

C/C:	INPUT VOLTAGE (VAC)	WEIGHT Kg (lb)	COOLING FANS
GA50□	200 TO 240 3-PHASE	0.9 (2.0)	1

□ denotes A-Z

YASKAWA

UNITS MM [IN]
SCALE 1:2

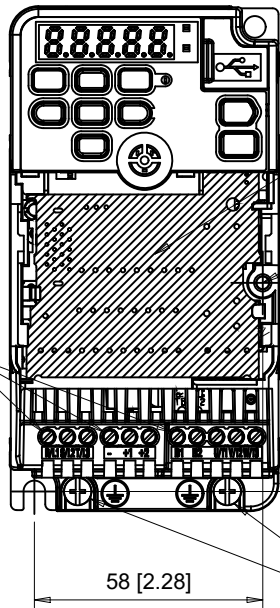
DRWN.	J. MATTAS	5-28-19
CHKD.	J. PIOTROWSKI	7-29-19
TECH.	L. UDDIN	8-7-19
APRV.	J. CAIRO	8-22-19

TITLE
GA500 DIMENSION DRAWING
FRAME SIZE 1.4
IP20 ENCLOSURE

SIZE A PAGE 1 OF 3
DWG.NO. DD.GA50.FR1.4.IP20

REV 0

FRONT VIEW



Main Circuit Terminals with M3 Screws; Slotted (-)

Refer to DD.GA50.CONTROLBOARD drawing for Control Circuit Board details

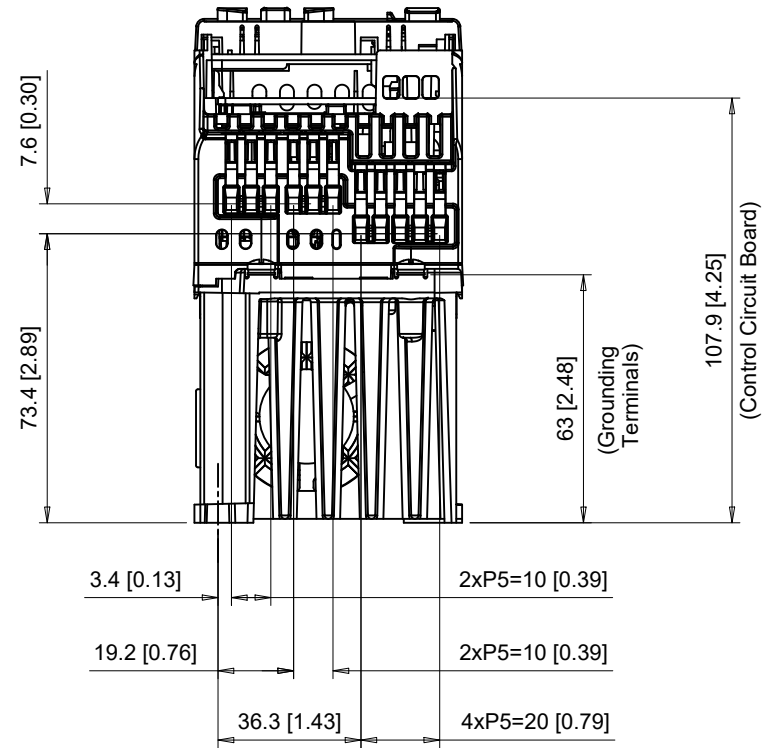
Base Point of Control Circuit Board

53 [2.09]

58 [2.28]

Grounding Terminals with M3.5 Screws; Phillips(+)/Slotted(-) combo

BOTTOM VIEW



C/C: GA50□	TERMINAL SYMBOL	WIRE RANGE AWG (mm ²)	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
2006□□□	R/L1, S/L2, T/L3	14 - 12 (2.5 - 4)	M3	0.6 - 0.8 (5 - 7)
	U/T1, V/T2, W/T3	14 - 12 (2.5 - 4)	M3	0.6 - 0.8 (5 - 7)
	-, +1, +2	14 - 12 (2.5 - 4)	M3	0.6 - 0.8 (5 - 7)
	B1, B2	14 - 12 (2.5 - 4)	M3	0.6 - 0.8 (5 - 7)
	⊕	14 (2.5)	M3.5	0.8 - 1.0 (7 - 9)

□ Denotes A-Z

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

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UNITS MM [IN]
SCALE 1:2

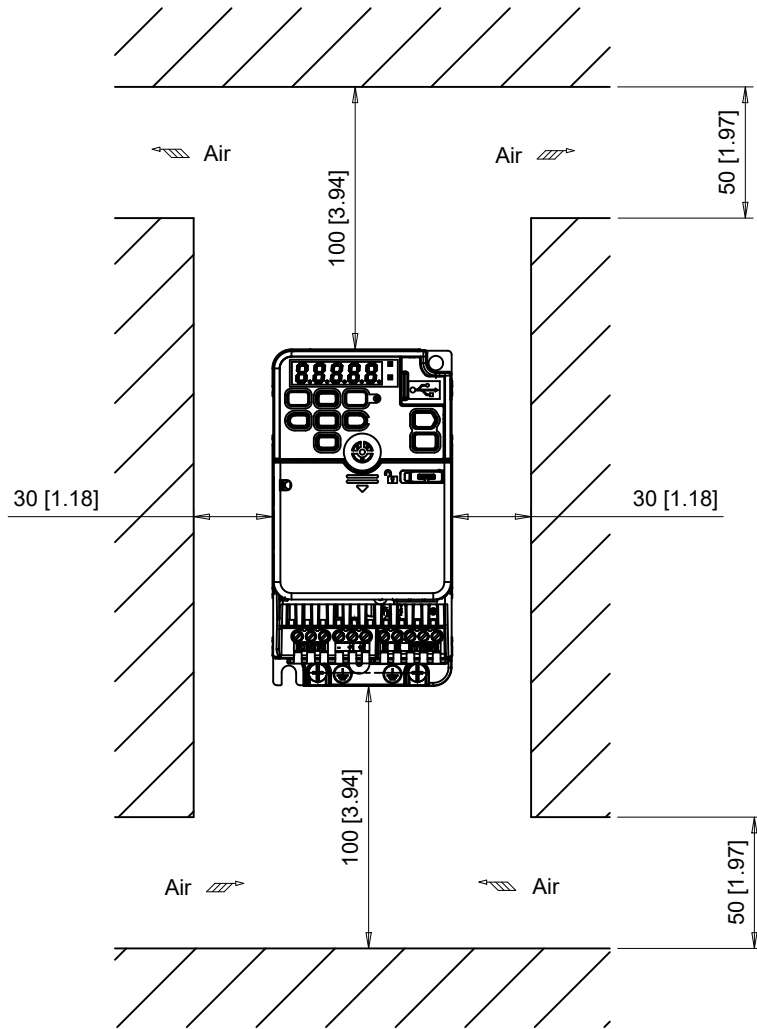
DRWN.	J. MATTAS	5-28-19
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GA500 DIMENSION DRAWING
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IP20 ENCLOSURE

SIZE A
PAGE 2 OF 3
DWG.NO.
DD.GA50.FR1.4.IP20

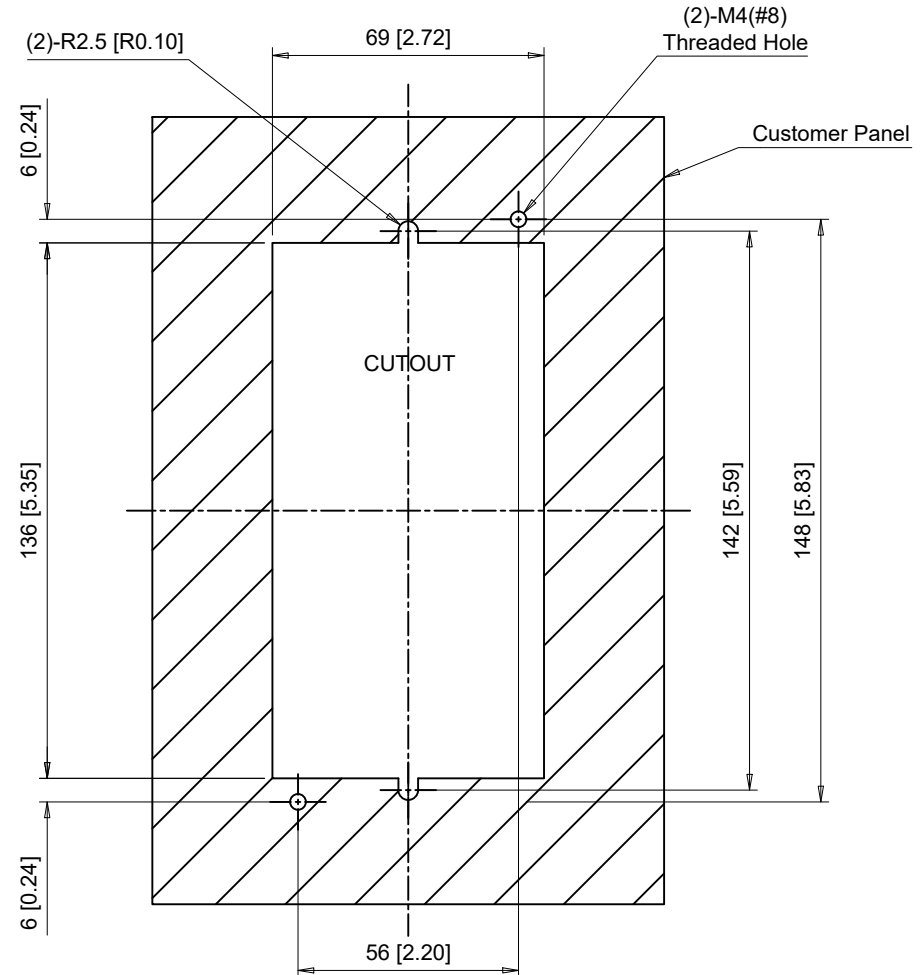
REV
0

Minimum Installation Clearances
Scale 1:3



Note:
For alternate mounting configurations, consult manual.

Panel Cutout
For External Heatsink Mounting Configuration
Scale 1:2



Notes:
Exposed heatsink minimum clearance = 63.5 [2.50].
Refer to external heatsink instructions document for additional details.

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UNITS MM [IN]
SCALE ABOVE

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GA500 DIMENSION DRAWING
FRAME SIZE 1.4
IP20 ENCLOSURE

SIZE A
PAGE 3 OF 3
DWG.NO.
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REV
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