

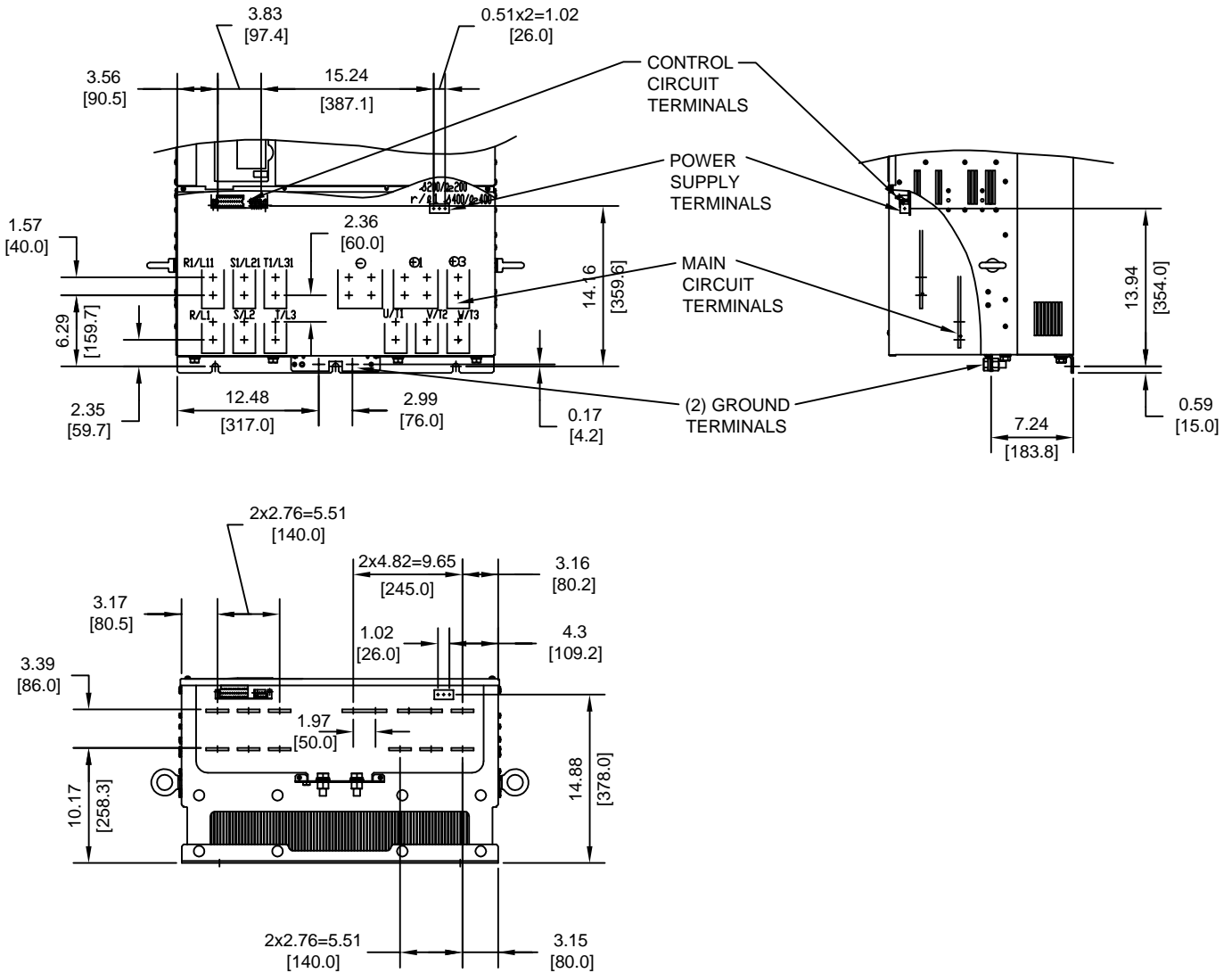
MODEL #	VOLTAGE (VAC)	OUTPUT CURRENT (A)	WEIGHT LBS (Kg)	HEAT LOSS (W)		
				INT	EXT	TOTAL
4185	480	370	579 (263)	1995	4436	6431
4220		450	616 (280)	2205	5329	7533

INT=INTERNAL COMPONENTS
EXT=EXTERNAL HEATSINK

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES/REFERENCES: - - - - -	 YASKAWA <i>A World of Automation Solutions™</i> YASKAWA ELECTRIC AMERICA, INC. Corporate Headquarters 2121 Norman Drive South Waukegan, IL 60085 1-800-YASKAWA http://www.yaskawa.com	DRAWN: J. MATTAS	DATE: 3-1-04	TITLE: G7 DIMENSION DRAWING		
		CHECKED: E. KU	DATE: 4-4-04	FRAME SIZE 14		
		TECH: J. CAIRO	DATE: 4-2-04	IP00 ENCLOSURE		
		APPROVED: T. SASADA	DATE: 4-7-02	SIZE: A	REVISION: -	PAGE: 1 of 3
		ORIGINAL DESIGN: -	DATE: -	DD.G7.FR14.IP00.01		

TERMINAL AND WIRING DETAILS (SCALE 1:15)



TERMINAL AND WIRE SPECIFICATIONS FOR
MAIN CIRCUIT AND GROUND

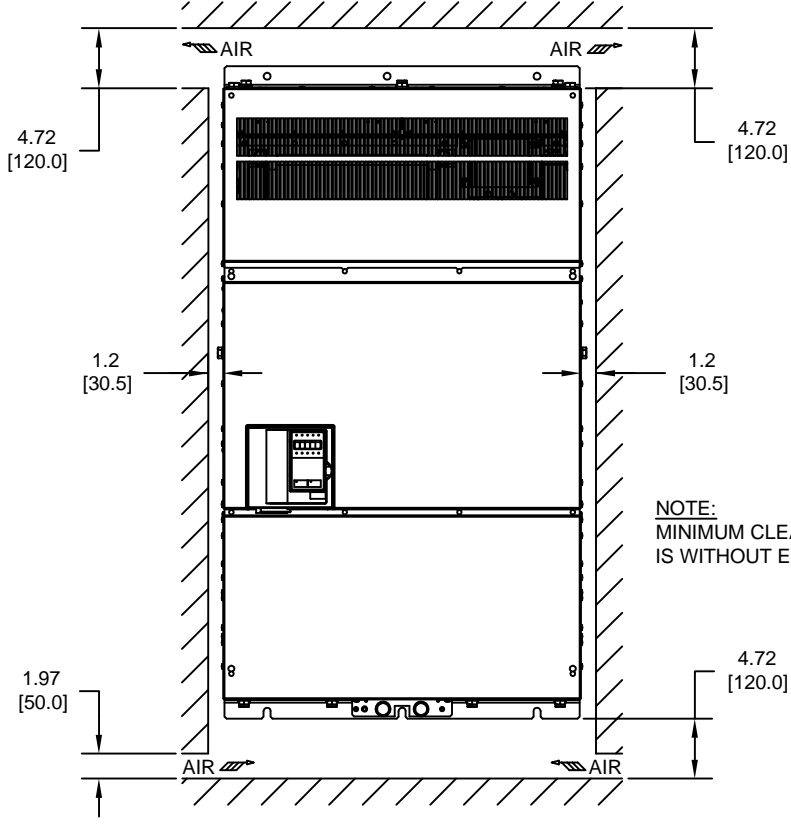
MODEL # CIMR-G7U	TERMINAL SYMBOL	TERMINAL SCREW	CLAMPING TORQUE lb.in.(N.m.)
4185	R/L1, S/L2, T/L3, \odot , \oplus 1, \oplus 2, \oplus 3, U/T1, V/T2, W/T3, R1/L11, S1/L21, T1/L31	M16	694 TO 867 (78.4 TO 98.0)
	r/l1, s200/l2200, s400/l2400	M4	11.4 TO 12.3 (1.3 TO 1.4)
4220	R/L1, S/L2, T/L3, \odot , \oplus 1, \oplus 2, \oplus 3, U/T1, V/T2, W/T3, R1/L11, S1/L21, T1/L31	M16	694 TO 867 (78.4 TO 98.0)
	r/l1, s200/l2200, s400/l2400	M4	11.4 TO 12.3 (1.3 TO 1.4)

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

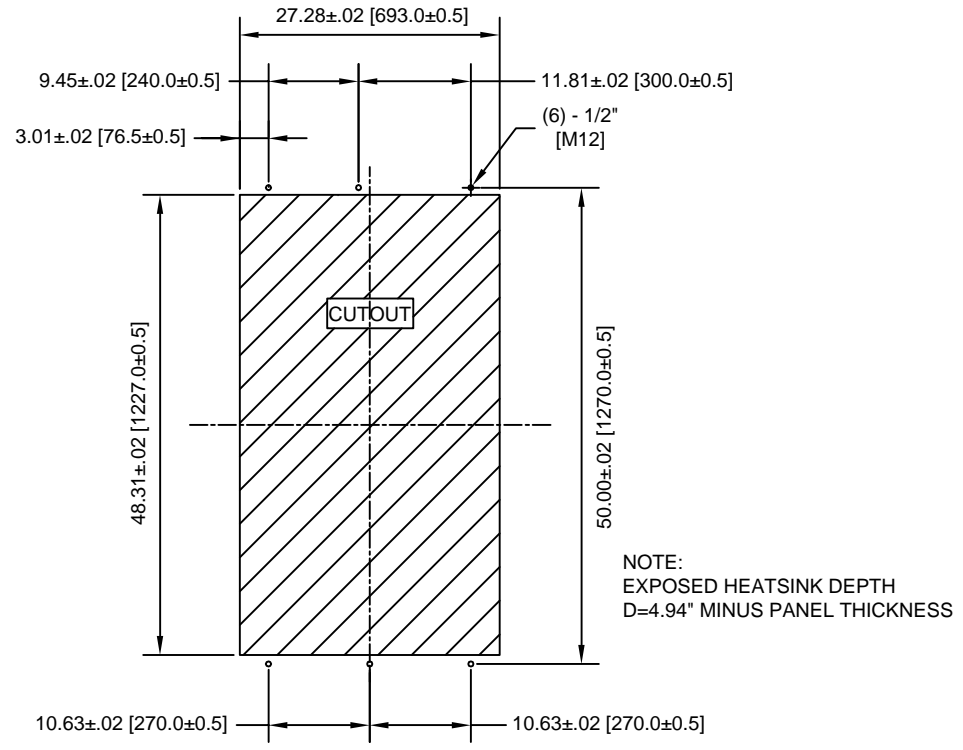
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		CHECKED: E. KU	DATE: 4-4-04	FRAME SIZE 14 IP00 ENCLOSURE		
		TECH: J. CAIRO	DATE: 4-2-04	G7U4185, 4220		
		APPROVED: T. SASADA	DATE: 4-7-04	SIZE: A	REVISION: -	PAGE: 2 of 3
UNITS: IN[mm]	SCALE: BY VIEW	ORIGINAL DESIGN: -	DATE: -	DRAWING #: DD.G7.FR14.IP00.01		

MINIMUM INSTALLATION CLEARANCES (SCALE 1:15)




PANEL CUTOUT FOR EXTERNAL HEATSINK MOUNTING CONFIGURATION (SCALE 1:20)



NOTE:
EXPOSED HEATSINK DEPTH
D=4.94" MINUS PANEL THICKNESS

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