

C/C: GA50□	INPUT VOLTAGE (VAC)	WEIGHT Kg (lb)	COOLING FANS
B001□□□	200 TO 240 1-PHASE	0.7 (1.5)	0
B002□□□	200 TO 240 3-PHASE	0.7 (1.5)	0
2001□□□	200 TO 240 1-PHASE	0.7 (1.5)	0
2002□□□	200 TO 240 3-PHASE	0.7 (1.5)	0

□ denotes A-Z

YASKAWA

UNITS MM [IN]
SCALE 1:2

DRWN. J. MATTAS 6-26-19
 CHKD. J. PIOTROWSKI 8-7-19
 TECH. L. UDDIN 9-8-19
 APRV. J. CAIRO 9-18-19

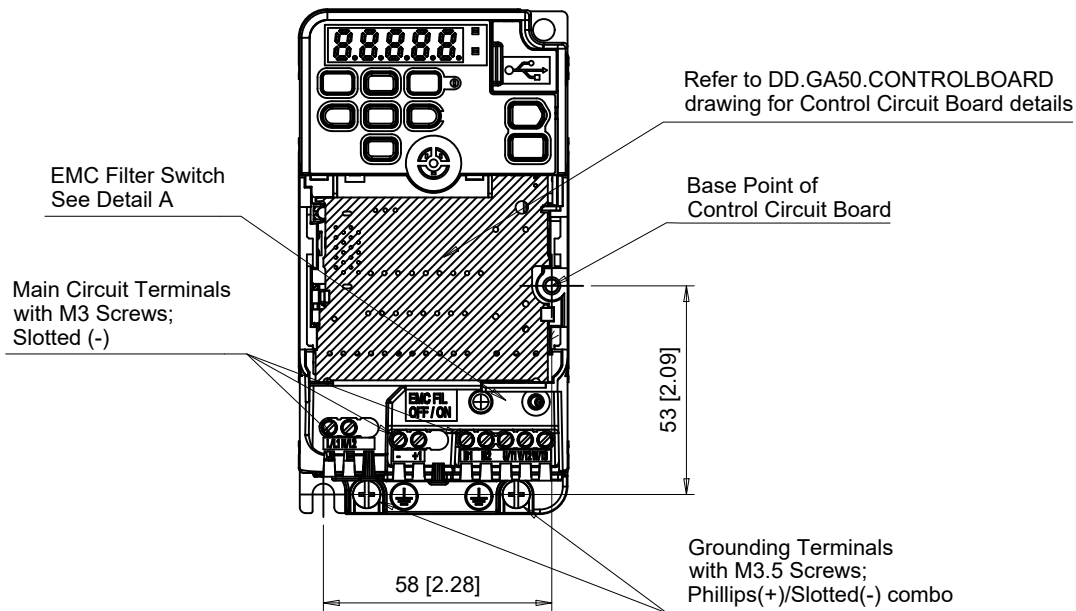
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 GA500 DIMENSION DRAWING
 FRAME SIZE 1.1
 IP20 ENCLOSURE WITH EMC FILTER

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

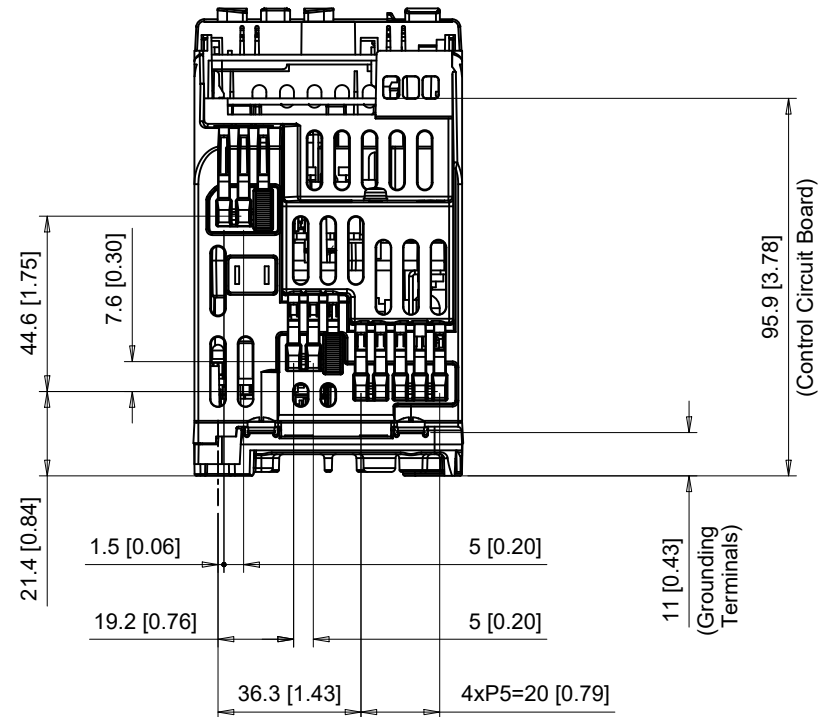
REV 0

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

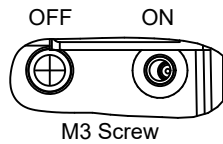
FRONT VIEW



BOTTOM VIEW



EMC FILTER SWITCH



Detail A
Scale 1:1

C/C: GA50□	TERMINAL SYMBOL	WIRE RANGE AWG (mm ²)	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
B001□□□	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)
B002□□□	-, +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	6-26-19
UNITS MM [IN]	CHKD.	J. PIOTROWSKI	8-7-19
SCALE 1:2	TECH.	L. UDDIN	9-8-19
	APRV.	J. CAIRO	9-18-19

DRWN.	J. MATTAS	6-26-19
CHKD.	J. PIOTROWSKI	8-7-19
TECH.	L. UDDIN	9-8-19
APRV.	J. CAIRO	9-18-19

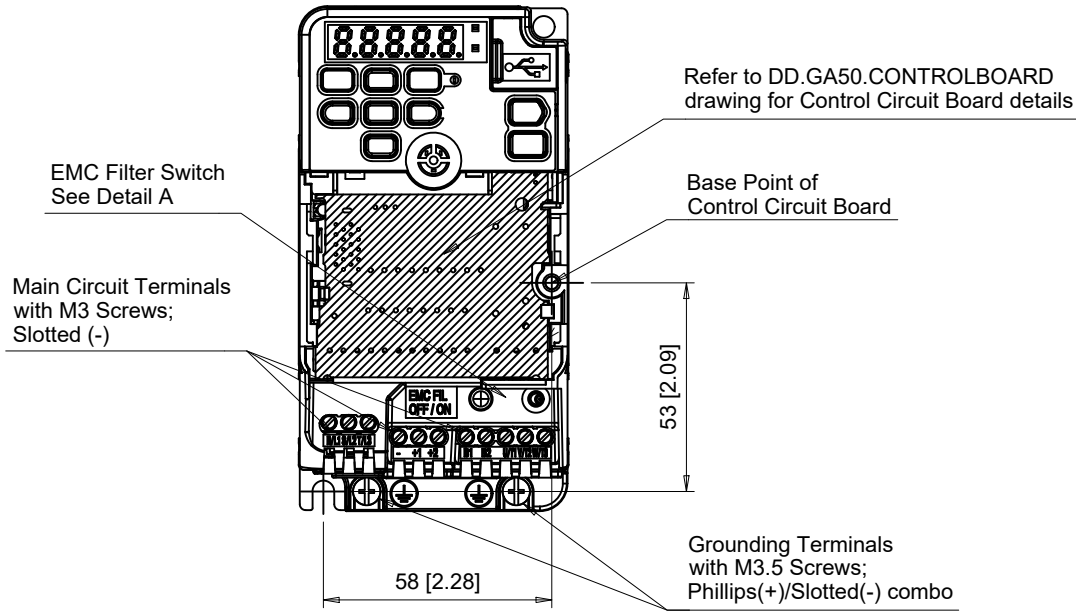
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GA500 DIMENSION DRAWING
FRAME SIZE 1.1
IP20 ENCLOSURE WITH EMC FILTER

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

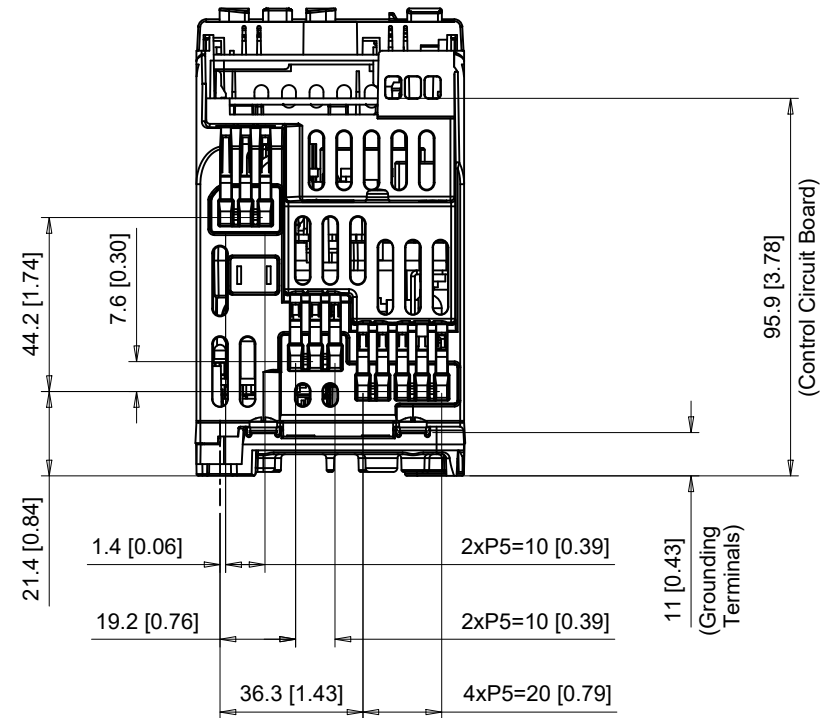
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Terminal and Wiring Information for GA50□2001 and GA50□2002

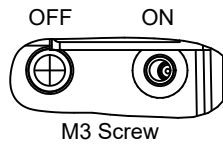
FRONT VIEW



BOTTOM VIEW



EMC FILTER SWITCH



Detail A
Scale 1:1

C/C: GA50□	TERMINAL SYMBOL	WIRE RANGE AWG (mm ²)	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
2001□□□ 2002□□□	R/L1, S/L2, T/L3	30 - 12 (0.05 - 4)	M3	0.6 - 0.8 (5 - 7)
	U/T1, V/T2, W/T3	30 - 12 (0.05 - 4)	M3	0.6 - 0.8 (5 - 7)
	-, +1, +2	30 - 12 (0.05 - 4)	M3	0.6 - 0.8 (5 - 7)
	B1, B2	30 - 12 (0.05 - 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	6-26-19
UNITS MM [IN]	CHKD.	J. PIOTROWSKI	8-7-19
SCALE 1:3	TECH.	L. UDDIN	9-8-19
	APRV.	J. CAIRO	9-18-19

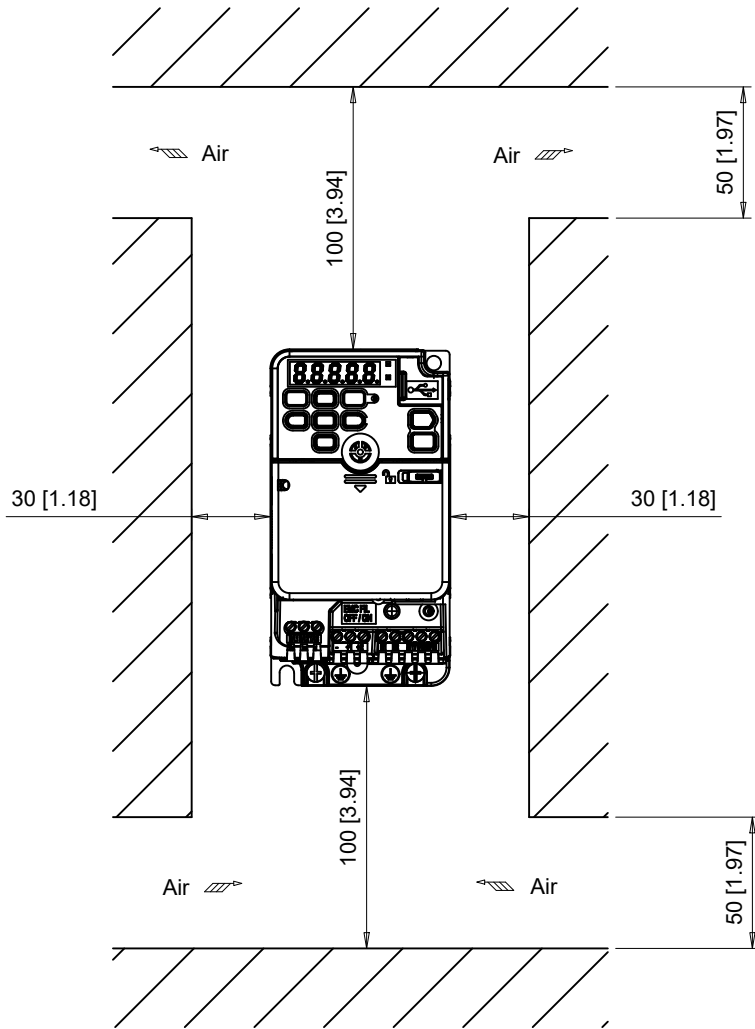
DRWN.	J. MATTAS	6-26-19
CHKD.	J. PIOTROWSKI	8-7-19
TECH.	L. UDDIN	9-8-19
APRV.	J. CAIRO	9-18-19

TITLE	GA500 DIMENSION DRAWING FRAME SIZE 1.1 IP20 ENCLOSURE WITH EMC FILTER
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SIZE	A	PAGE	3 OF 4
DWG.NO.	DD.GA50.FR1.1.IP20.EMC		

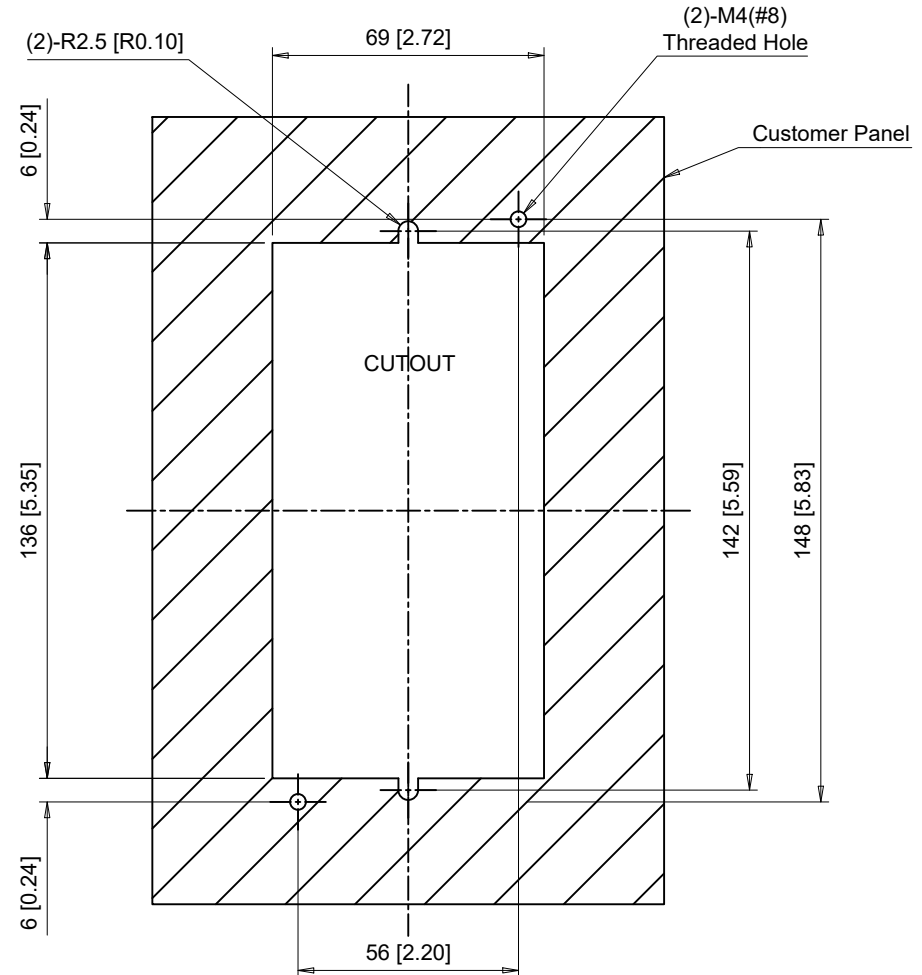
REV
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Minimum Installation Clearances
Scale 1:3



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	6-26-19
CHKD.	J. PIOTROWSKI	8-7-19
TECH.	L. UDDIN	9-8-19
APRV.	J. CAIRO	9-18-19

TITLE
GA500 DIMENSION DRAWING
FRAME SIZE 1.1
IP20 ENCLOSURE WITH EMC FILTER

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

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