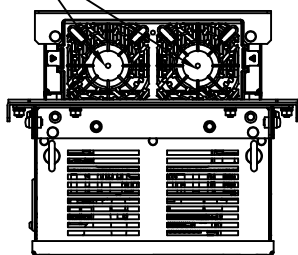
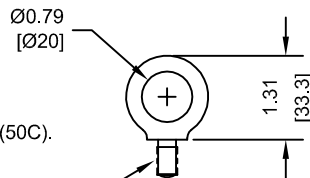


(2) EXTERNAL COOLING FANS



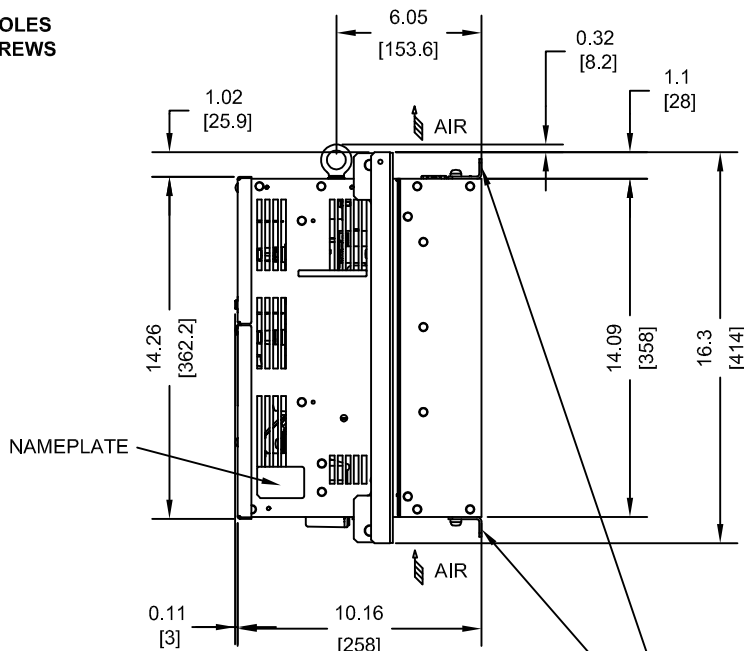
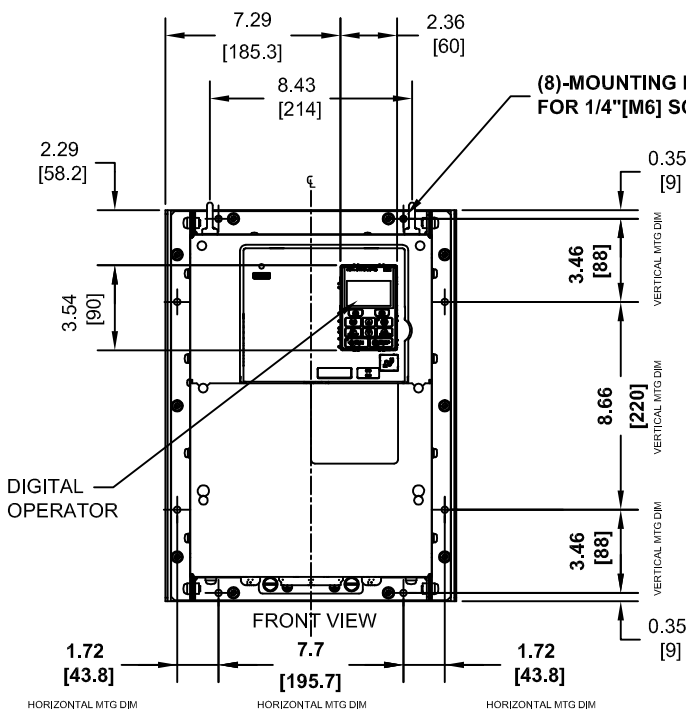
LIFTING AND EYEBOLT DETAILS



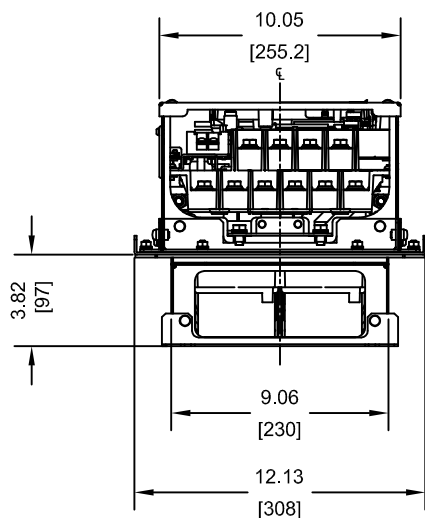
NOTE:
MAXIMUM SURROUNDING AIR
TEMPERATURE RATING IS 122F(50C).

NOTE:
SPREADER BAR REQUIRED TO
AVOID DAMAGE DURING LIFTING

(8)-MOUNTING HOLES FOR 1/4"[M6] SCREWS



(2)-MOUNTING BRACKETS
USED DURING TRANSPORT ONLY
REMOVE BEFORE INSTALLING



MODEL # CIMR-AU	INPUT TYPE	VOLTAGE 3-PHASE (VAC)	OUTPUT CURRENT (A)		WEIGHT LBS (Kg)	HEAT LOSS (W)					
						ND (Fc=2kHz)			HD (Fc=8kHz)		
						INT	EXT	TOT	INT	EXT	TOT
2A0110UXX	6 PULSE	200/240	110.0	85.0	50.6 (23)	286	719	1005	211	510	721
4A0058UXX	6 PULSE	380/480	58.0	45.0	50.6 (23)	215	471	686	170	349	519
4T0058UXX	12 PULSE	380/480	58.0	45.0	46.2 (21)	197	453	650	159	341	500

NOTE:
XX DENOTES AA-ZZ

INT=INTERNAL COMPONENTS
EXT=EXTERNAL HEATSINK
TOT=TOTAL

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES / REFERENCES:



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OF YASKAWA AMERICA, INC.

DRAWN:
J. MATTAS

DATE
1-4-12

CHECKED:
J. PIOTROWSKI

DATE
2-10-12

TECH:
J. BORJA

DATE
1-20-12

APPROVED:
J. CAIRO

DATE
4-6-12

ORIGINAL DESIGN:

DATE

TITLE:
A1000 DIMENSION DRAWING
FRAME SIZE 7
DESIGNED FOR IP54/TYPE 12 ENCLOSURES
2A0110U 4A0058U AND 4T0058U

SIZE
A

REVISION
R00

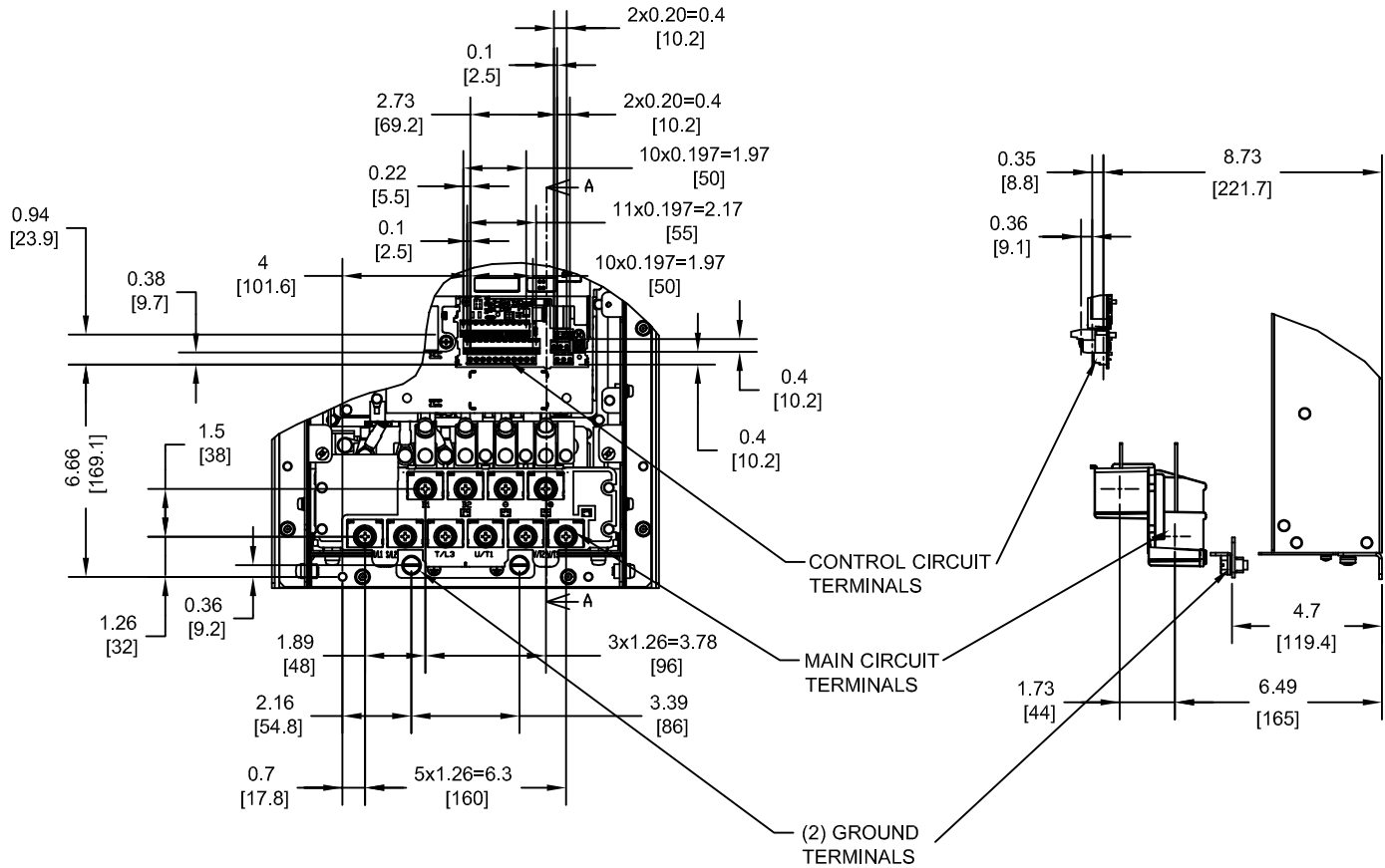
PAGE
1 of 4

DRAWING #:
DD.A1K.FR7.FLNG

UNITS:
IN [mm]

SCALE:
1:8

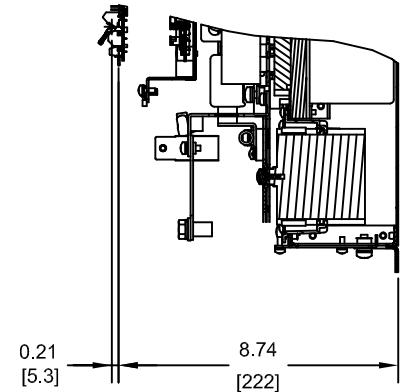
TERMINAL AND WIRING DETAILS (SCALE 1:6)
FOR 6-PULSE INPUT DRIVES



TERMINAL AND WIRE SPECIFICATIONS FOR
MAIN CIRCUIT AND GROUND

MODEL # CIMR-AU	TERMINAL SYMBOL	TERMINAL SCREW	CLAMPING TORQUE lb.in. (N.m.)	WIRE RANGE AWG(mm ²)
2A0110U 4A0058U	R/L1, S/L2, T/L3	M8	79.7 TO 97.4 (9 TO 11)	10-1/0 (5.3-53.5)
	U/T1, V/T2, W/T3			
	⊖, ⊕1			
	B1, B2	M8	79.7 TO 97.4 (9 TO 11)	SEE NOTE
	⊕			

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

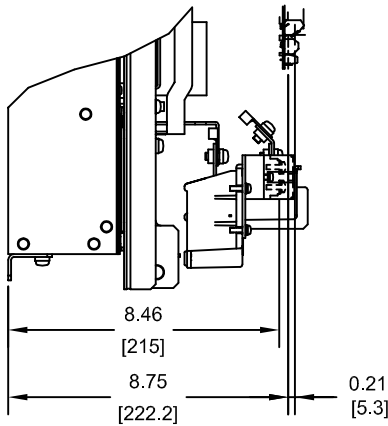
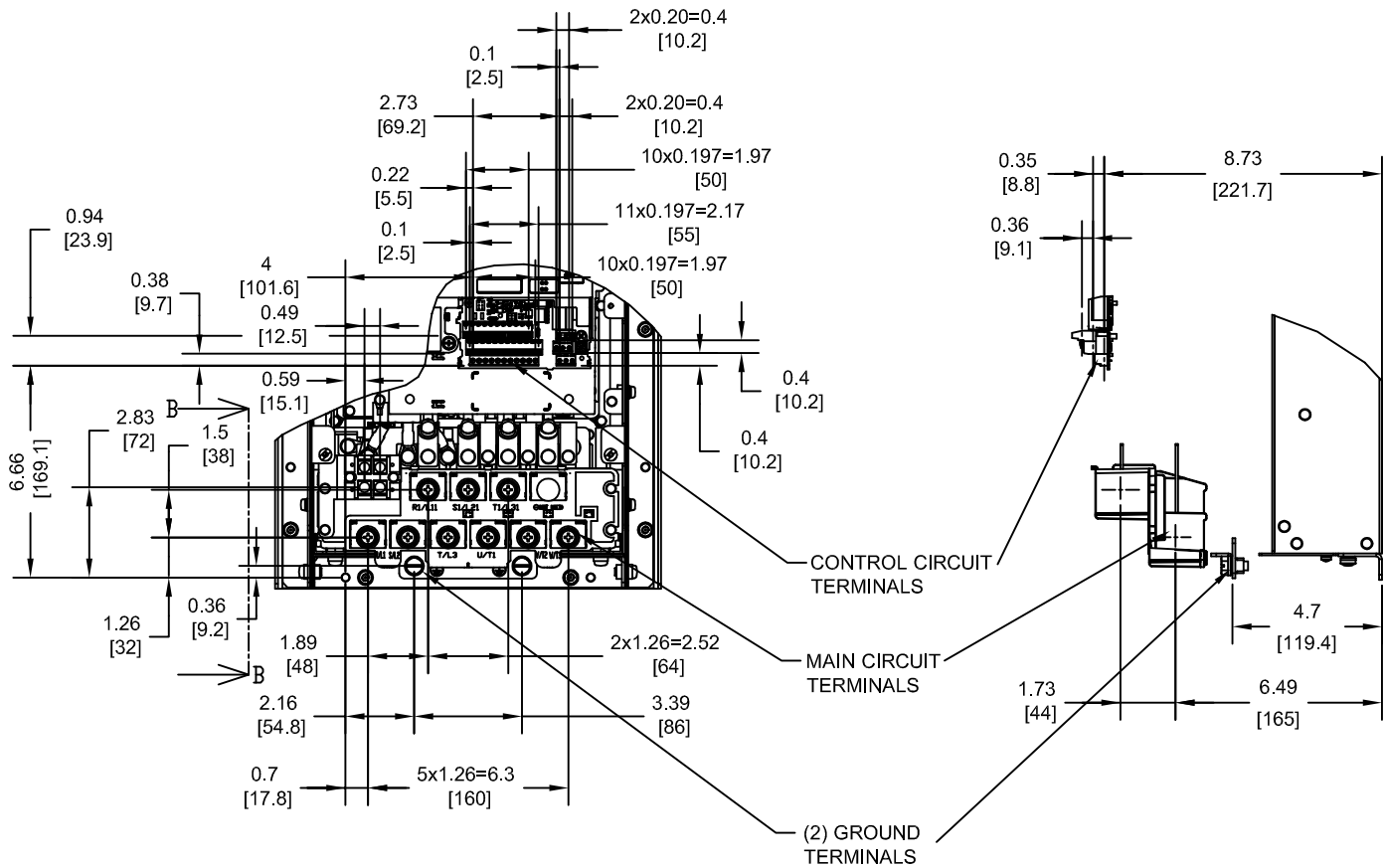


SECTION A-A

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES / REFERENCES:		 <i>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.</i>	DRAWN: J. MATTAS	DATE 1-4-12	TITLE: A1000 DIMENSION DRAWING FRAME SIZE 7 DESIGNED FOR IP54/TYPE 12 ENCLOSURES 2A0110U 4A0058U AND 4T0058U		
			CHECKED: J. PIOTROWSKI	DATE 2-10-12			
			TECH: J. BORJA	DATE 1-20-12			
			APPROVED: J. CAIRO	DATE 4-6-12			
UNITS: IN[mm]	SCALE: BY VIEW		ORIGINAL DESIGN: -	DATE -	SIZE A	REVISION R00	PAGE 2 of 4
					DRAWING #: DD.A1K.FR7.FLNG		

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



SECTION B-B

TERMINAL AND WIRE SPECIFICATIONS FOR
MAIN CIRCUIT AND GROUND

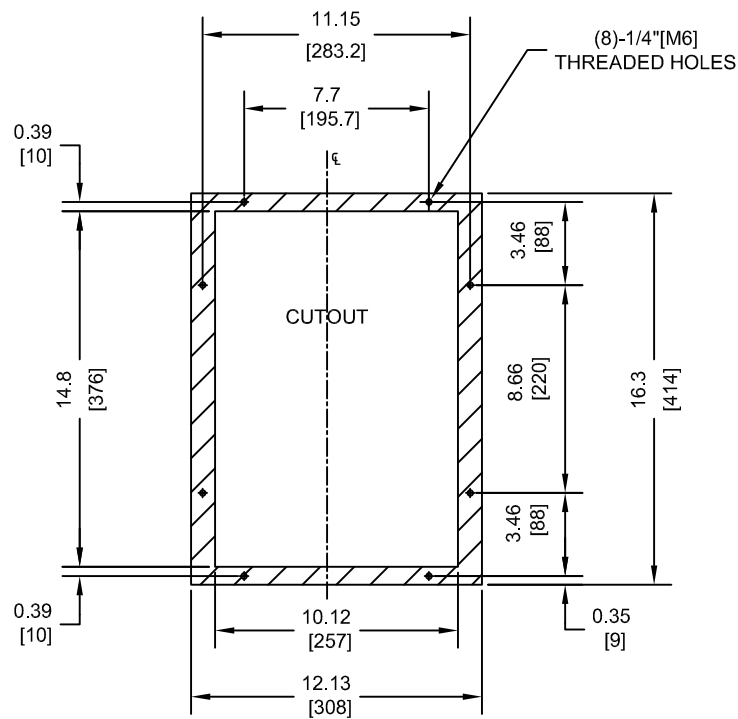
MODEL # CIMR-AU	TERMINAL SYMBOL	TERMINAL SCREW	CLAMPING TORQUE lb.in.(N.m.)	WIRE RANGE AWG(mm ²)
4T0058U	R/L1, S/L2, T/L3	M8	79.7 TO 97.4 (9 TO 11)	10-1/0 (5.3-53.5)
	R1/L11, S1/L21, T1/L31			
	U/T1, V/T2, W/T3			
	B1, B2	M4	10.6 (1.2)	22-10 (0.3-5.3)
	Ⓢ	M8	79.7 TO 97.4 (9 TO 11)	SEE NOTE

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

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

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UNITS: IN[mm]	SCALE: BY VIEW		ORIGINAL DESIGN: -	DATE -	DRAWING #: DD.A1K.FR7.FLNG		
					SIZE A	REVISION R00	PAGE 3 of 4

PANEL CUTOUT FOR EXTERNAL HEATSINK
MOUNTING CONFIGURATION (SCALE 1:8)



NOTES:

1. CUTOUT TOLERANCES:
+/- 0.02IN (0.5MM)
2. EXPOSED HEATSINK DEPTH
D=3.82" MINUS PANEL THICKNESS
3. MIN. RECOMMENDED PANEL
THICKNESS: 12 GA

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

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UNITS: IN[mm]	SCALE: BY VIEW	ORIGINAL DESIGN: -		DATE -		DRAWING #: DD.A1K.FR7.FLNG		
						SIZE A	REVISION R00	PAGE 4 of 4