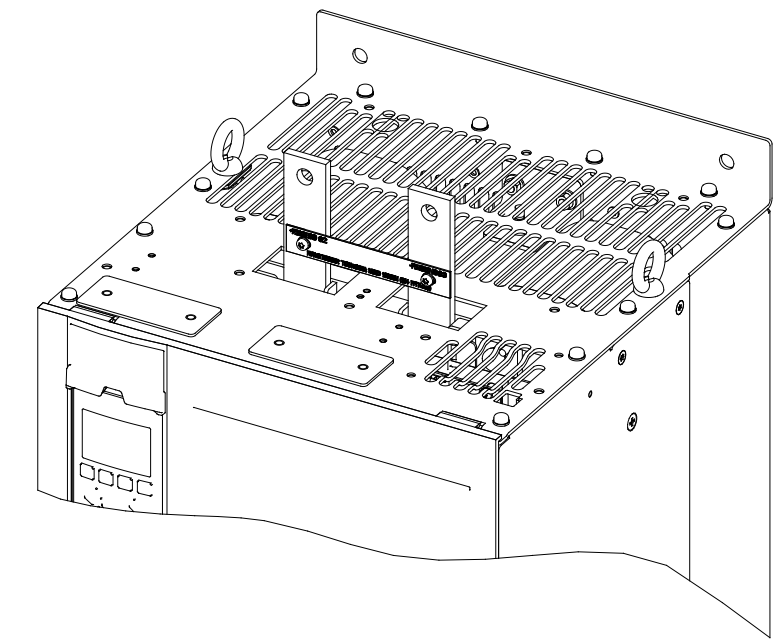
TOP REGEN / LOAD SHARE
TERMINALS WITH OPTION COVER



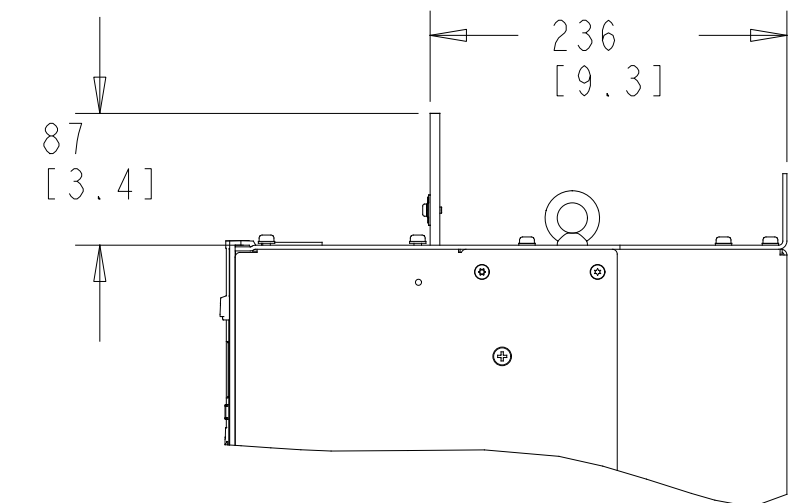
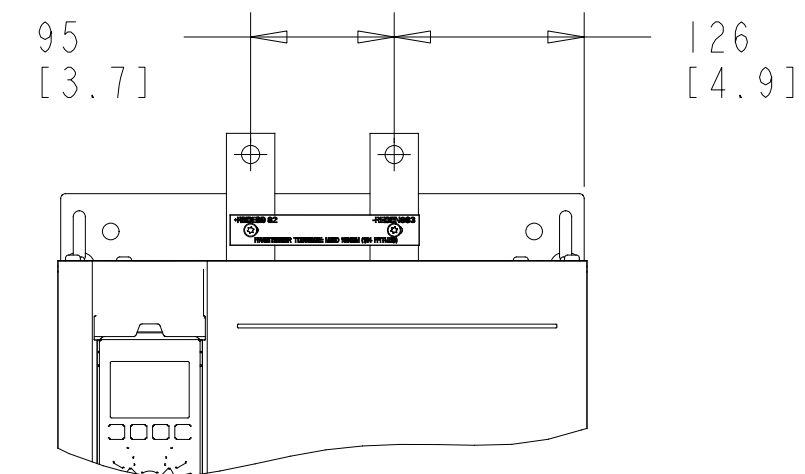
TOP REGEN / LOAD SHARE TERMINALS
(WITHOUT TERMINAL COVER INSTALLED)



TOP REGEN / LOAD
SHARE TERMINALS



TOP REGEN / LOAD
SHARE TERMINALS



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	75K	90K	110	150	132	160	200	250	315	315	
KW NORMAL OVERLOAD	90K	110	150	160	160	200	250	315	355	400	
230V	D4H	D4H	D4H	D4H							
400V						D4H	D4H	D4H			
500V							D4H	D4H	D4H		
525V					D4H	D4H	D4H	D4H			
690V						D4H	D4H	D4H		D4H	

HORSEPOWER RATED DRIVES										
HP HIGH OVERLOAD	100	120	150	200	200	250	300	350	350	
HP NORMAL OVERLOAD	120	150	200	215	250	300	350	400	450	
230V	D4H	D4H	D4H	D4H						
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	T2	FC-102N90KT2	D4H
		FC-102N110T2	
		FC-102N150T2	
		FC-102N160T2	
	T4	FC-102N200T4	
		FC-102N250T4	
		FC-102N315T4	
	T7	FC-102N200T7	
		FC-102N250T7	
		FC-102N315T7	
		FC-102N400T7	
AQUA	T2	FC-202N90KT2	D4H
		FC-202N110T2	
		FC-202N150T2	
		FC-202N160T2	
	T4	FC-202N200T4	
		FC-202N250T4	
		FC-202N315T4	
	T7	FC-202N200T7	
		FC-202N250T7	
		FC-202N315T7	
		FC-202N400T7	
AUTOMATION	T2	FC-302N75KT2	D4H
		FC-302N90KT2	
		FC-302N110T2	
		FC-302N150T2	
	T5	FC-302N160T5	
		FC-302N200T5	
		FC-302N250T5	
	T7	FC-302N160T7	
		FC-302N200T7	
		FC-302N250T7	
		FC-302N315T7	