

C/C: GA50□	INPUT VOLTAGE (VAC)	WEIGHT Kg (lb)	COOLING FANS
B010□□□	200 TO 240 1-PHASE	1.5 (3.3)	1
4005□□□ 4007□□□ 4009□□□	380 TO 480 3-PHASE	1.5 (3.3)	1

□ denotes A-Z

**YASKAWA**

UNITS MM [IN]  
SCALE 1:3

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

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FRAME SIZE 2.5  
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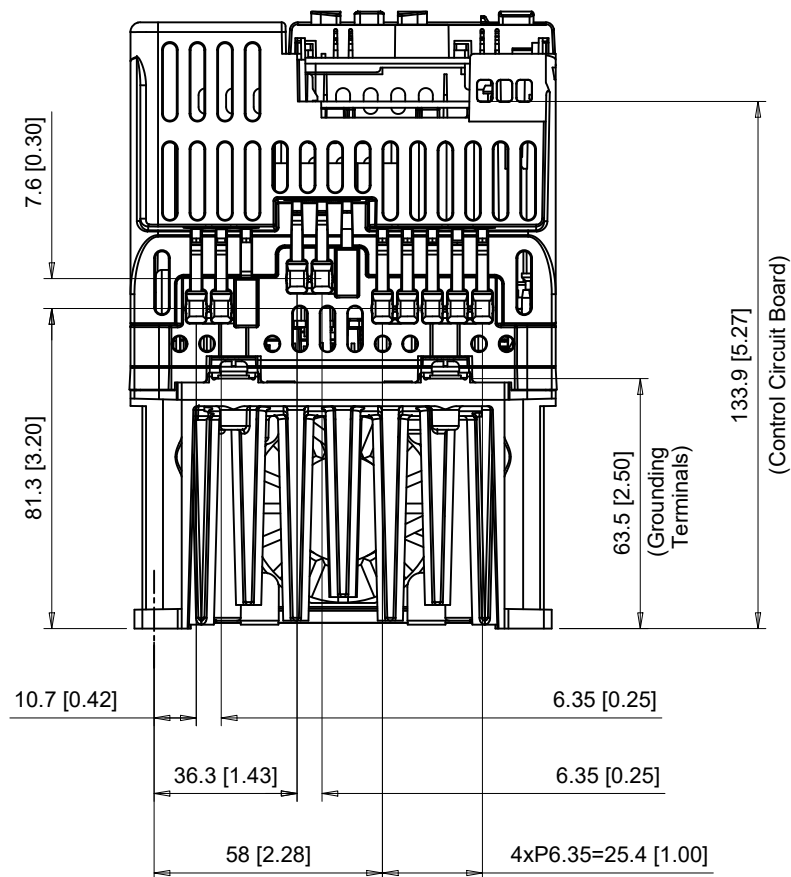
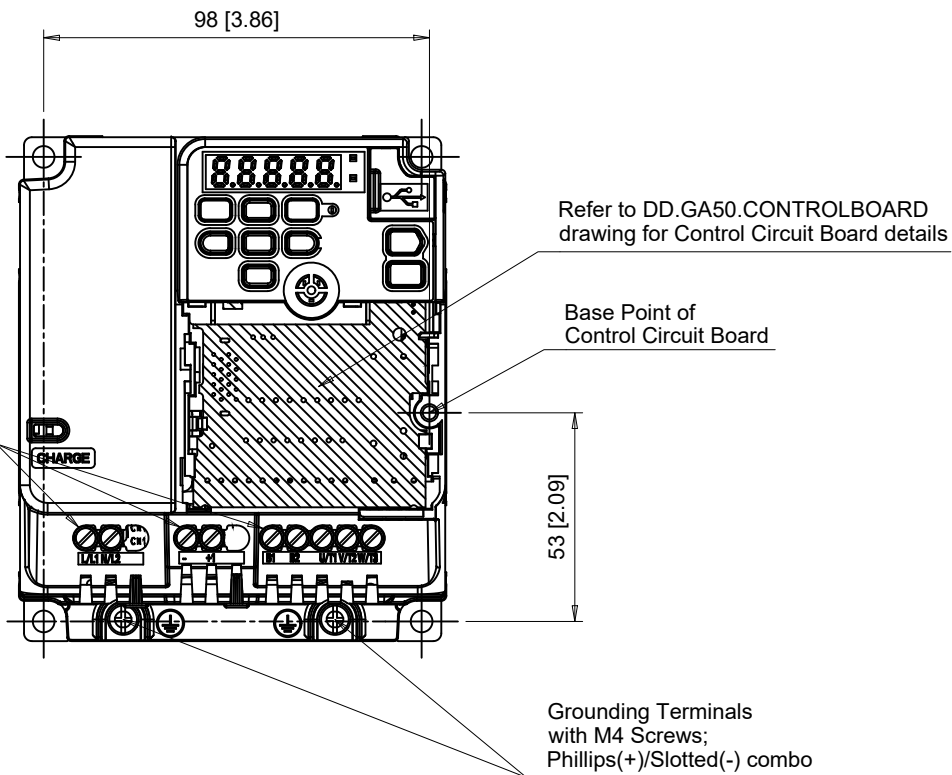
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DWG.NO. DD.GA50.FR2.5.IP20

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# Terminal and Wiring Information for GA50□B010

**FRONT VIEW**

**BOTTOM VIEW**



C/C: GA50□	TERMINAL SYMBOL	WIRE RANGE AWG (mm <sup>2</sup> )	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
B010□□□	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.

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UNITS MM [IN]

SCALE 1:2

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

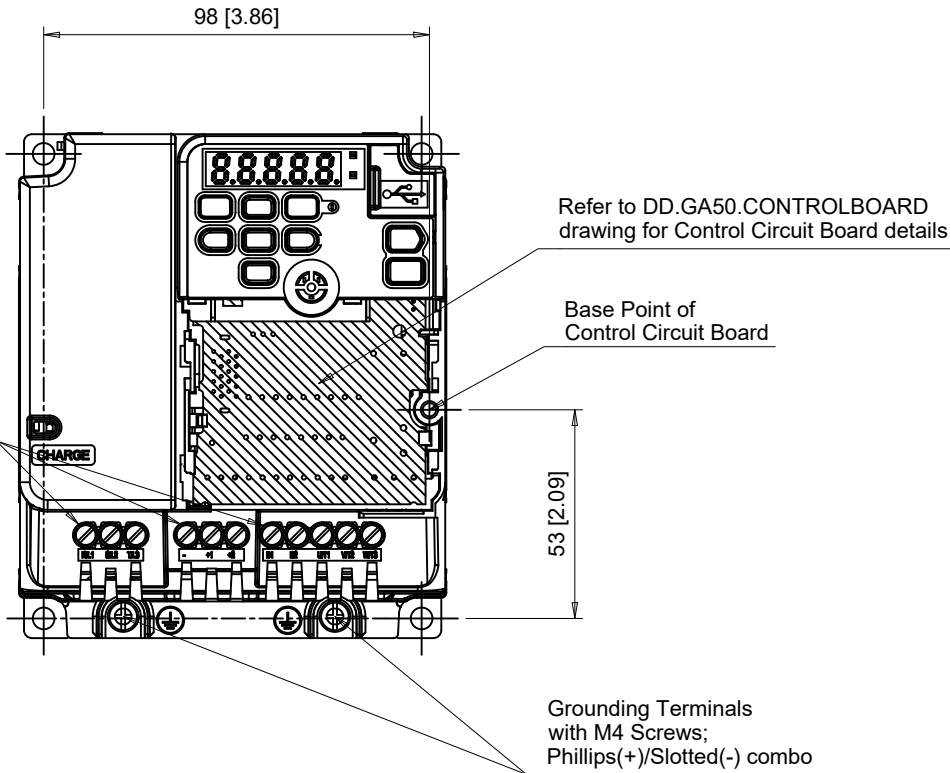
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IP20 ENCLOSURE

SIZE A PAGE 2 OF 4  
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DD.GA50.FR2.5.IP20

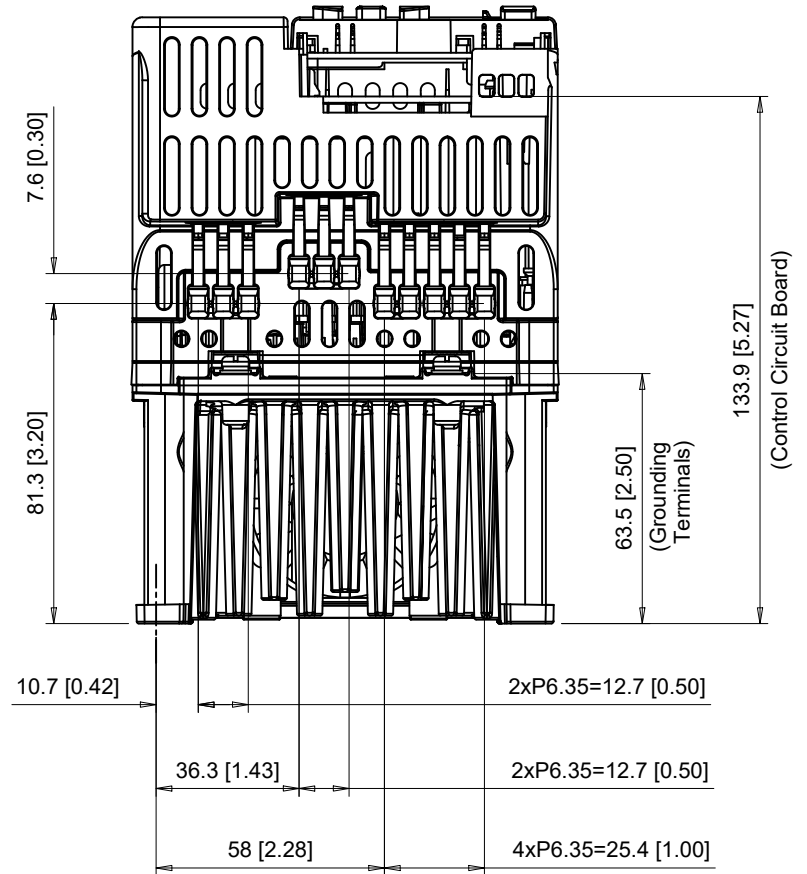
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# Terminal and Wiring Information for GA50□4005, GA50□4007 and GA50□4009

FRONT VIEW



BOTTOM VIEW



C/C: GA50□	TERMINAL SYMBOL	WIRE RANGE AWG (mm <sup>2</sup> )	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
	R/L1, S/L2, T/L3	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
4005□□□	U/T1, V/T2, W/T3	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
4007□□□	-, +1, +2	14 - 10 (2.5 - 6)	M3	0.6 - 0.8 (5 - 7)
4009□□□	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

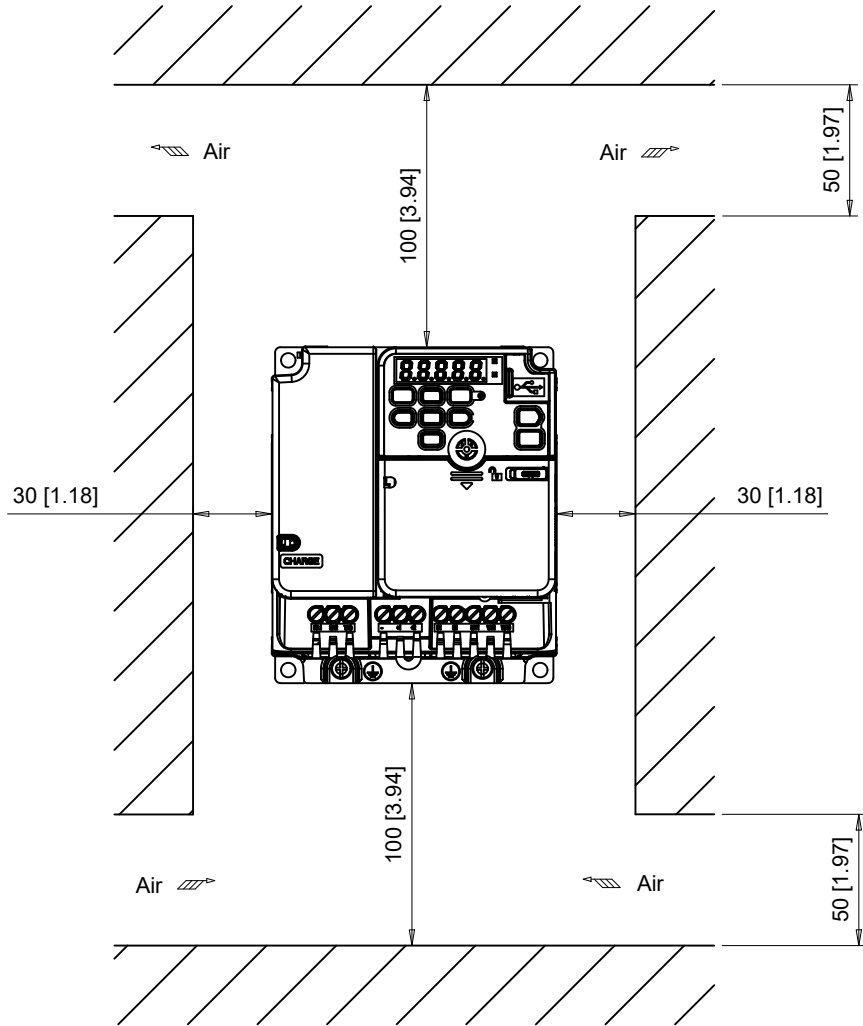
DRWN.	J. MATTAS	5-29-19
CHKD.	J. PIOTROWSKI	7-29-19
TECH.	L. UDDIN	8-7-19
APRV.	J. CAIRO	8-22-19

TITLE  
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FRAME SIZE 2.5  
IP20 ENCLOSURE

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DWG.NO.  
DD.GA50.FR2.5.IP20

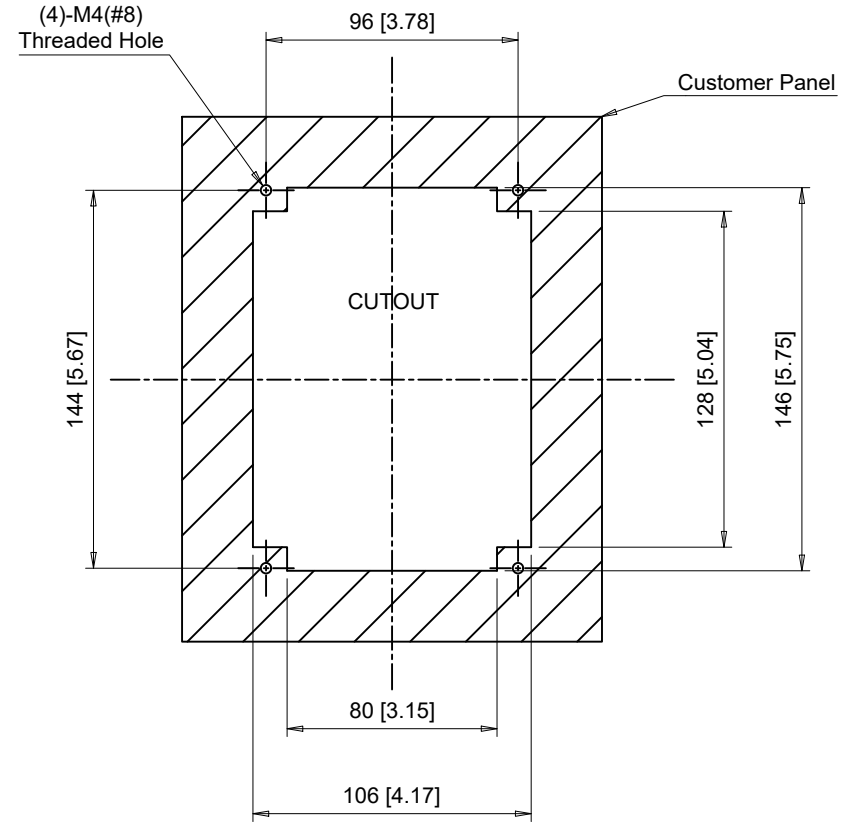
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Minimum Installation Clearances



Note:  
For alternate mounting configurations, consult manual.

Panel Cutout  
For External Heatsink Mounting Configuration



Notes:  
Exposed heatsink minimum clearance = 61.5 [2.42].  
Refer to external heatsink instructions document for additional details.

**YASKAWA**

UNITS MM [IN]
SCALE 1:3

DRWN.	J. MATTAS	5-29-19
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TITLE
GA500 DIMENSION DRAWING
FRAME SIZE 2.5
IP20 ENCLOSURE

SIZE	A	PAGE	4 OF 4
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