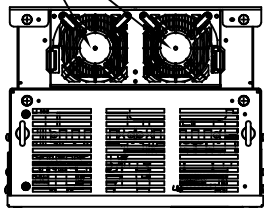
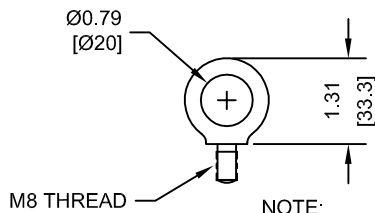


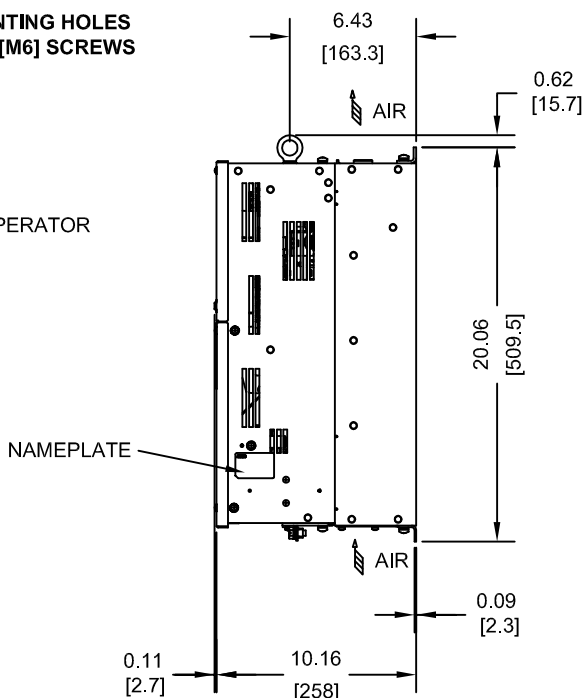
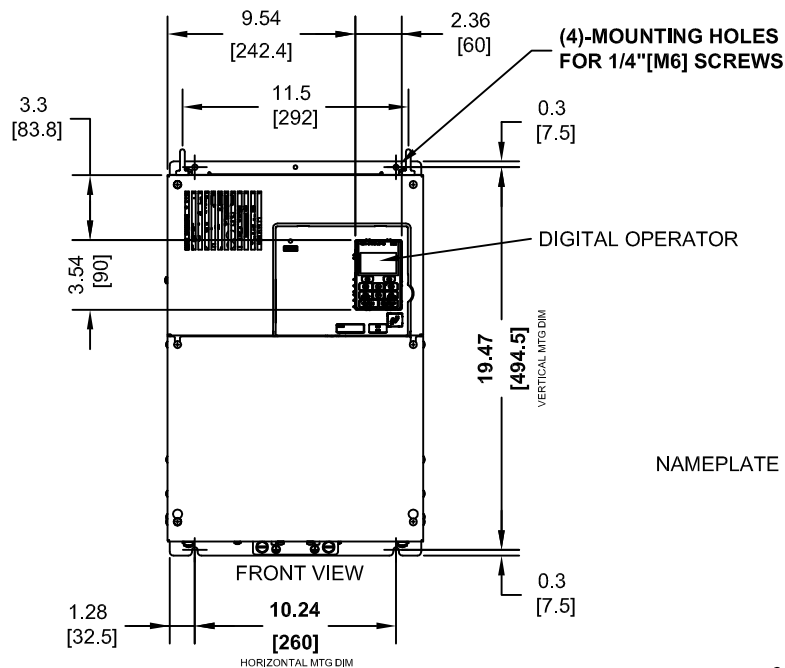
(2) EXTERNAL COOLING FANS



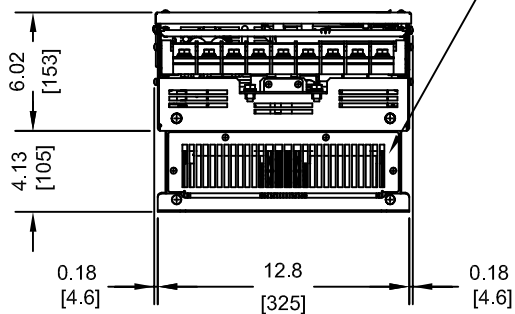
LIFTING AND EYEBOLT DETAILS



NOTE:
SPREADER BAR REQUIRED TO AVOID DAMAGE DURING LIFTING



OPTIONAL CAPACITOR COVER
WHEN USING AN EXTERNAL MOUNT HEATSINK, UL COMPLIANCE REQUIRES COVERING EXPOSED CAPACITORS IN THE MAIN CIRCUIT TO PREVENT INJURY. CONSULT MANUAL FOR DETAILS.



MODEL # CIMR-PU	INPUT TYPE	VOLTAGE 3-PHASE (VAC)	OUTPUT CURRENT (A)	WEIGHT LBS (Kg)	HEAT LOSS (W) (Fc=2kHz)		
					INT	EXT	TOT
4A0088AXX	6 PULSE	380/480	88	79.2 (36)	308	684	992
4A0103AXX	6 PULSE		103	79.2 (36)	357	848	1205
4T0088AXX	12 PULSE		88	74.0 (34)	285	669	954
4T0103AXX	12 PULSE		103	74.0 (34)	329	827	1156

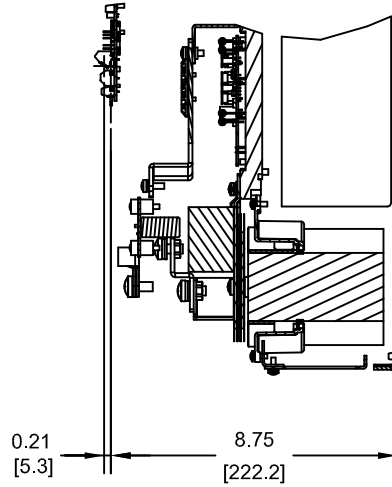
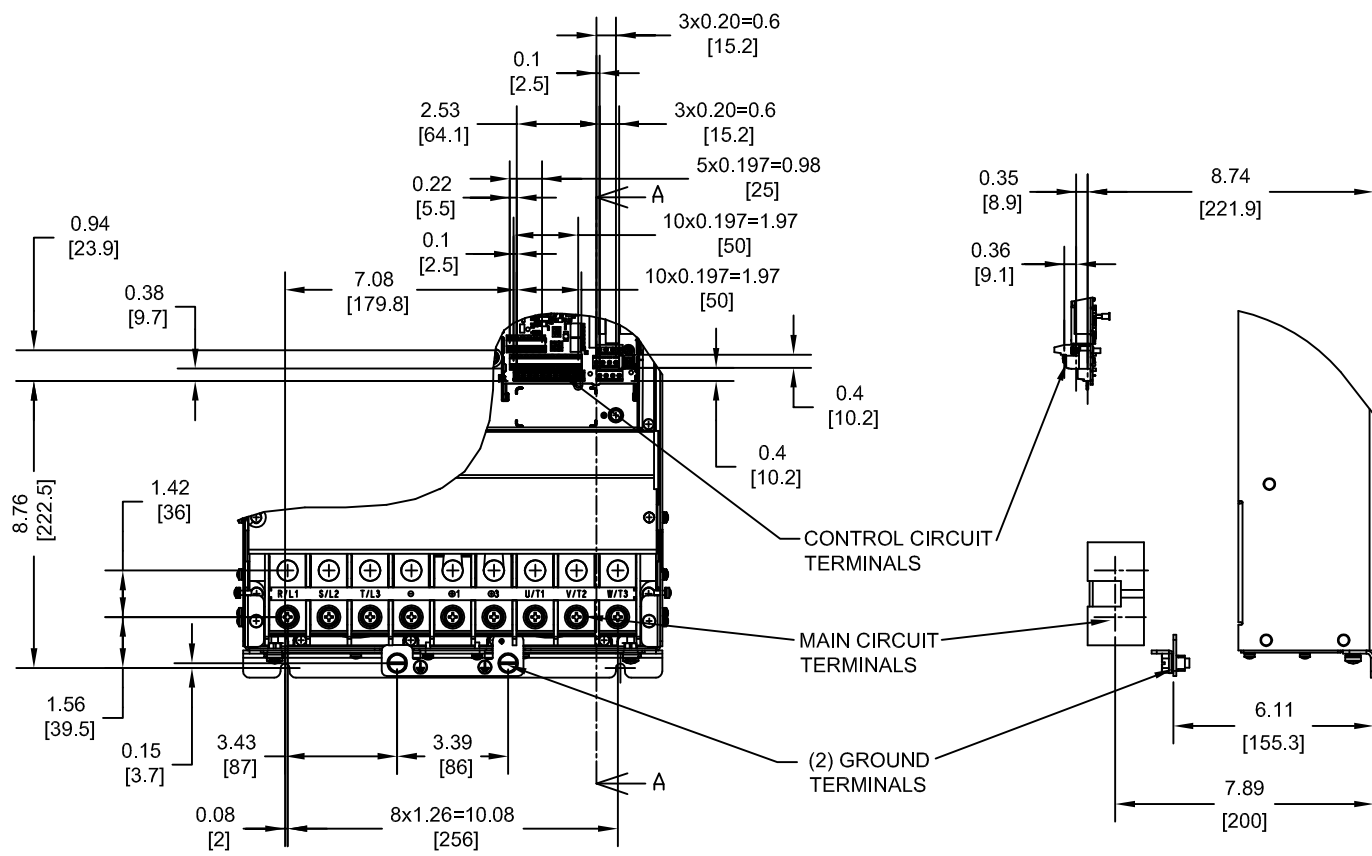
NOTE:
XX DENOTES AA-ZZ

INT=INTERNAL COMPONENTS
EXT=EXTERNAL HEATSINK
TOT=TOTAL

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES / REFERENCES:			DRAWN: J. MATTAS	DATE 12-9-11	TITLE: P1000 DIMENSION DRAWING		
UNITS: IN [mm]	SCALE: 1:10		CHECKED: J. PIOTROWSKI	DATE 1-5-12	FRAME SIZE 9		
		THIS DOCUMENT AND INFORMATION CONTAINED IN IT ARE CONFIDENTIAL, AND CANNOT BE COPIED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF YASKAWA AMERICA, INC.		TECH: J. BORJA	DATE 1-9-12	IP00 ENCLOSURE	
		APPROVED: J. CAIRO	DATE 1-10-12	DATE 1-10-12	SIZE A	REVISION R01	PAGE 1 of 4
		ORIGINAL DESIGN: -	DATE -	DRAWING #: DD.P1K.FR9.IP00			

TERMINAL AND WIRING DETAILS (SCALE 1:6)
FOR 6-PULSE INPUT DRIVES



TERMINAL AND WIRE SPECIFICATIONS FOR
MAIN CIRCUIT AND GROUND

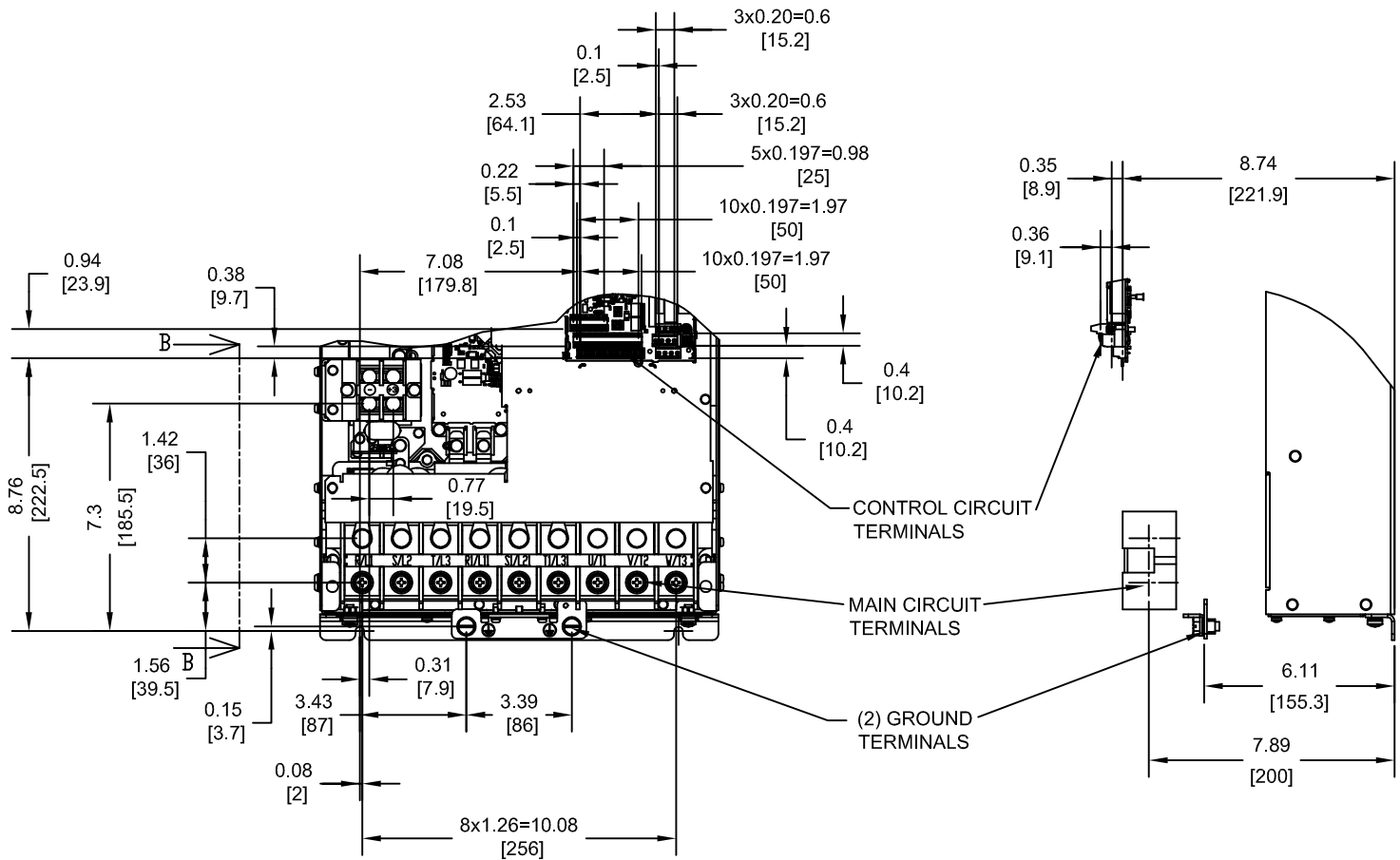
MODEL # CIMR-PU	TERMINAL SYMBOL	TERMINAL SCREW	CLAMPING TORQUE lb.in.(N.m.)	WIRE RANGE AWG(mm ²)
4A0088A 4A0103A	R/L1, S/L2, T/L3	M8	79.7 TO 97.4 (9 TO 11)	6-250kcmil (13.3-127)
	U/T1, V/T2, W/T3			
	⊖, ⊕1, ⊕3			
	B1, B2	M8	79.7 TO 97.4 (9 TO 11)	SEE NOTE
⊕				

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

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES / REFERENCES:			DRAWN: J. MATTAS DATE 12-9-11	TITLE: P1000 DIMENSION DRAWING FRAME SIZE 9 IP00 ENCLOSURE 4A0088A, 4A0103A, 4T0088A & 4T0103A	
			CHECKED: J. PIOTROWSKI DATE 1-5-12	REVISION R01	
			TECH: J. BORJA DATE 1-9-12	PAGE 2 of 4	
			APPROVED: J. CAIRO DATE 1-10-12	DRAWING #: DD.P1K.FR9.IP00	
			ORIGINAL DESIGN: - DATE -		
UNITS: IN [mm]	SCALE: BY VIEW				

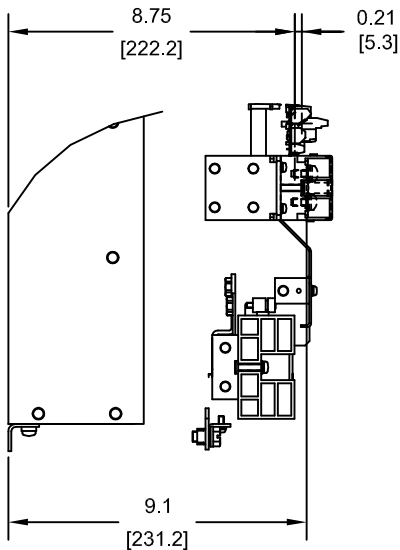
TERMINAL AND WIRING DETAILS (SCALE 1:6)
FOR 12-PULSE INPUT DRIVES



TERMINAL AND WIRE SPECIFICATIONS FOR
MAIN CIRCUIT AND GROUND

MODEL # CIMR-PU	TERMINAL SYMBOL	TERMINAL SCREW	CLAMPING TORQUE lb.in.(N.m.)	WIRE RANGE AWG(mm ²)
4T0088A 4T0103A	R/L1, S/L2, T/L3	M8	79.7 TO 97.4 (9 TO 11)	6-250kcmil (13.3-127)
	R1/L11, S1/L21, T1/L31			
	U/T1, V/T2, W/T3	M6	22.1 TO 26.6 (2.5 TO 3.0)	22-1/0 (0.3-53.5)
	⊖ ⊕3			
	⊕	M8	79.7 TO 97.4 (9 TO 11)	SEE NOTE

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

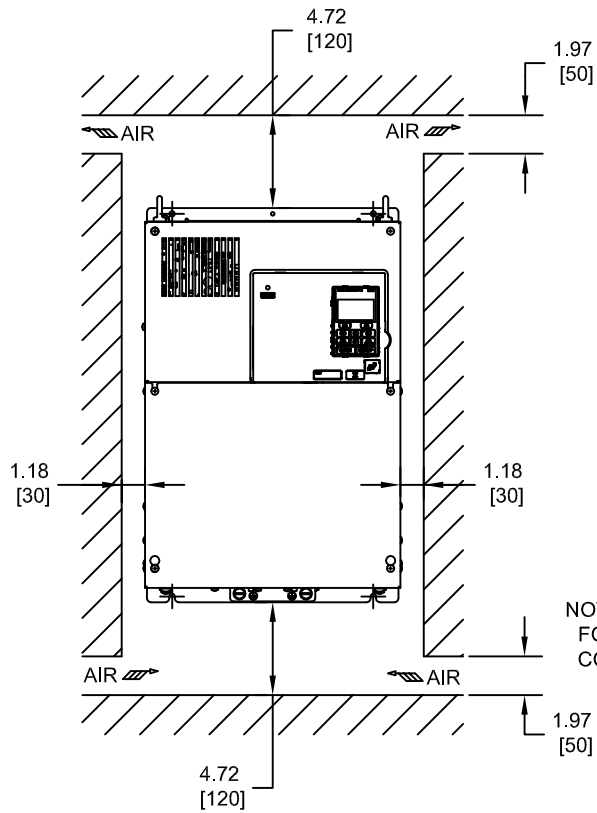


SECTION B-B

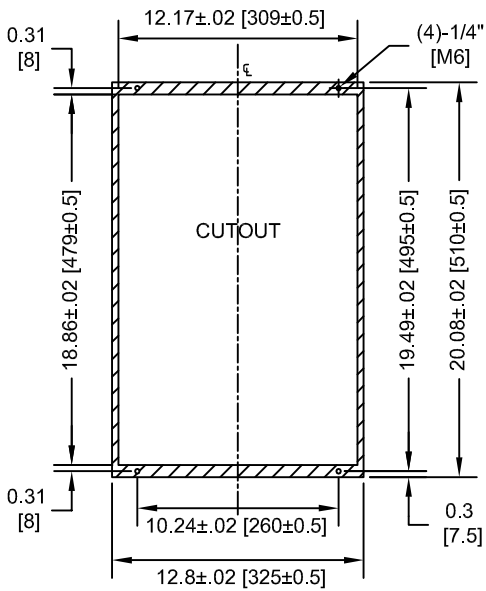
FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES / REFERENCES:			DRAWN: J. MATTAS DATE: 12-9-11	TITLE: P1000 DIMENSION DRAWING FRAME SIZE 9 IP00 ENCLOSURE 4A0088A, 4A0103A, 4T0088A & 4T0103A
UNITS: IN [mm] SCALE: BY VIEW			CHECKED: J. PIOTROWSKI DATE: 1-5-12	DATE: 1-9-12
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		APPROVED: J. CAIRO DATE: 1-10-12	DATE: -	DRAWING #: DD.P1K.FR9.IP00

MINIMUM INSTALLATION CLEARANCES (SCALE 1:10)



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



NOTE:
EXPOSED HEATSINK DEPTH
D=4.13" MINUS PANEL THICKNESS

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

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UNITS: IN [mm]	SCALE: BY VIEW		SIZE A	REVISION R01	PAGE 4 of 4
			DRAWING #: DD.P1K.FR9.IP00		