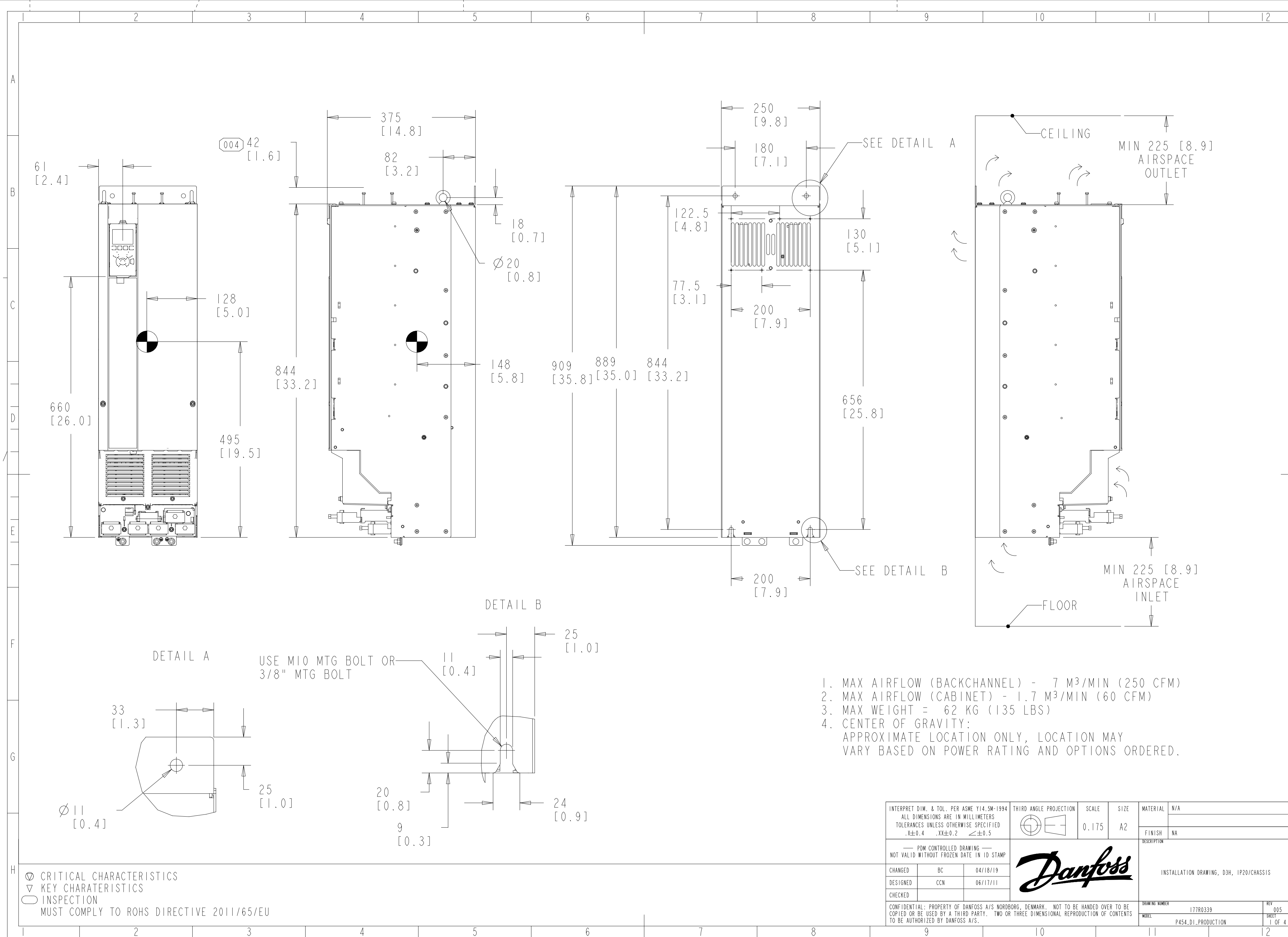




⊙ CRITICAL CHARACTERISTICS
▽ KEY CHARACTERISTICS
○ INSPECTION
MUST COMPLY TO ROHS DIRECTIVE 2011/65/EU

INTERPRET DIM. & TOL. PER ASME Y14.5M-1994 ALL DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED .X±0.4 .XX±0.2 ∠±0.5			THIRD ANGLE PROJECTION 	SCALE 0.175	SIZE A2	MATERIAL N/A	
— PDM CONTROLLED DRAWING — NOT VALID WITHOUT FROZEN DATE IN ID STAMP						FINISH NA	
CHANGED	BC	04/18/19				DESCRIPTION INSTALLATION DRAWING, D3H, 1P20/CHASSIS	
DESIGNED	CCN	06/17/11					
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 177R0339	REV 005
						MODEL P454.D1-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

3X M8X18 STUD
WITH NUT

BOTTOM BRAKE / REGEN
TERMINAL

MAINS TERMINAL

MOTOR TERMINAL

BOTTOM VIEW

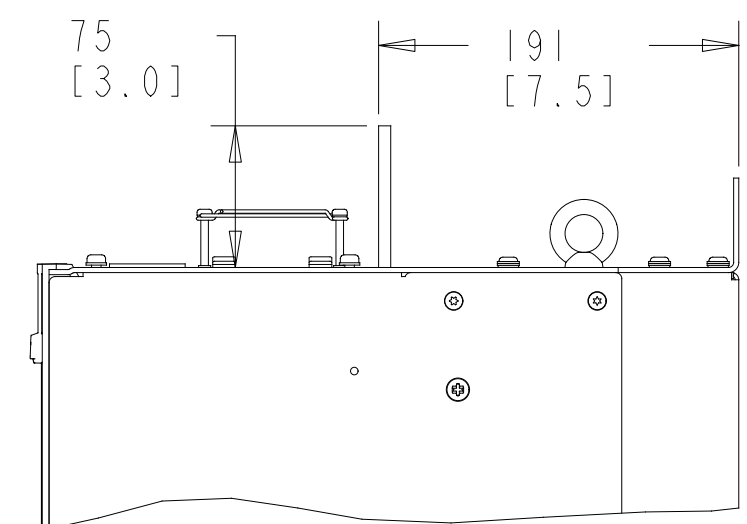
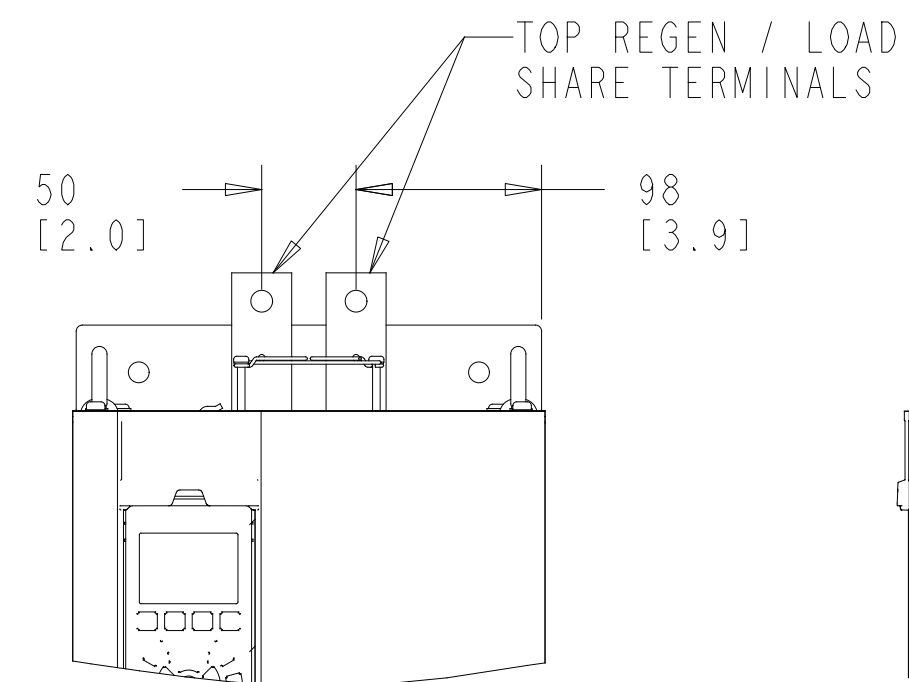
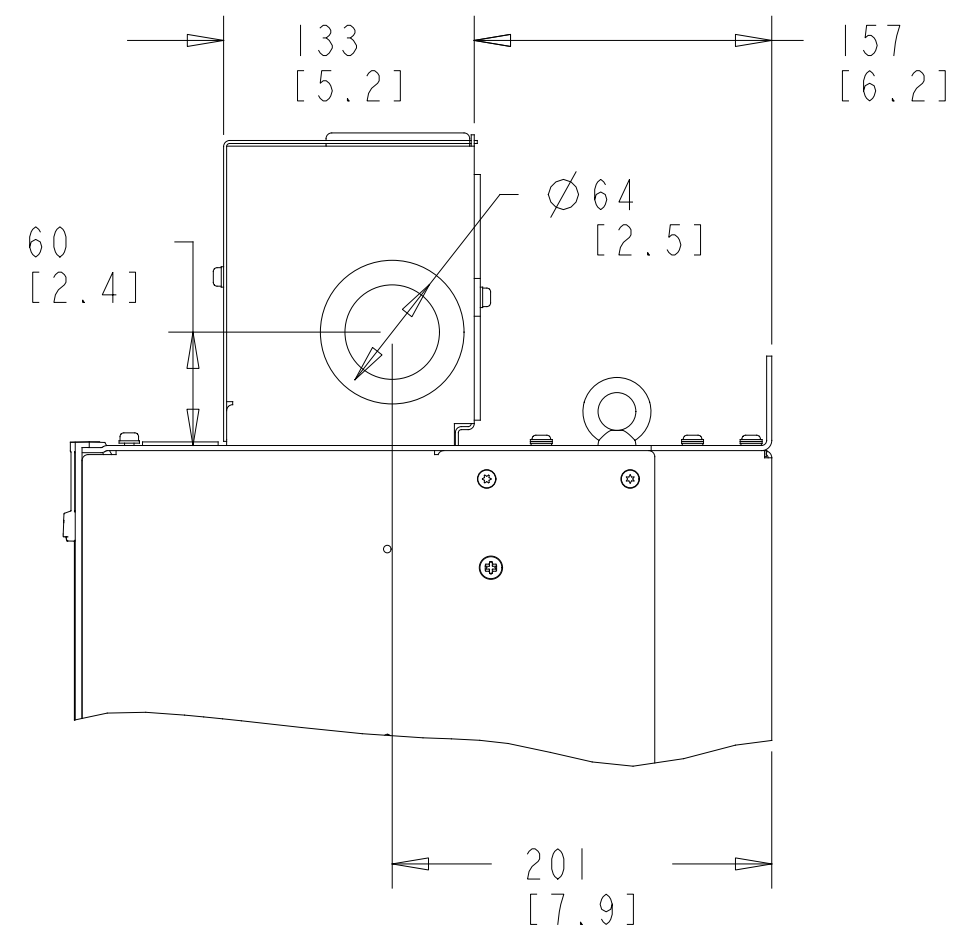
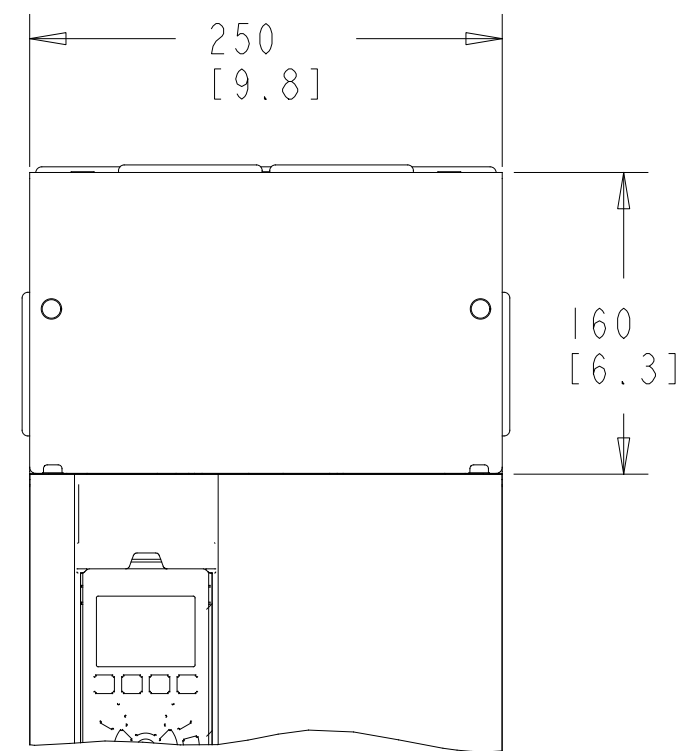
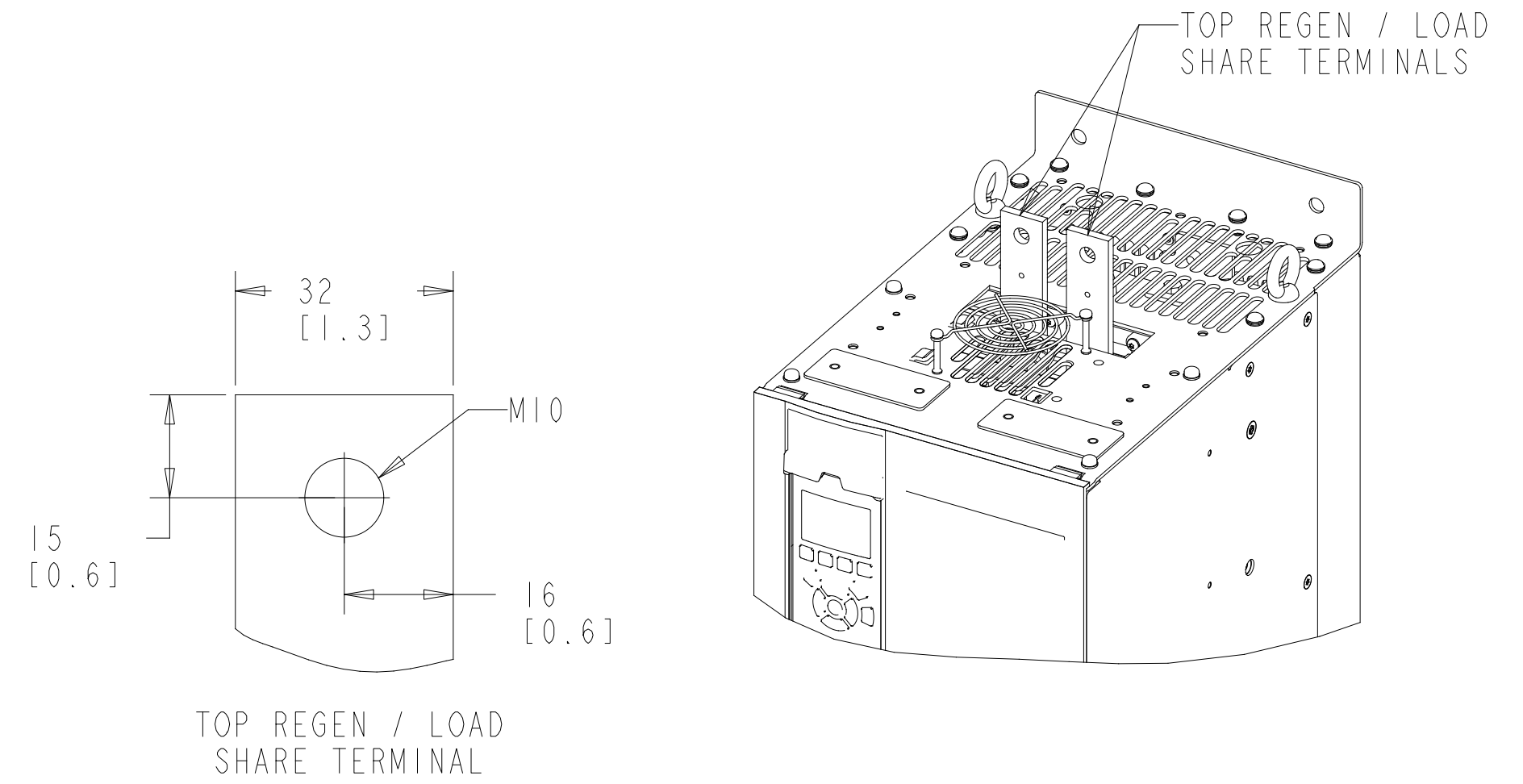
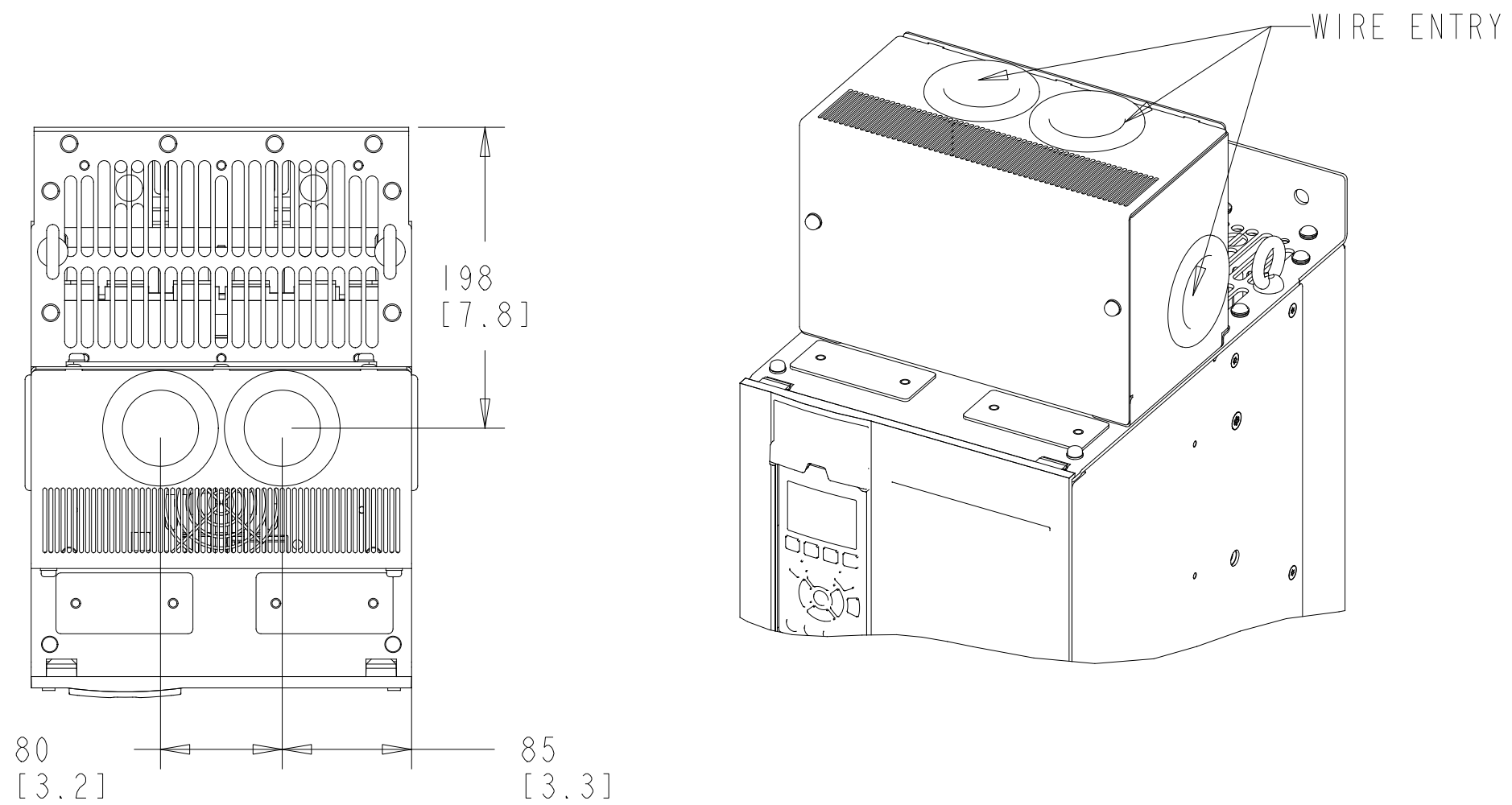
NOTES:

1. PLACE CABLES THROUGH MARKED AREAS
2. 95MM² (3/0) MAX WIRE SIZE

DRAWING NUMBER	177R0339	REV	005
MODEL	P454_DI_PRODUCTION	SHEET	2 OF 4

TOP REGEN / LOAD SHARE
TERMINALS WITH OPTION COVER

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



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 D3H FRAMES, THE TABLES BELOW IDENTIFY WHICH DRIVES ARE REPRESENTED BY THIS DRAWING.

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

KW RATED DRIVES							
KW HIGH OVERLOAD	45	55	75	90	110	132	160
KW NORMAL OVERLOAD	55	75	90	110	132	160	200
230V	D3H	D3H					
400V			D3H	D3H	D3H	D3H	
500V					D3H	D3H	D3H
525V	D3H		D3H	D3H	D3H		
690V		D3H	D3H	D3H	D3H	D3H	

HORSEPOWER RATED DRIVES							
HP HIGH OVERLOAD	60	75	75	100	125	150	200
HP NORMAL OVERLOAD	75	100	110	125	150	200	250
230V	D3H	D3H					
460V					D3H	D3H	D3H
575V	D3H		D3H	D3H	D3H	D3H	D3H

PLATFORM	VOLTAGE	MODEL/TYPECODE	FRAME(IP20)
HVAC	T2	FC-102N55KT2	D3H
		FC-102N75KT2	
	T4	FC-102N110T4	
		FC-102N132T4	
		FC-102N160T4	
	T7	FC-102N75KT7	
		FC-102N90KT7	
		FC-102N110T7	
		FC-102N132T7	
		FC-102N160T7	
AQUA	T2	FC-202N55KT2	
		FC-202N75KT2	
	T4	FC-202N110T4	
		FC-202N132T4	
		FC-202N160T4	
	T7	FC-202N75KT7	
		FC-202N90KT7	
		FC-202N110T7	
AUTOMATION	T2	FC-302N45KT2	
		FC-302N55KT2	
	T5	FC-302N90KT5	
		FC-302N110T5	
		FC-302N132T5	
	T7	FC-302N55KT7	
		FC-302N75KT7	
		FC-302N90KT7	
		FC-302N110T7	
		FC-302N132T7	