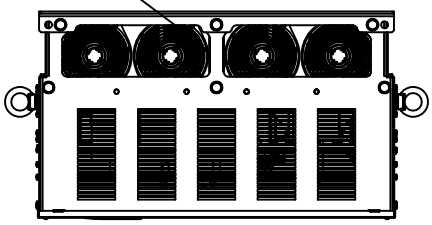
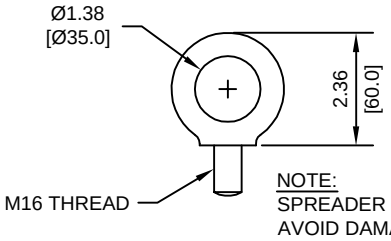
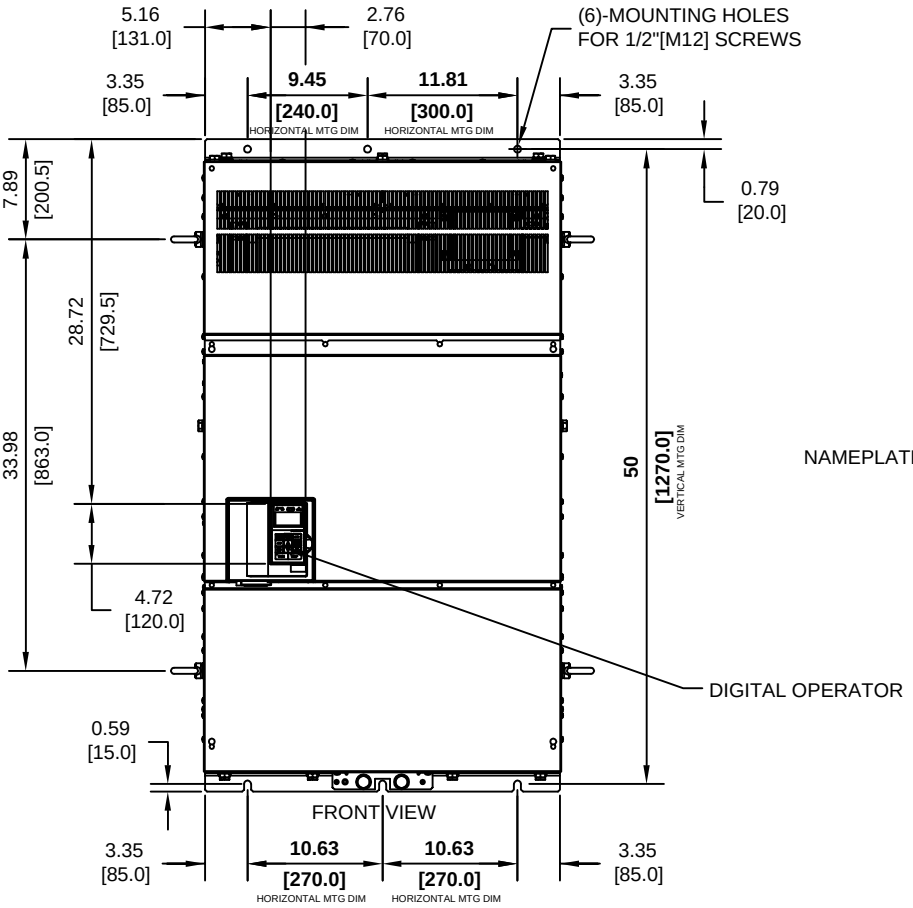
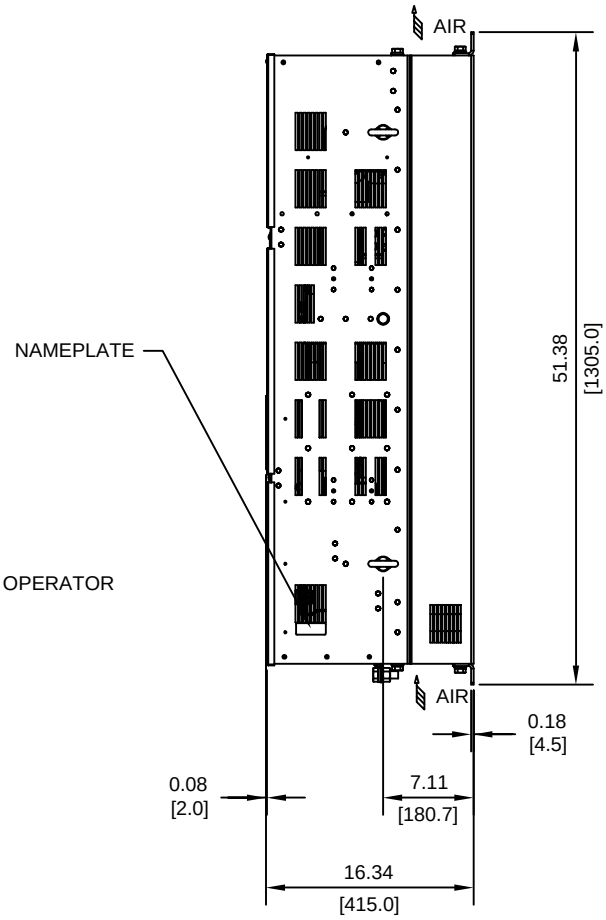


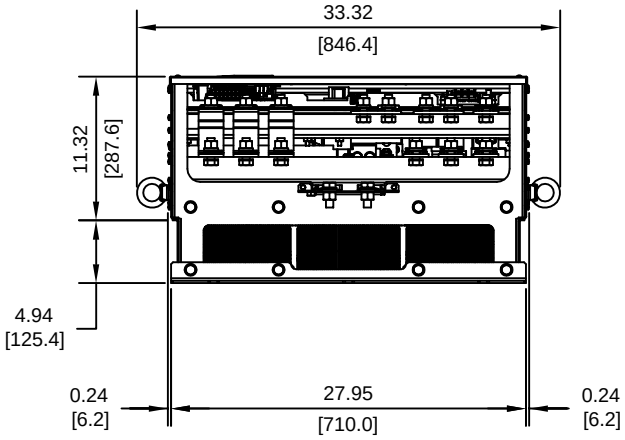
LIFTING AND EYEBOLT DETAILS



NOTE:
SPREADER BAR REQUIRED TO
AVOID DAMAGE DURING LIFTING







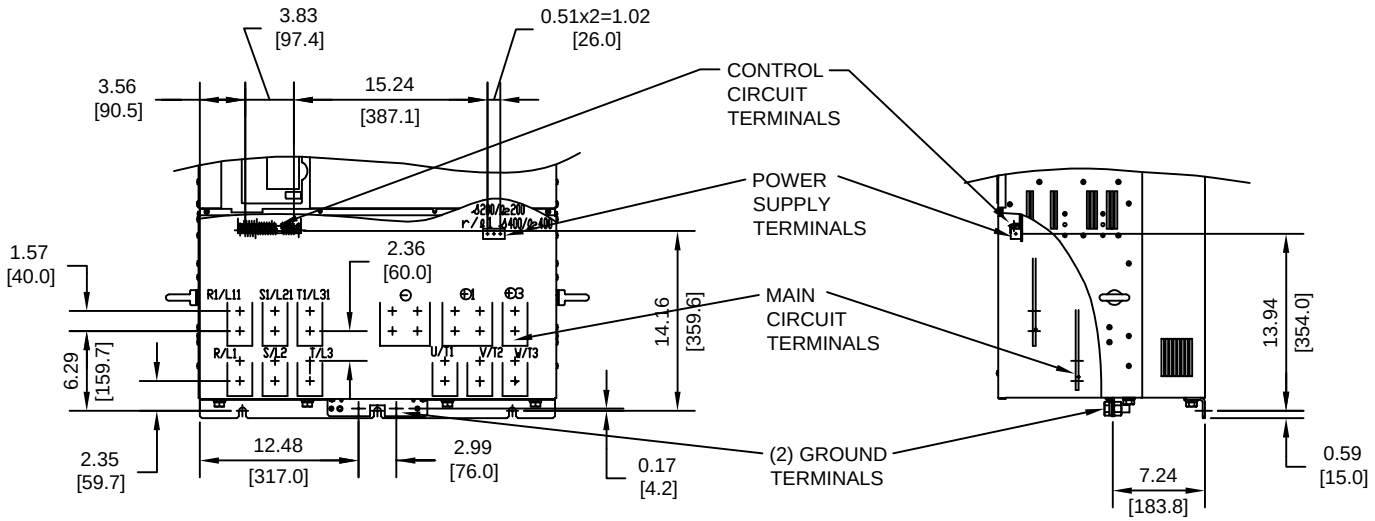
MODEL # CIMR-P7U	VOLTAGE (VAC)	OUTPUT CURRENT (A)	WEIGHT LBS (Kg)	HEAT LOSS (W)		
				INT	EXT	TOTAL
4185	480	414	572 (260)	1328	2636	3964
4220		515	616 (280)	1712	3797	5509

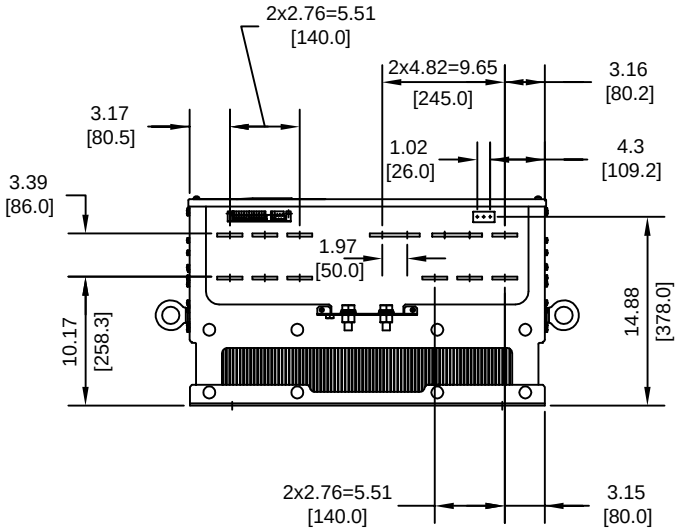
INT=INTERNAL COMPONENTS
EXT=EXTERNAL HEATSINK

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES/REFERENCES: - - - - - -	YASKAWA A World of Automation Solutions™	DRAWN: J. MATTAS	DATE 5-2-05	TITLE: P7 DIMENSION DRAWING FRAME SIZE 14 IP00 ENCLOSURE P7U4185, 4220
	YASKAWA ELECTRIC AMERICA, INC. Corporate Headquarters 2121 Norman Drive South Waukegan, IL 60085 1-800-YASKAWA http://www.yaskawa.com	CHECKED: M. RUCINSKI	DATE 6-6-05	SIZE A / REVISION R00 / PAGE 1 of 3
		TECH: J. CAIRO	DATE 5-4-05	
		APPROVED: T. SASADA	DATE 6-6-05	
UNITS: IN[mm] / SCALE: 1:15		ORIGINAL DESIGN: -	DATE -	DRAWING #: DD.P7.FR14.IP00.01

TERMINAL AND WIRING DETAILS (SCALE 1:15)





TERMINAL AND WIRE SPECIFICATIONS FOR
MAIN CIRCUIT AND GROUND

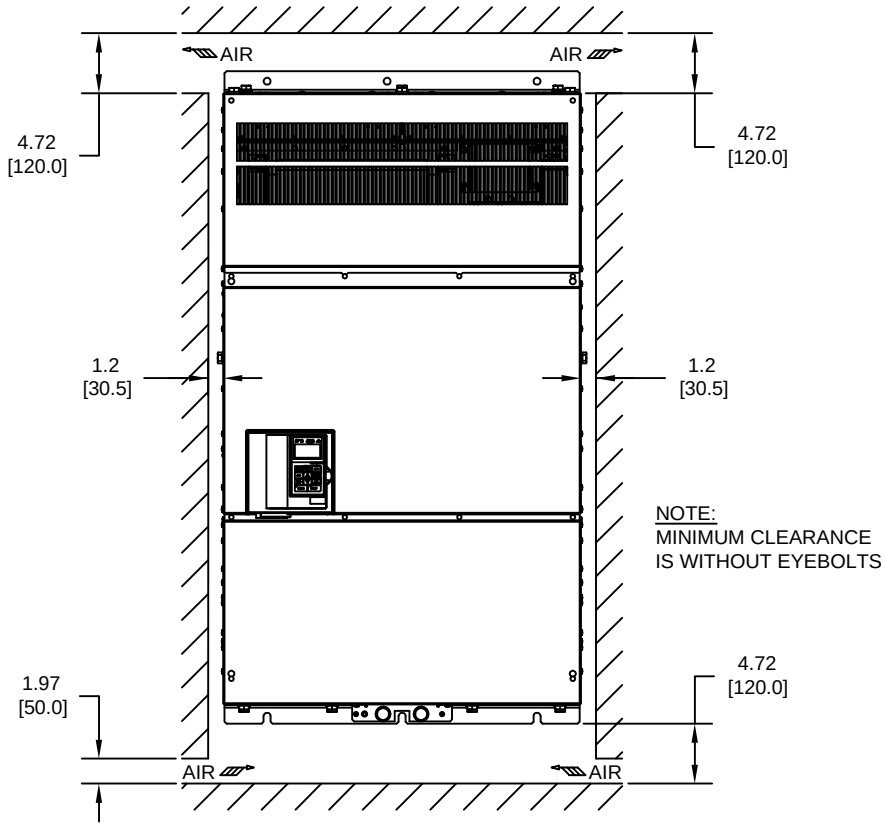
MODEL # CIMR-P7U	TERMINAL SYMBOL	TERMINAL SCREW	CLAMPING TORQUE lb.in.(N.m.)
4185	R/L1, S/L2, T/L3, ⊖, ⊕1, ⏚, ⊕3, U/T1, V/T2, W/T3, R1/L11, S1/L21, T1/L31	M16	694 TO 867 (78.4 TO 98.0)
	r/l1, s200/l2200, s400/l2400	M4	11.4 TO 12.3 (1.3 TO 1.4)
4220	R/L1, S/L2, T/L3, ⊖, ⊕1, ⏚, ⊕3, U/T1, V/T2, W/T3, R1/L11, 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

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

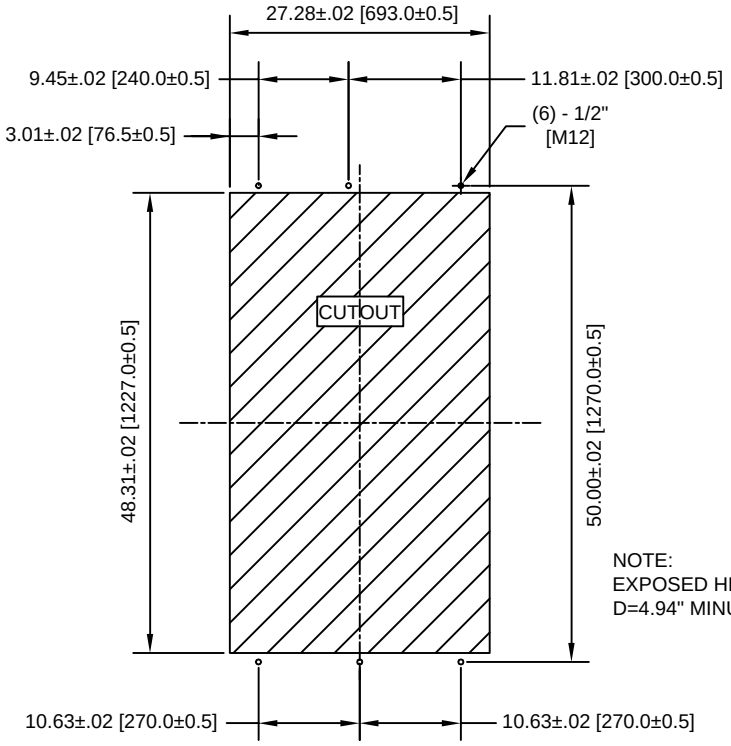
TOLERANCES/REFERENCES: - - - - - -	YASKAWA A World of Automation Solutions™	DRAWN: J. MATTAS	DATE 5-2-05	TITLE: P7 DIMENSION DRAWING FRAME SIZE 14 IP00 ENCLOSURE P7U4185, 4220
	YASKAWA ELECTRIC AMERICA, INC. Corporate Headquarters 2121 Norman Drive South Waukegan, IL 60085 1-800-YASKAWA http://www.yaskawa.com	CHECKED: M. RUCINSKI	DATE 6-6-05	SIZE A / REVISION R00 / PAGE 2 of 3
		TECH: J. CAIRO	DATE 5-4-05	
		APPROVED: T. SASADA	DATE 6-6-05	
UNITS: IN[mm] / SCALE: BY VIEW		ORIGINAL DESIGN: -	DATE -	DRAWING #: DD.P7.FR14.IP00.01

MINIMUM INSTALLATION CLEARANCES (SCALE 1:15)



NOTE:
MINIMUM CLEARANCE
IS WITHOUT EYEBOLTS

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



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

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

TOLERANCES/REFERENCES: - - - - - -	YASKAWA A World of Automation Solutions™	DRAWN: J. MATTAS	DATE 5-2-05	TITLE: P7 DIMENSION DRAWING FRAME SIZE 14 IP00 ENCLOSURE P7U4185, 4220
	YASKAWA ELECTRIC AMERICA, INC. Corporate Headquarters 2121 Norman Drive South Waukegan, IL 60085 1-800-YASKAWA http://www.yaskawa.com	CHECKED: M. RUCINSKI	DATE 6-6-05	SIZE A / REVISION R00 / PAGE 3 of 3
		TECH: J. CAIRO	DATE 5-4-05	
		APPROVED: T. SASADA	DATE 6-6-05	
UNITS: IN[mm] / SCALE: BY VIEW		ORIGINAL DESIGN: -	DATE -	DRAWING #: DD.P7.FR14.IP00.01