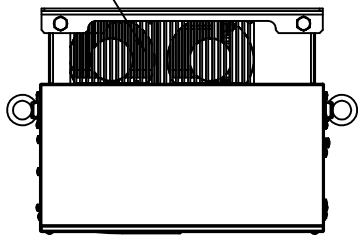
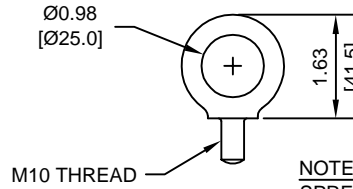


(2) EXTERNAL COOLING FANS

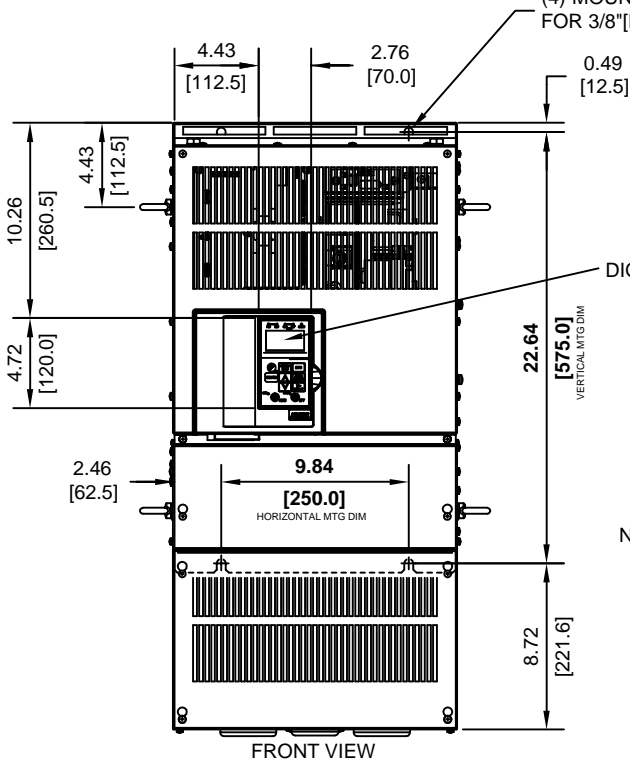


LIFTING AND EYEBOLT DETAILS



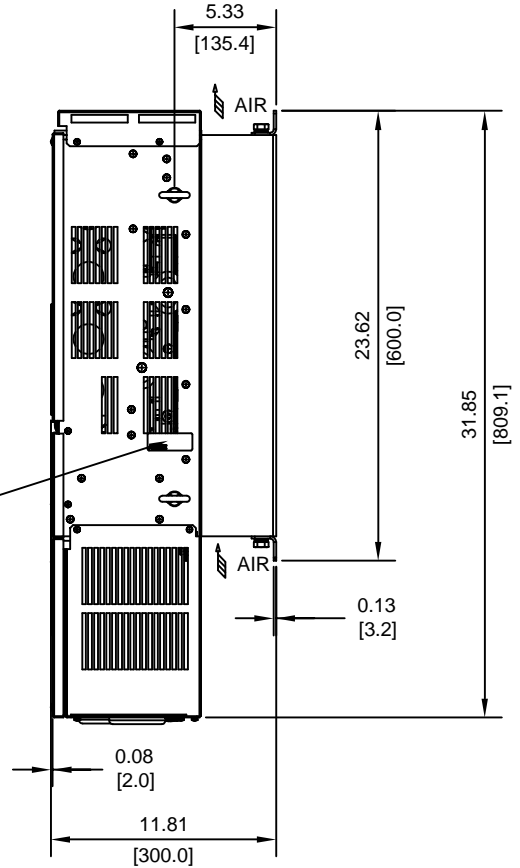
NOTE:
SPREADER BAR REQUIRED TO AVOID DAMAGE DURING LIFTING

(4)-MOUNTING HOLES FOR 3/8"[M10] SCREWS



DIGITAL OPERATOR

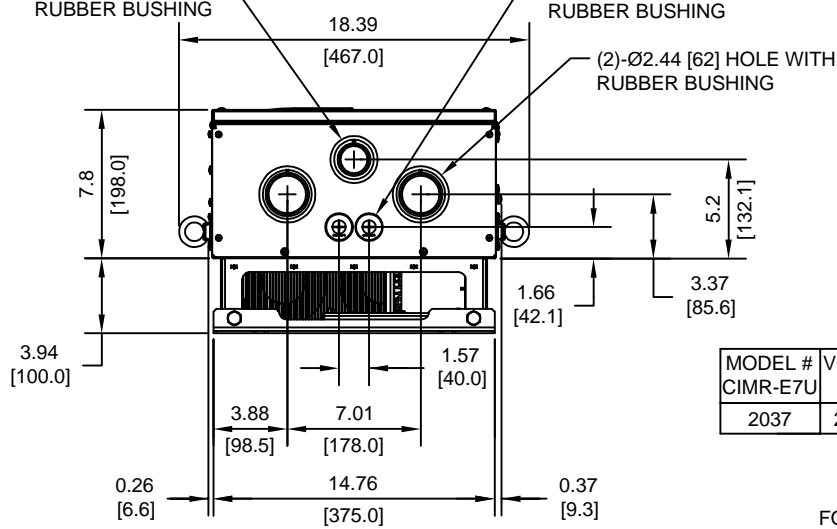
NAMEPLATE



Ø1.97 [50] HOLE WITH RUBBER BUSHING

(2)-Ø1.10 [28] HOLE WITH RUBBER BUSHING

(2)-Ø2.44 [62] HOLE WITH RUBBER BUSHING



MODEL #	VOLTAGE (VAC)	OUTPUT CURRENT (A)	WEIGHT LBS (Kg)	HEAT LOSS (W)		
				INT	EXT	TOTAL
2037	208/230	162	136 (62)	421	1010	1431

INT=INTERNAL COMPONENTS
EXT=EXTERNAL HEATSINK

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES/REFERENCES:

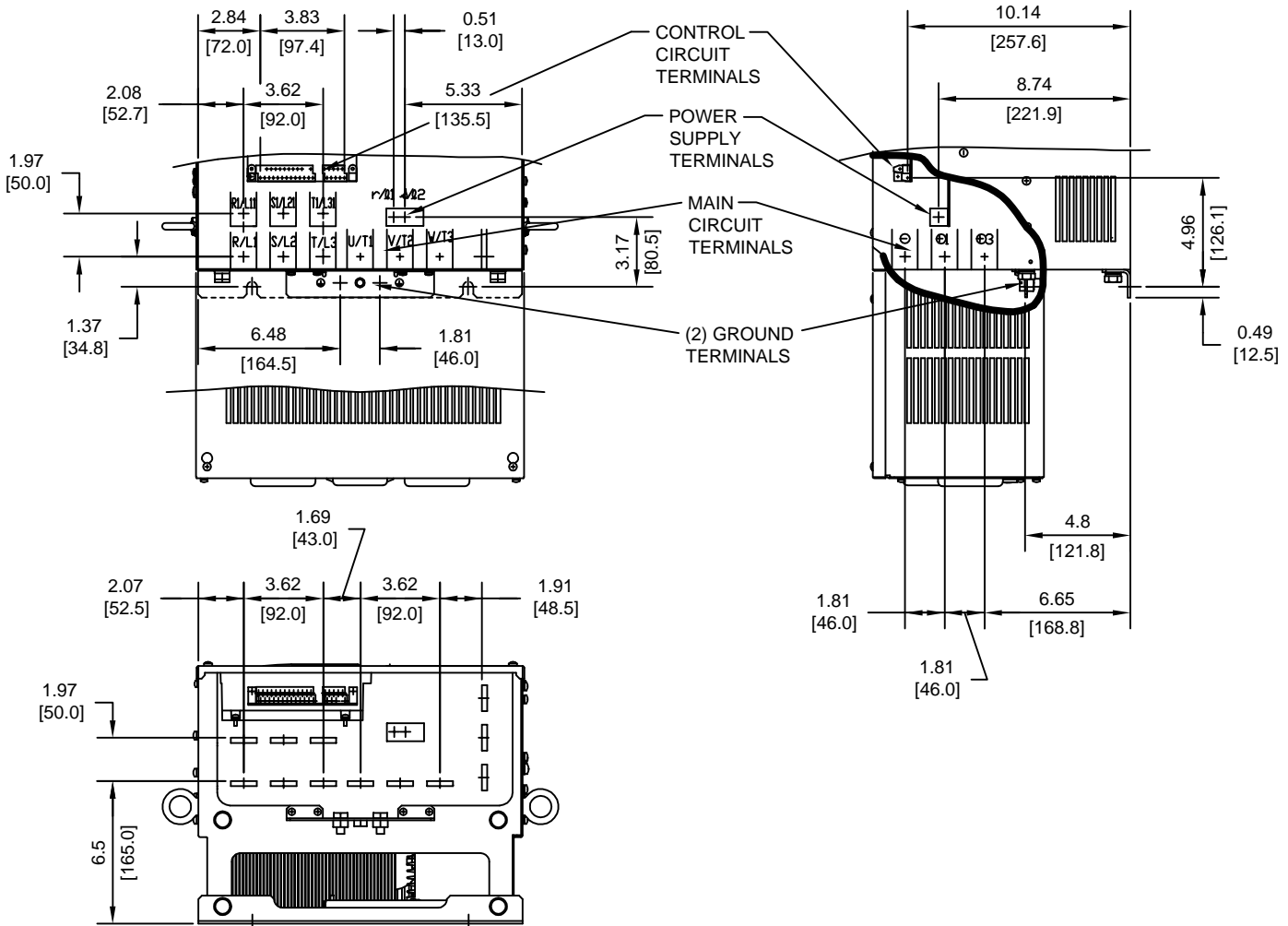
UNITS: IN[mm] SCALE: 1:10

YASKAWA
A World of Automation Solutions™

YASKAWA ELECTRIC AMERICA, INC.
Corporate Headquarters
2121 Norman Drive South
Waukegan, IL 60085
1-800-YASKAWA
http://www.yaskawa.com

DRAWN: J. MATTAS	DATE: 3-30-05	TITLE: E7 DIMENSION DRAWING		
CHECKED: M. RUCINSKI	DATE: 5-3-05	FRAME SIZE 7		
TECH: J. CAIRO	DATE: 3-31-05	NEMA TYPE 1/IP20 ENCLOSURE		
APPROVED: T. SASADA	DATE: 6-8-05	SIZE: A	REVISION: R00	PAGE: 1 of 3
ORIGINAL DESIGN: -	DATE: -	DRAWING #: DD.E7.FR7.N1.01		

TERMINAL AND WIRING DETAILS (SCALE 1:8)



TERMINAL SPECIFICATIONS FOR MAIN CIRCUIT AND GROUND

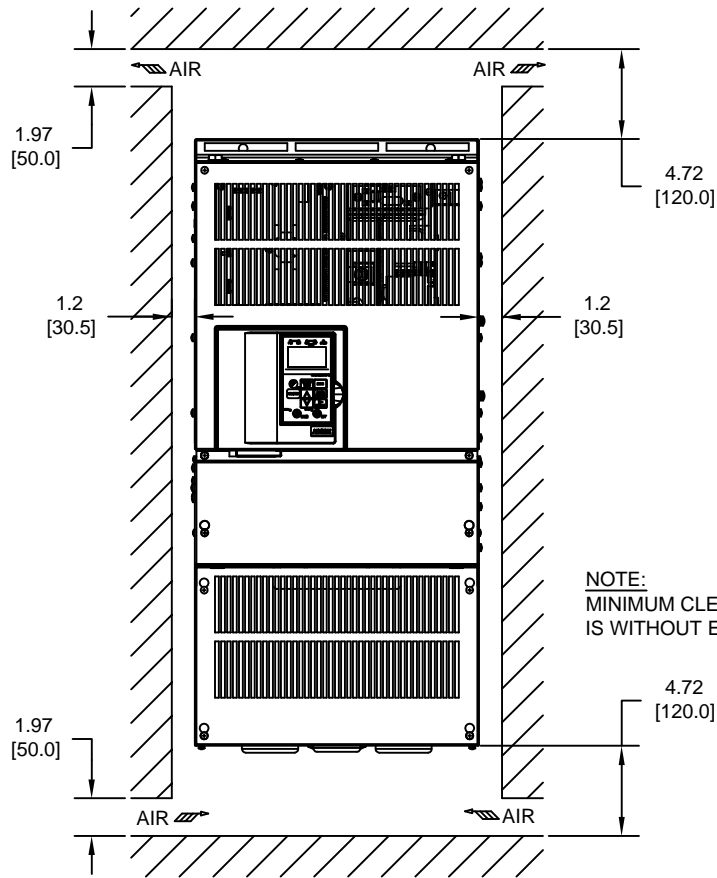
MODEL #	TERMINAL SYMBOL	TERMINAL SCREW	CLAMPING TORQUE lb.in.(N.m.)
CIMR-E7U 2037	R/L1, S/L2, T/L3, ⊖, ⊕1, R1/L11, S1/L21, T1/L31, U/T1, V/T2, W/T3, ⊕	M10	155 TO 198 (17.6 TO 22.5)
	⊕3	M8	77.4 TO 95.0 (8.8 TO 10.8)
	r/l1, s/l2	M4	11.4 TO 12.3 (1.3 TO 1.4)

NOTE: REFER TO APPLICABLE CODES FOR PROPER WIRE TYPE AND SIZE

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

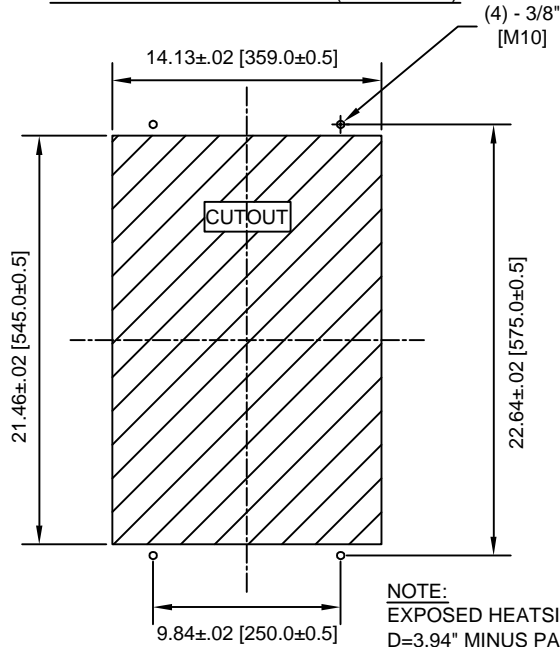
TOLERANCES/REFERENCES: - - - - - -	<p>YASKAWA A World of Automation Solutions™</p> <p>YASKAWA ELECTRIC AMERICA, INC. Corporate Headquarters 2121 Norman Drive South Waukegan, IL 60085 1-800-YASKAWA http://www.yaskawa.com</p>	DRAWN: J. MATTAS DATE 3-30-05	TITLE: E7 DIMENSION DRAWING FRAME SIZE 7 NEMA TYPE 1/IP20 ENCLOSURE E7U2037			
		CHECKED: M. RUCINSKI DATE 5-3-05	TECH: J. CAIRO DATE 3-31-05	SIZE A	REVISION R00	PAGE 2 of 3
		APPROVED: T. SASADA DATE 6-6-05	ORIGINAL DESIGN: - DATE -	DRAWING #: DD.E7.FR7.N1.01		
		UNITS: IN[mm]	SCALE: BY VIEW			

MINIMUM INSTALLATION CLEARANCES (SCALE 1:10)



NOTE:
MINIMUM CLEARANCE
IS WITHOUT EYEBOLTS

PANEL CUTOUT FOR EXTERNAL HEATSINK
MOUNTING CONFIGURATION (SCALE 1:10)



NOTE:
EXPOSED HEATSINK DEPTH
D=3.94" MINUS PANEL THICKNESS

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES/REFERENCES: -		<p>YASKAWA A World of Automation Solutions™</p> <p>YASKAWA ELECTRIC AMERICA, INC. Corporate Headquarters 2121 Norman Drive South Waukegan, IL 60085 1-800-YASKAWA http://www.yaskawa.com</p>	DRAWN: J. MATTAS DATE 3-30-05	TITLE: E7 DIMENSION DRAWING FRAME SIZE 7 NEMA TYPE 1/IP20 ENCLOSURE E7U2037
UNITS: IN[mm]	SCALE: BY VIEW		CHECKED: M. RUCINSKI DATE 5-3-05	REVISION R00 PAGE 3 of 3
		TECH: J. CAIRO DATE 3-31-05	DATE 6-6-05	DRAWING #: DD.E7.FR7.N1.01
		APPROVED: T. SASADA DATE -	DATE -	