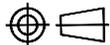


*Note: When mounting the drive directly to an enclosure panel wall, be sure to remove the DIN rail attachments first

C/C:	INPUT VOLTAGE (VAC)	WEIGHT Kg (lb)	COOLING FANS
GA51□			
B006□□□	200 TO 240 1-PHASE	1.6 (3.5)	0
2012□□□	200 TO 240 3-PHASE	1.6 (3.5)	1
4004□□□	380 TO 480 3-PHASE	1.6 (3.5)	0

□ denotes A-Z

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UNITS MM [IN]

SCALE 1:3

DRWN. J. MATTAS 11-26-25
 CHKD. J. PIOTROWSKI 12-4-25
 TECH. L. UDDIN 12-9-25
 APRV. M. BAUMGARDNER 12-16-25

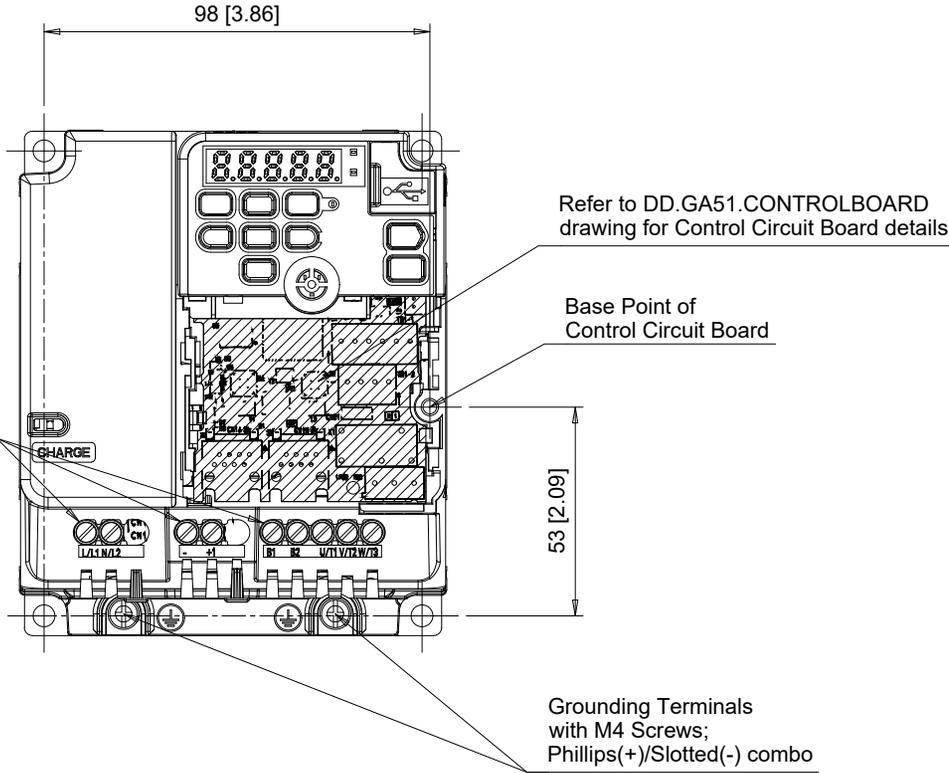
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 GA501 DIMENSION DRAWING
 FRAME SIZE 2.4
 IP20 ENCLOSURE
 WITH DIN RAIL ATTACHMENTS

SIZE A PAGE 1 OF 4
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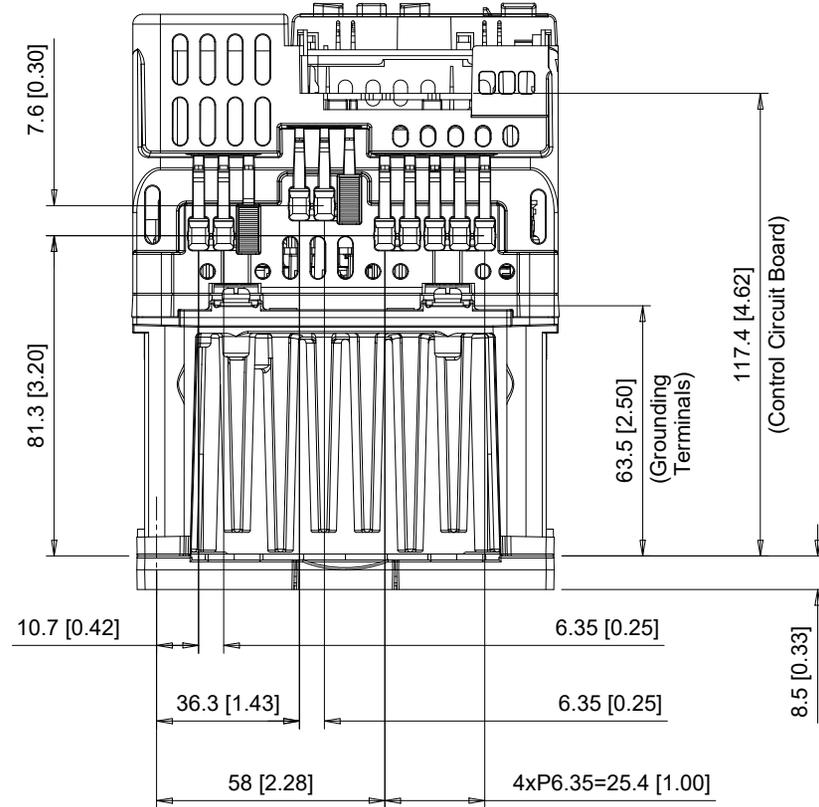
REV 0

Terminal and Wiring Information for GA51□B006

FRONT VIEW



BOTTOM VIEW



C/C: GA51□	TERMINAL SYMBOL	WIRE RANGE AWG (mm ²)	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
B006□□□	L/L1, N/L2	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
	U/T1, V/T2, W/T3	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
	-, +1	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
	B1, B2	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
	⊕	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

DRWN.	J. MATTAS	11-26-25
CHKD.	J. PIOTROWSKI	12-4-25
TECH.	L. UDDIN	12-9-25
APRV.	M. BAUMGARDNER	12-16-25

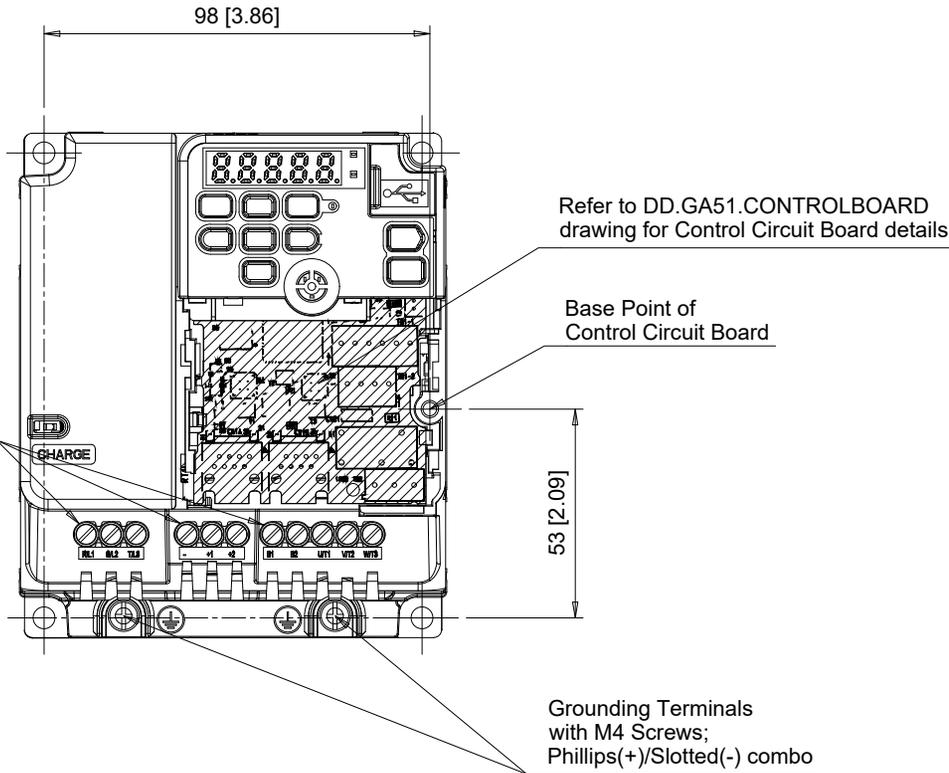
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GA501 DIMENSION DRAWING
FRAME SIZE 2.4
IP20 ENCLOSURE
WITH DIN RAIL ATTACHMENTS

SIZE	A	PAGE	2 OF 4
DWG.NO.	DD.GA51.FR2.4.IP20.DIN		

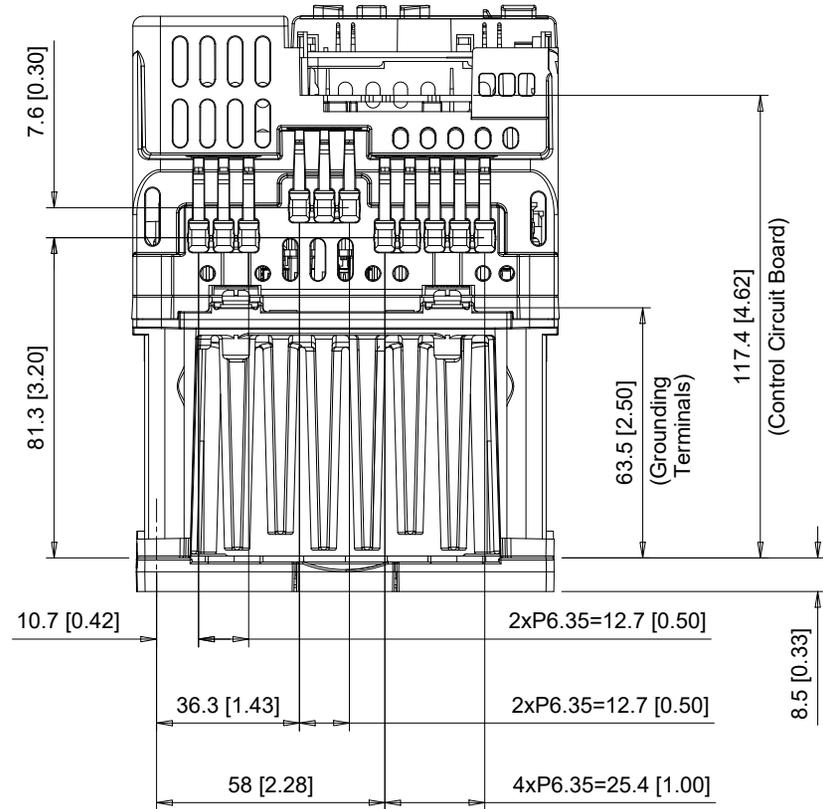
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Terminal and Wiring Information for GA51□2012 and GA51□4004

FRONT VIEW



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 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
2012□□□	U/T1, V/T2, W/T3	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
4004□□□	-, +1, +2	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
	B1, B2	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
	⊕	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.

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UNITS MM [IN]
SCALE 1:2

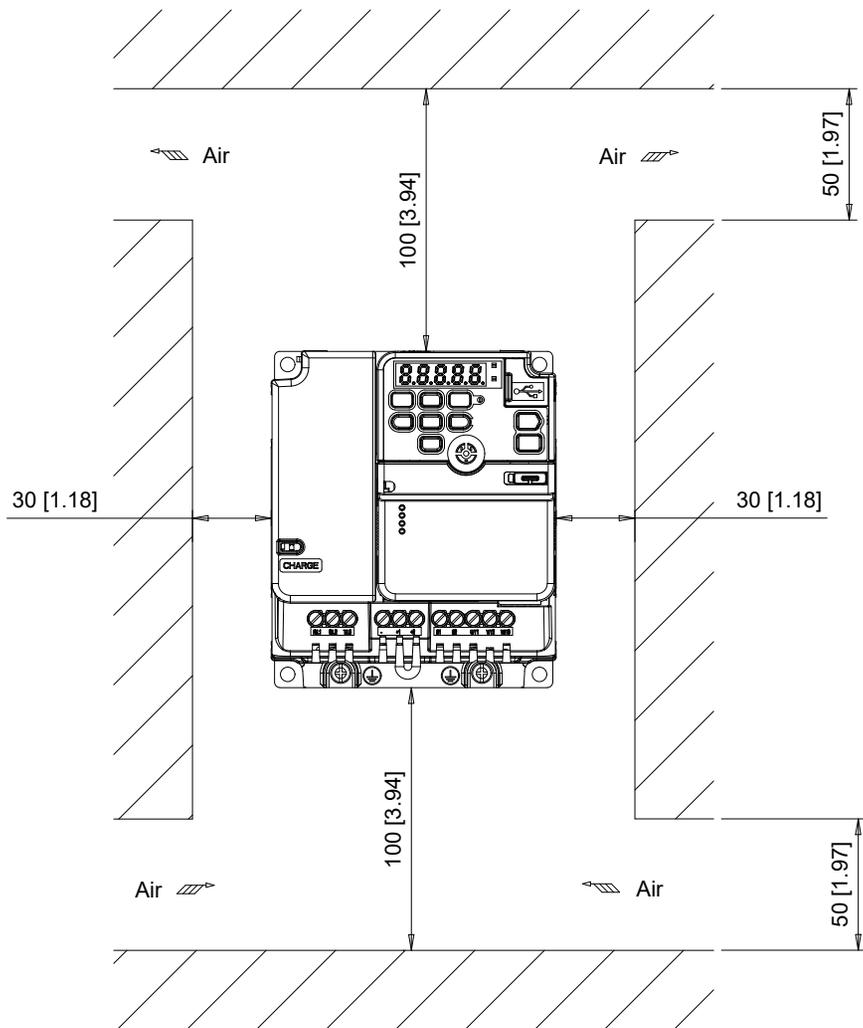
DRWN. J. MATTAS 11-26-25
CHKD. J. PIOTROWSKI 12-4-25
TECH. L. UDDIN 12-9-25
APRV. M. BAUMGARDNER 12-16-25

TITLE
GA501 DIMENSION DRAWING
FRAME SIZE 2.4
IP20 ENCLOSURE
WITH DIN RAIL ATTACHMENTS

SIZE A PAGE 3 OF 4
DWG.NO. DD.GA51.FR2.4.IP20.DIN

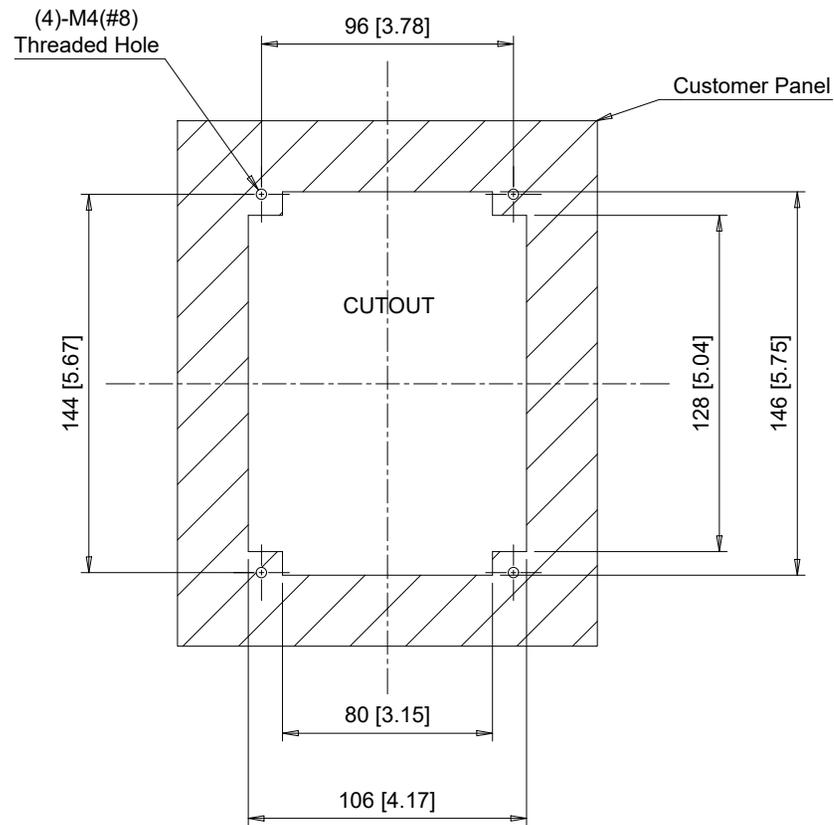
REV 0

Minimum Installation Clearances



Note:
For alternate mounting configurations, consult manual.

Panel Cutout
For External Heatsink Mounting Configuration



Notes:
Exposed heatsink minimum clearance = 61.5 [2.42].
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.

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UNITS MM [IN]

SCALE 1:3

DRWN.	J. MATTAS	11-26-25
CHKD.	J. PIOTROWSKI	12-4-25
TECH.	L. UDDIN	12-9-25
APRV.	M. BAUMGARDNER	12-16-25

TITLE
GA501 DIMENSION DRAWING
FRAME SIZE 2.4
IP20 ENCLOSURE
WITH DIN RAIL ATTACHMENTS

SIZE	A	PAGE	4 OF 4
DWG.NO.	DD.GA51.FR2.4.IP20.DIN		

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