

*Note: When mounting the drive directly to an enclosure panel wall, be sure to remove the DIN rail attachments first

C/C: GA51□	INPUT VOLTAGE (VAC)	WEIGHT Kg (lb)	COOLING FANS
2021□□□	200 TO 240 3-PHASE	2.3 (5.1)	1
4012□□□	380 TO 480 3-PHASE	2.3 (5.1)	1

□ denotes A-Z

1	ADJUSTED INCH HEIGHT
0	INITIAL RELEASE



	UNITS MM [IN]
	SCALE 1:3

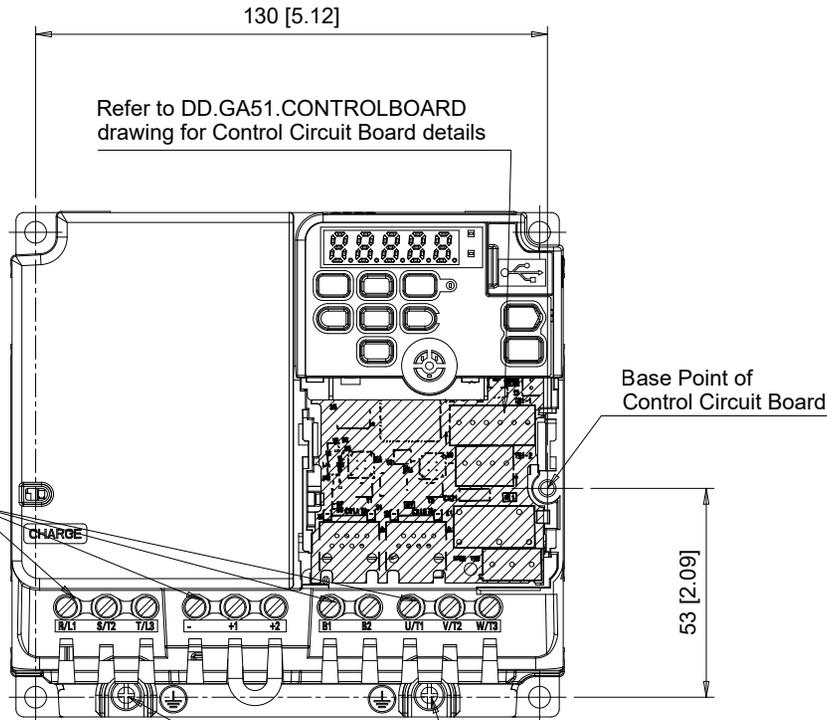
DRWN.	J. MATTAS	11-26-25
CHKD.	J. PIOTROWSKI	12-4-25
TECH.	L. UDDIN	12-8-25
APRV.	M. BAUMGARDNER	12-17-25

TITLE
GA501 DIMENSION DRAWING
FRAME SIZE 3.1
IP20 ENCLOSURE
WITH DIN RAIL ATTACHMENTS

SIZE	A	PAGE	1 OF 3
DWG.NO.	DD.GA51.FR3.1.IP20.DIN		

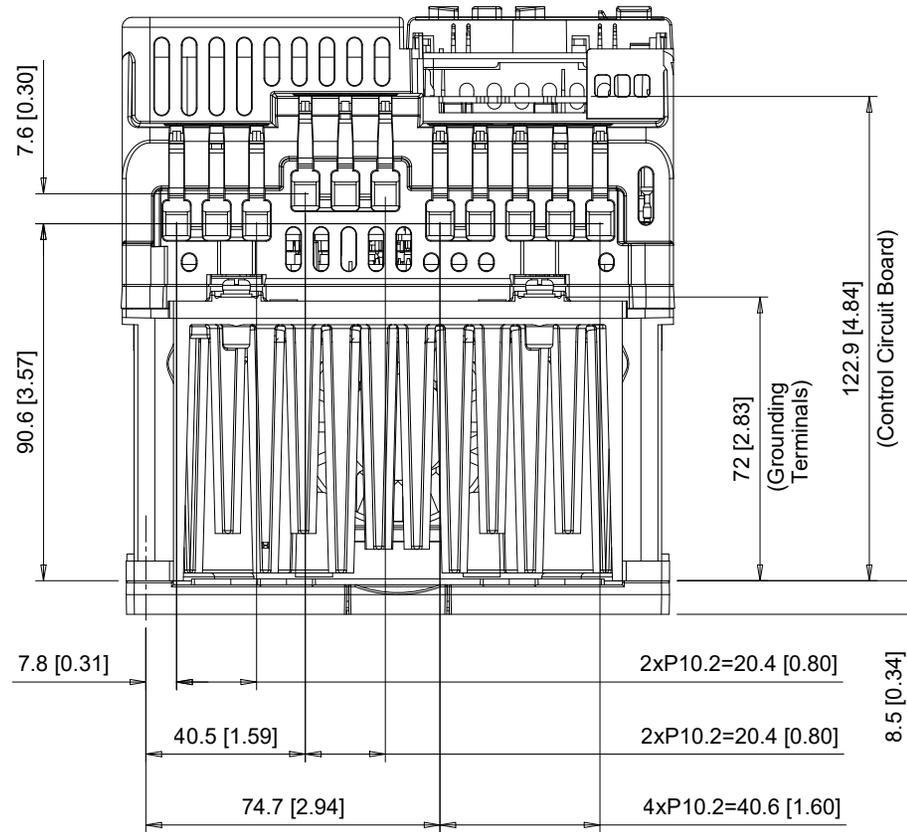
REV
1

FRONT VIEW



Grounding Terminals with M4 Screws; Phillips(+)/Slotted(-) combo

BOTTOM VIEW

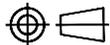


C/C:	TERMINAL SYMBOL	WIRE RANGE AWG (mm ²)	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
GA51□	R/L1, S/L2, T/L3	14 - 6 (2.5 - 16)	M4	1.7 (15)
2021□□□	U/T1, V/T2, W/T3	14 - 6 (2.5 - 16)	M4	1.7 (15)
4012□□□	-, +1, +2	14 - 6 (2.5 - 16)	M4	1.7 (15)
	B1, B2	14 - 6 (2.5 - 16)	M4	1.7 (15)
	⊕	14 - 10 (2.5 - 6)	M4	1.2 - 1.5 (11 - 13)

□ Denotes A-Z

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

YASKAWA



UNITS MM [IN]
SCALE 1:2

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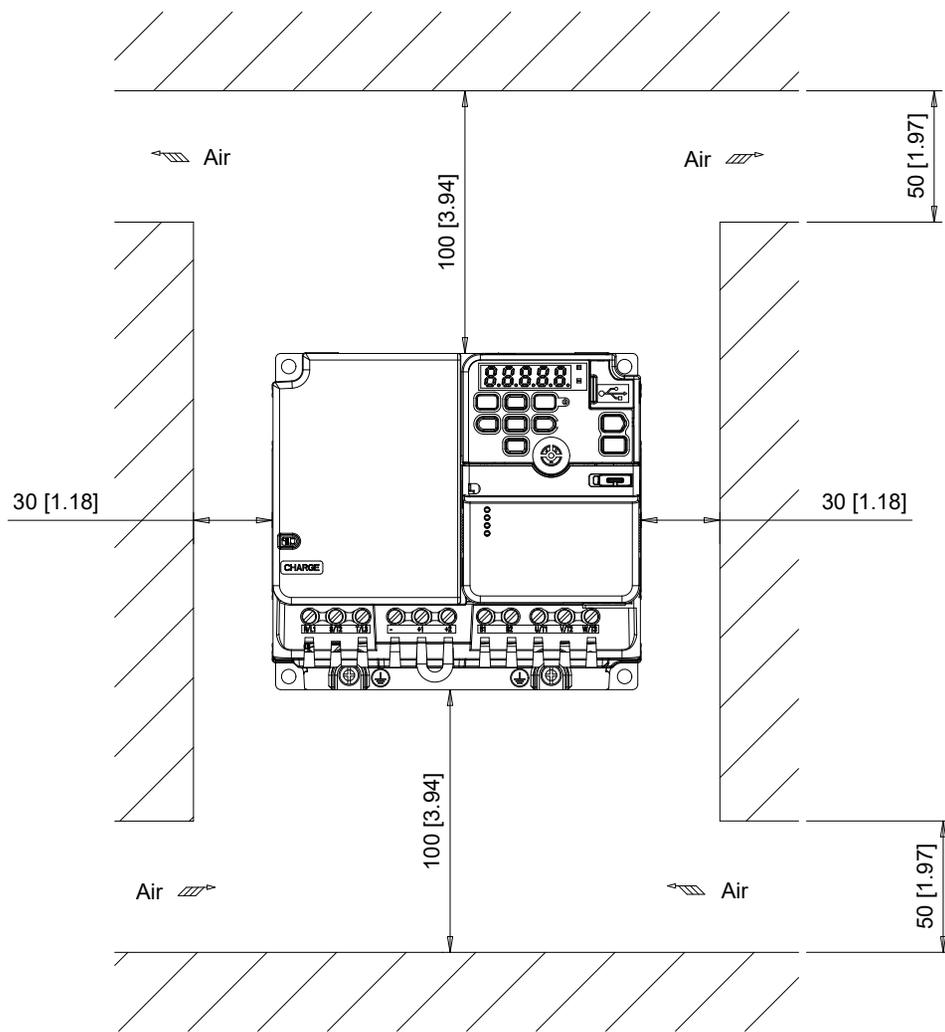
TITLE
GA501 DIMENSION DRAWING
FRAME SIZE 3.1
IP20 ENCLOSURE
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SIZE A PAGE 2 OF 3
DWG.NO. DD.GA51.FR3.1.IP20.DIN

REV 1

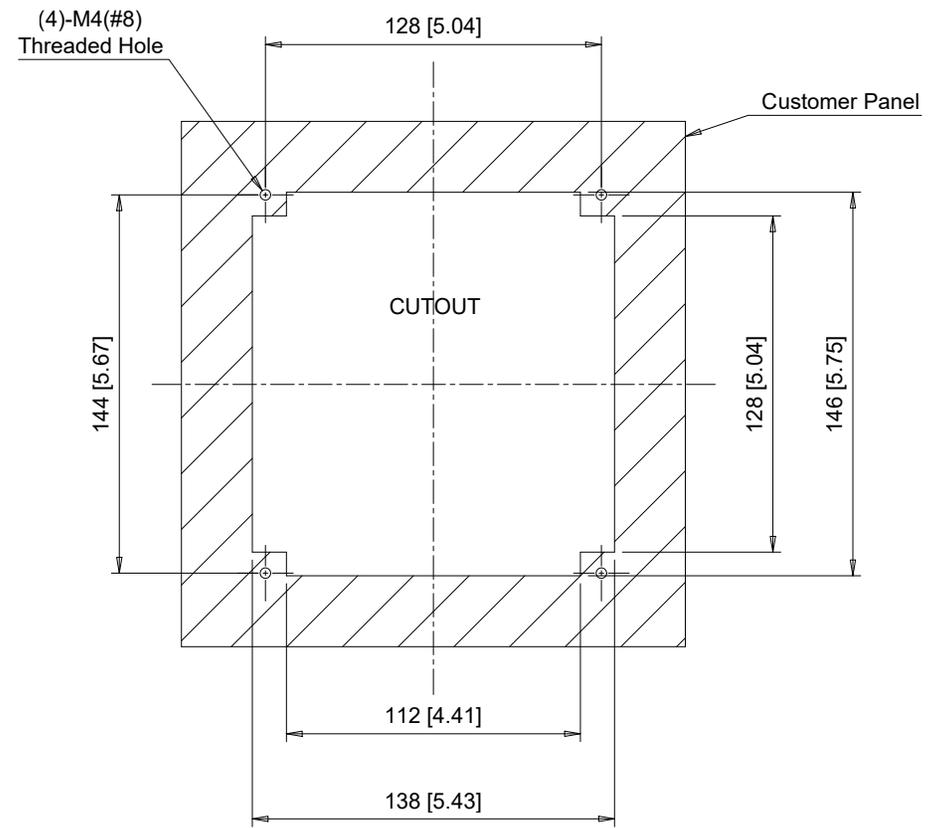
1 ADJUSTED INCH HEIGHT
0 INITIAL RELEASE

Minimum Installation Clearances



Note:
For alternate mounting configurations, consult manual.

Panel Cutout For External Heatsink Mounting Configuration



Notes:
Exposed heatsink minimum clearance = 70 [2.76].
When mounting the drive with an external heatsink mounting bracket,
be sure to remove the DIN rail attachments first.
Refer to external heatsink instructions document for additional details.

1	ADJUSTED INCH HEIGHT
0	INITIAL RELEASE



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	SCALE 1:3

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DWG.NO.	DD.GA51.FR3.1.IP20.DIN		