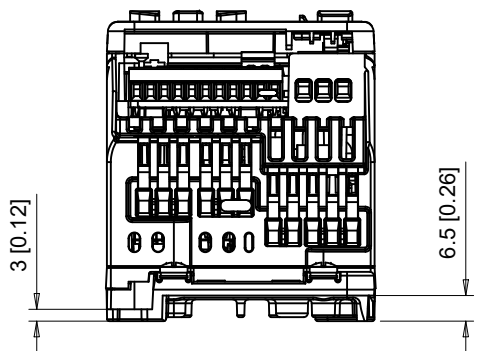
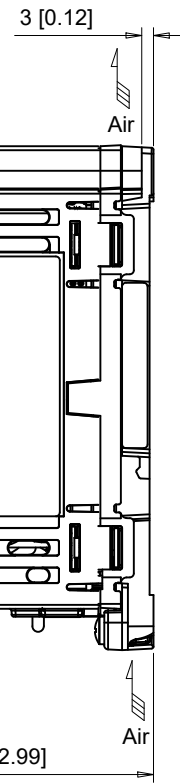


(2) Mounting Holes for M5 [#10] Screws.

Keypad

Nameplate



C/C: GA50□	INPUT VOLTAGE (VAC)	WEIGHT Kg (lb)	COOLING FANS
B001□□□	200 TO 240 1-PHASE	0.5 (1.1)	0
B002□□□	200 TO 240 3-PHASE	0.5 (1.1)	0
2001□□□	200 TO 240 1-PHASE	0.5 (1.1)	0
2002□□□	200 TO 240 3-PHASE	0.5 (1.1)	0

□ denotes A-Z

**YASKAWA**

UNITS MM [IN]  
SCALE 1:2

DRWN. J. MATTAS 5-23-19  
 CHKD. J. PIOTROWSKI 7-29-19  
 TECH. L. UDDIN 8-7-19  
 APRV. J. CAIRO 8-22-19

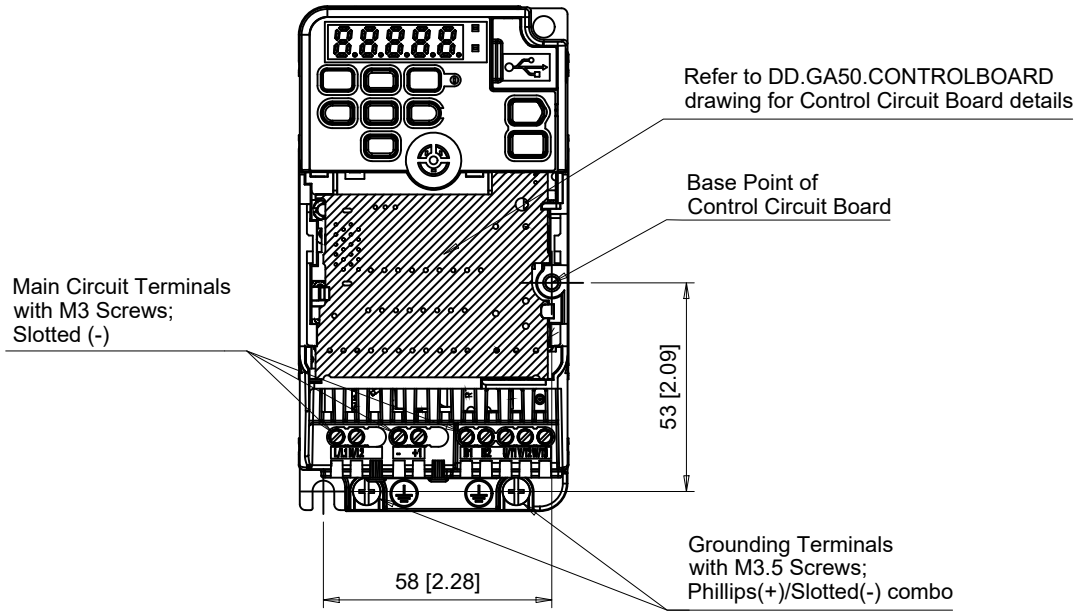
TITLE  
 GA500 DIMENSION DRAWING  
 FRAME SIZE 1.1  
 IP20 ENCLOSURE

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

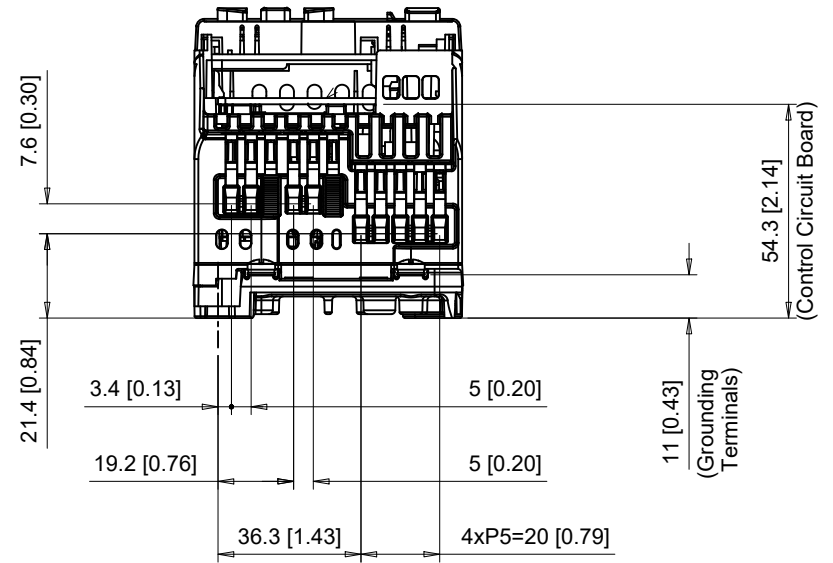
REV 0

# Terminal and Wiring Information for GA50□B001 and GA50□B002

FRONT VIEW



BOTTOM VIEW



C/C: GA50□	TERMINAL SYMBOL	WIRE RANGE AWG (mm <sup>2</sup> )	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
B001□□□ B002□□□	L/L1, N/L2	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	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.

**YASKAWA**

	DRWN.	J. MATTAS	5-23-19
UNITS MM [IN]	CHKD.	J. PIOTROWSKI	7-29-19
SCALE 1:2	TECH.	L. UDDIN	8-7-19
	APRV.	J. CAIRO	8-22-19

DRWN.	J. MATTAS	5-23-19
CHKD.	J. PIOTROWSKI	7-29-19
TECH.	L. UDDIN	8-7-19
APRV.	J. CAIRO	8-22-19

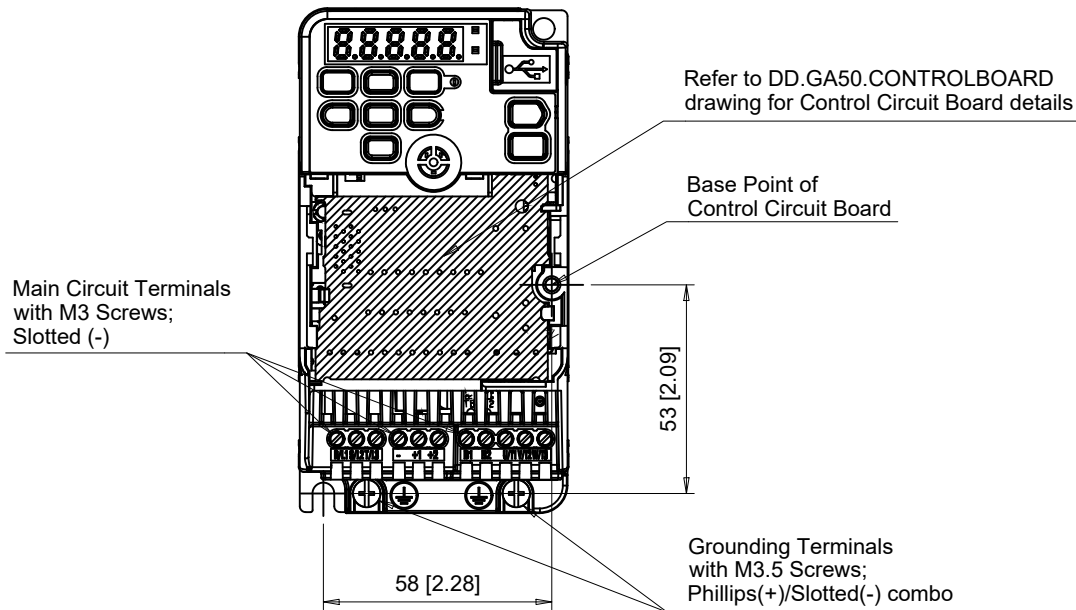
TITLE  
GA500 DIMENSION DRAWING  
FRAME SIZE 1.1  
IP20 ENCLOSURE

SIZE A PAGE 2 OF 4  
DWG.NO.  
DD.GA50.FR1.1.IP20

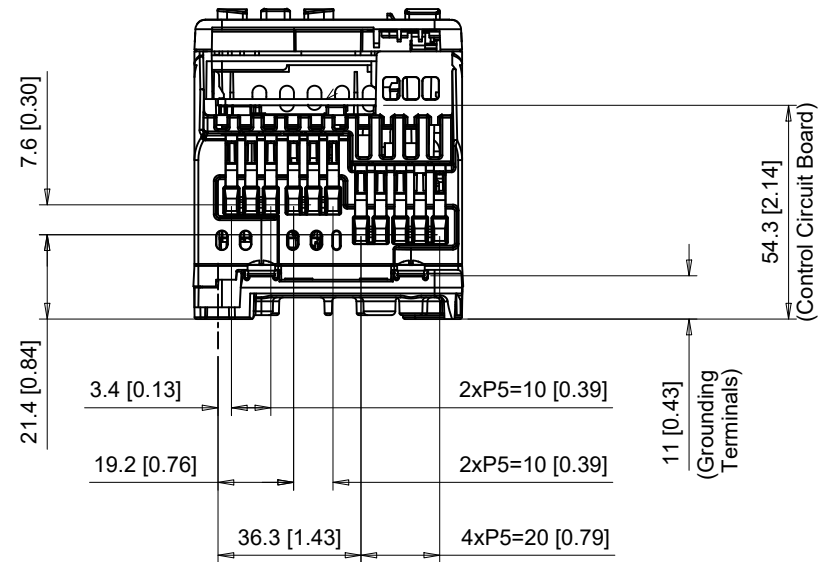
REV  
0

# Terminal and Wiring Information for GA50□2001 and GA50□2002

FRONT VIEW



BOTTOM VIEW



C/C: GA50□	TERMINAL SYMBOL	WIRE RANGE AWG (mm <sup>2</sup> )	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
2001□□□ 2002□□□	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.

**YASKAWA**

UNITS MM [IN]  
SCALE 1:3

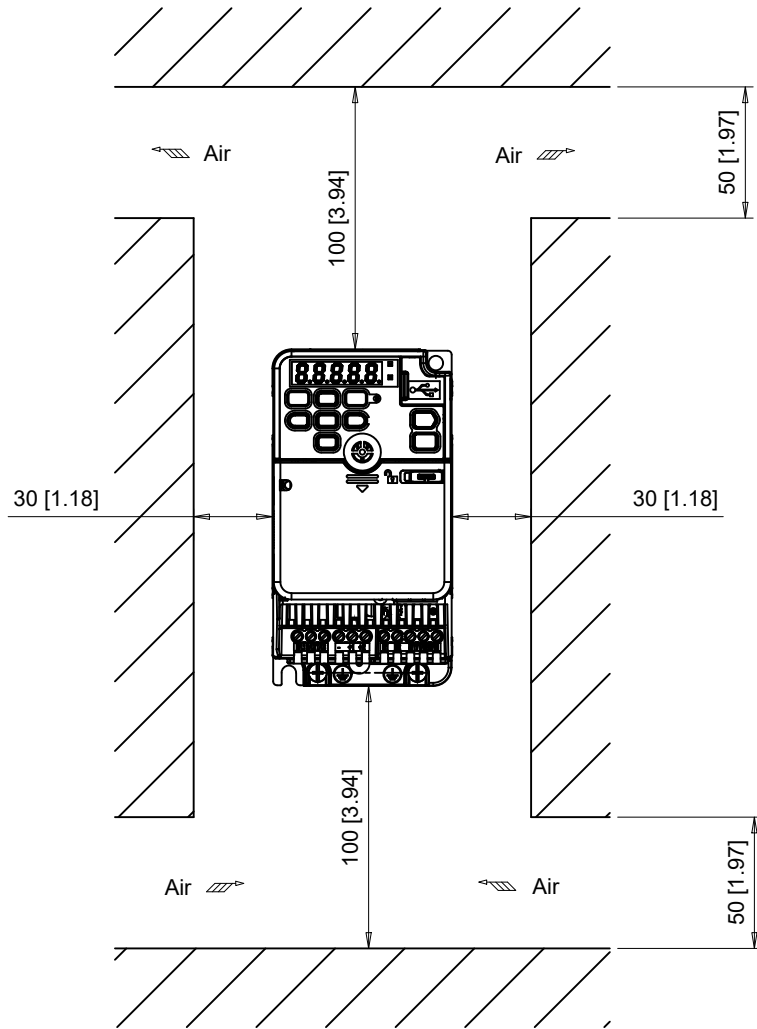
DRWN. J. MATTAS 5-23-19  
CHKD. J. PIOTROWSKI 7-29-19  
TECH. L. UDDIN 8-7-19  
APRV. J. CAIRO 8-22-19

TITLE  
GA500 DIMENSION DRAWING  
FRAME SIZE 1.1  
IP20 ENCLOSURE

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

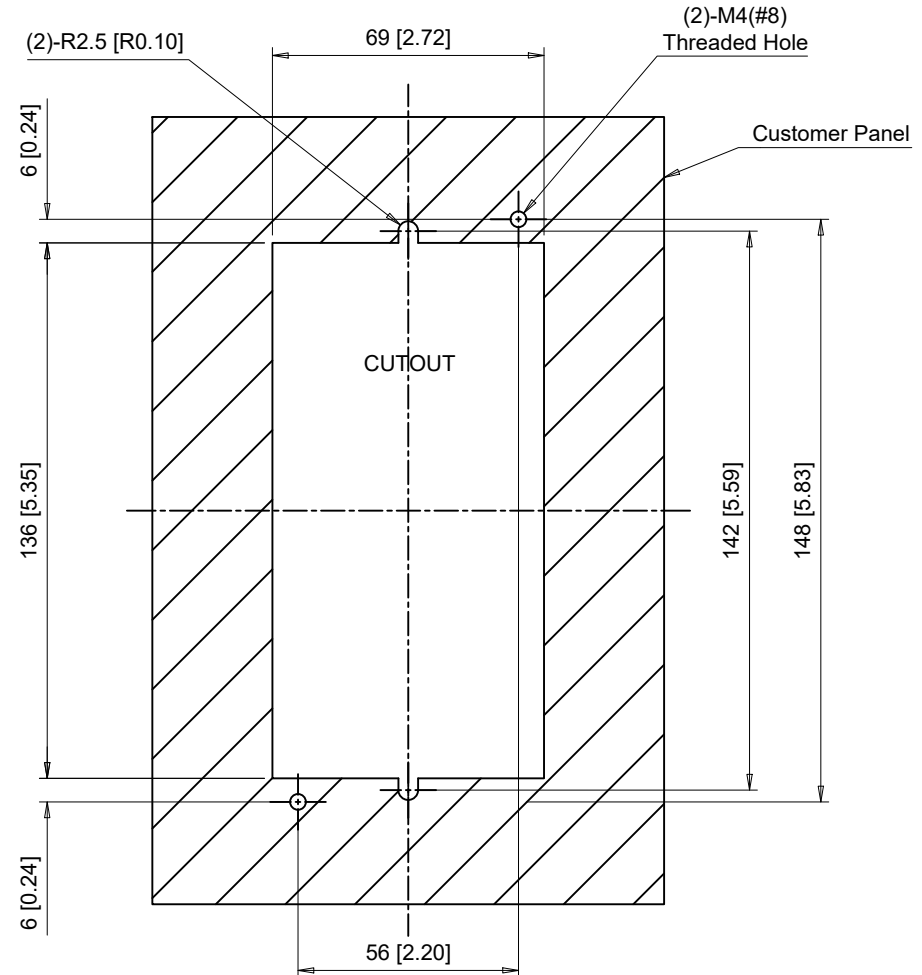
REV  
0

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 = 11.5 [0.45].  
Refer to external heatsink instructions document for additional details.

**YASKAWA**



UNITS MM [IN]  
SCALE ABOVE

DRWN.	J. MATTAS	5-23-19
CHKD.	J. PIOTROWSKI	7-29-19
TECH.	L. UDDIN	8-7-19
APRV.	J. CAIRO	8-22-19

TITLE  
GA500 DIMENSION DRAWING  
FRAME SIZE 1.1  
IP20 ENCLOSURE

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

REV  
0