

(4) Mounting Holes for M6 [1/4"] Screws. See Detail A for top mounting hole dimensions.

Keypad

Nameplate

Cooling fan location

Air

5 [0.20]

8 [0.31]

Ø7 [Ø0.28]

Ø13 [Ø0.51]

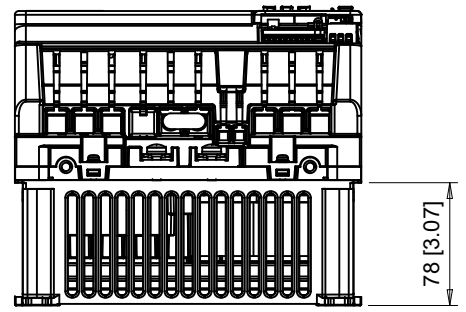
**Detail A**  
Top mounting hole dimensions  
Scale 1:1

Air

5 [0.20]

2.7 [0.11]

187 [7.36]



C/C:	INPUT VOLTAGE (VAC)	WEIGHT Kg (lb)	COOLING FANS
GA50□			
2070□□□	200 TO 240	7.5 (16.5)	2
2082□□□	3-PHASE	8.0 (17.6)	2

□ denotes A-Z

**YASKAWA**

UNITS MM [IN]  
SCALE 1:5

DRWN.	J. MATTAS	6-4-19
CHKD.	J. PIOTROWSKI	7-30-19
TECH.	L. UDDIN	8-7-19
APRV.	J. CAIRO	9-11-19

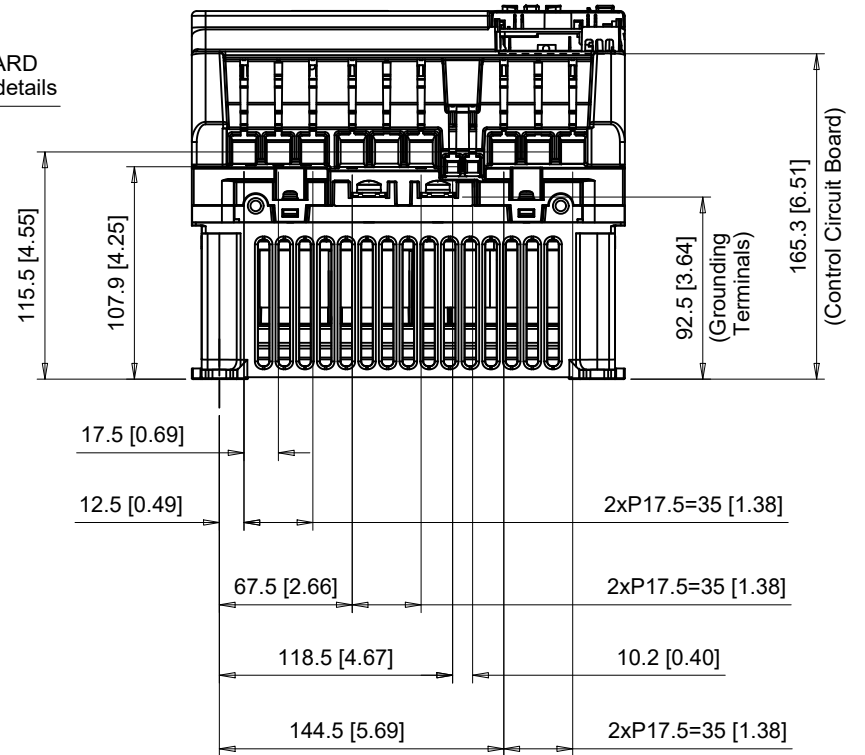
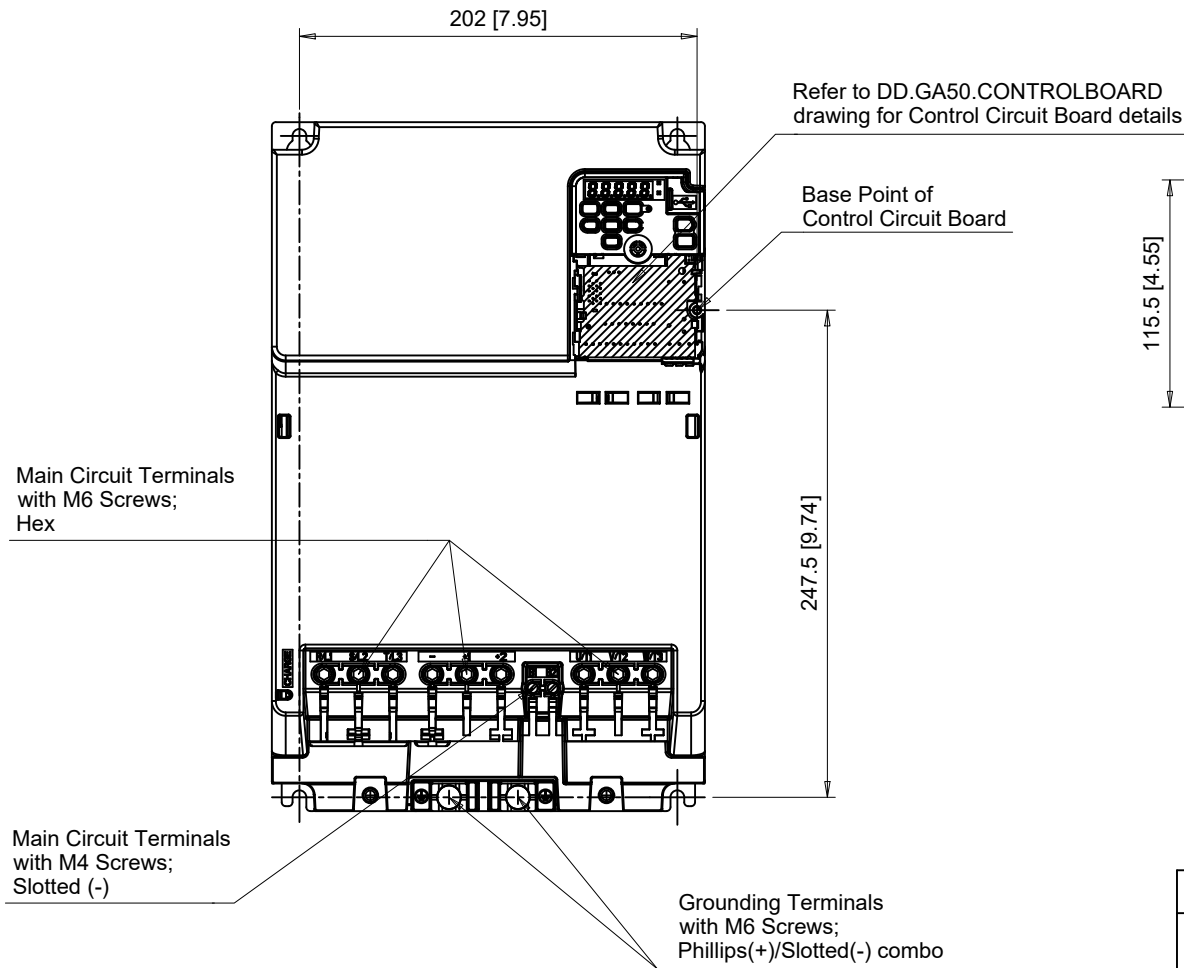
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GA500 DIMENSION DRAWING  
FRAME SIZE 7  
IP20 ENCLOSURE

SIZE A PAGE 1 OF 3  
DWG.NO. DD.GA50.FR7.IP20

REV 0

**FRONT VIEW**

**BOTTOM VIEW**



C/C: GA50□	TERMINAL SYMBOL	WIRE RANGE AWG (mm <sup>2</sup> )	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
2070□□□	R/L1, S/L2, T/L3	14 - 2/0 (2.5 - 70)	M6	5.5 (49)
	U/T1, V/T2, W/T3	14 - 2/0 (2.5 - 70)	M6	5.5 (49)
2082□□□	-, +1, +2	14 - 2/0 (2.5 - 70)	M6	5.5 (49)
	B1, B2	14 - 6 (2.5 - 16)	M4	1.7 (15)
	⊕	6 - 4 (16 - 25)	M6	5.4 - 6.0 (47.8 - 53.1)

□ Denotes A-Z

Note: Refer to applicable codes and standards for proper wire type and size.

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UNITS MM [IN]  
SCALE 1:4

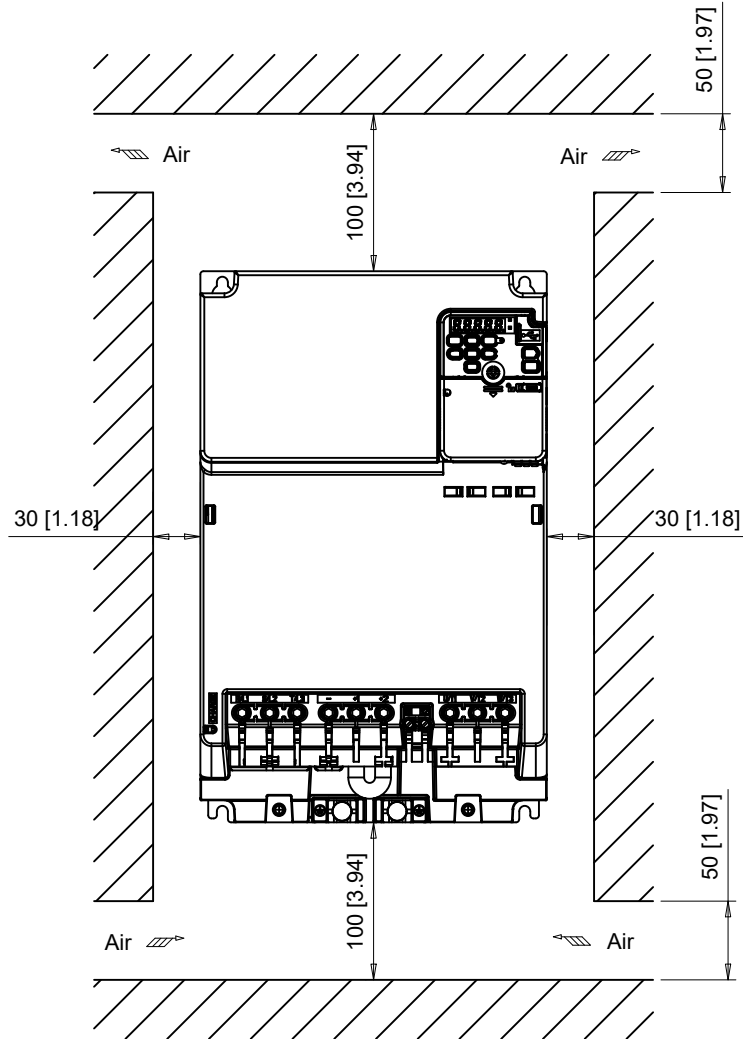
DRWN. J. MATTAS 6-4-19  
CHKD. J. PIOTROWSKI 7-30-19  
TECH. L. UDDIN 8-7-19  
APRV. J. CAIRO 9-11-19

TITLE  
GA500 DIMENSION DRAWING  
FRAME SIZE 7  
IP20 ENCLOSURE

SIZE A PAGE 2 OF 3  
DWG.NO. DD.GA50.FR7.IP20

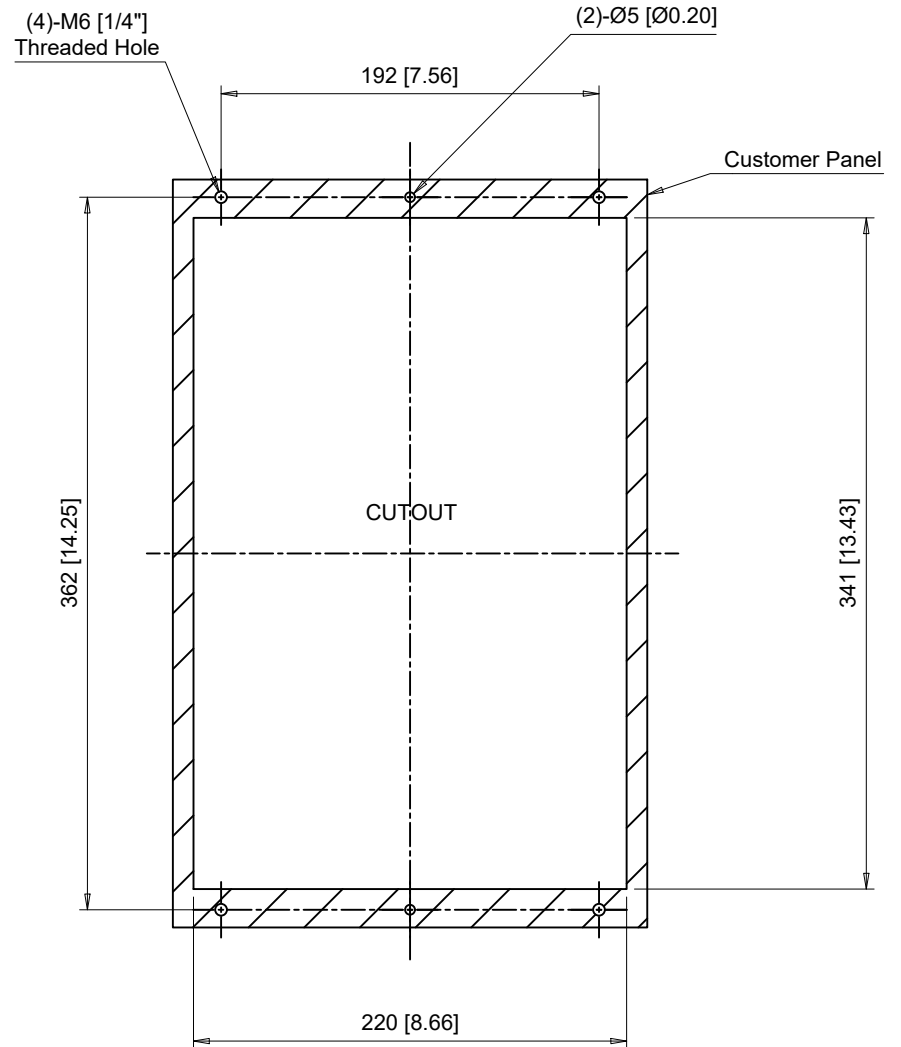
REV  
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Minimum Installation Clearances  
Scale 1:5



Note:  
For alternate mounting configurations, consult manual.

Panel Cutout  
For External Heatsink Mounting Configuration  
Scale 1:4



Notes:  
Exposed heatsink minimum clearance = 83 [3.27].  
Refer to external heatsink instructions document for additional details.

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UNITS MM [IN]  
SCALE ABOVE

DRWN.	J. MATTAS	6-4-19
CHKD.	J. PIOTROWSKI	7-30-19
TECH.	L. UDDIN	8-7-19
APRV.	J. CAIRO	9-11-19

TITLE  
GA500 DIMENSION DRAWING  
FRAME SIZE 7  
IP20 ENCLOSURE

SIZE A  
PAGE 3 OF 3  
DWG.NO.  
DD.GA50.FR7.IP20

REV  
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