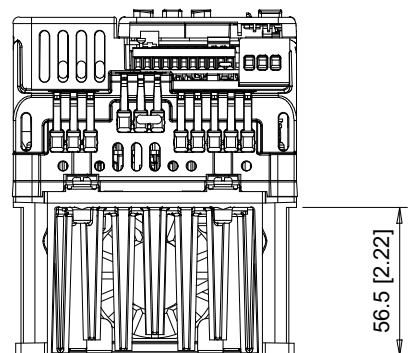
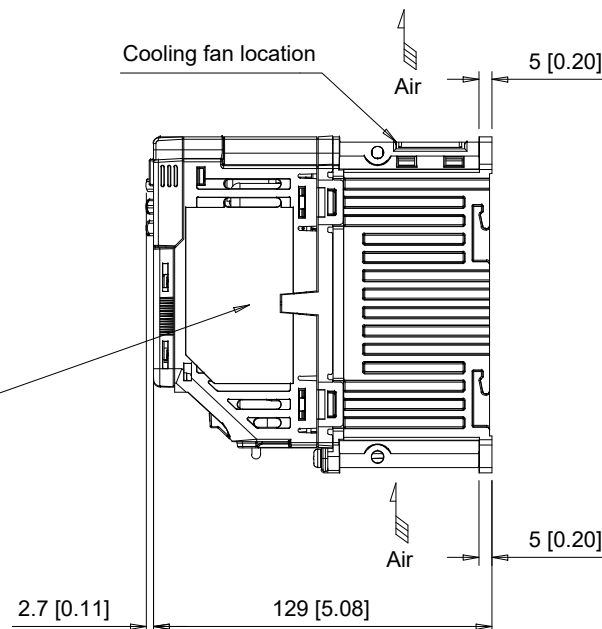
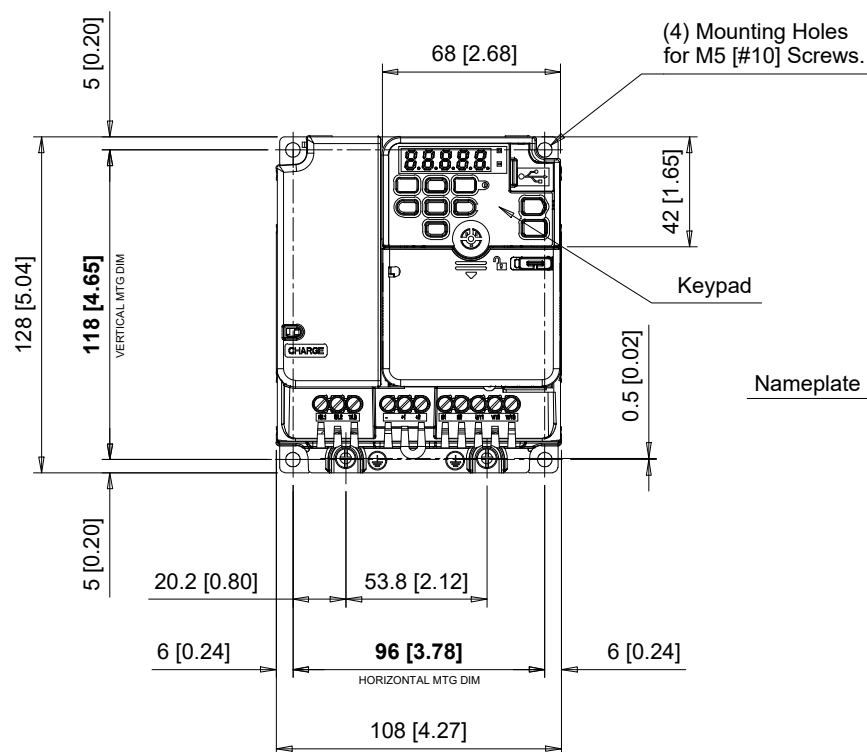
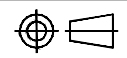




C/C: HV35□	INPUT VOLTAGE (VAC)	WEIGHT Kg (lb)	COOLING FANS
2010□□□	200 TO 240 3-PHASE	1.5 (3.3)	1

□ denotes A-Z

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UNITS MM [IN]
SCALE 1:3

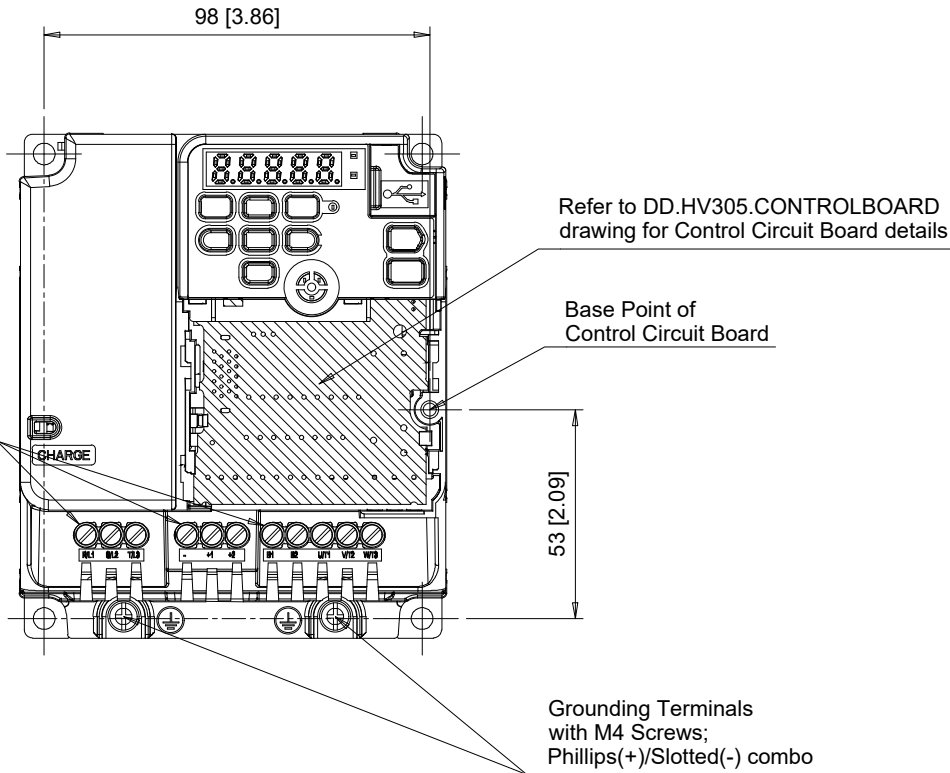
DRWN.	J. MATTAS	9-20-22
CHKD.	J. PIOTROWSKI	9-21-22
TECH.	L. UDDIN	9-27-22
APRV.	J. CAIRO	9-27-22

TITLE
HV305 DIMENSION DRAWING
FRAME SIZE 2.3
IP20 ENCLOSURE

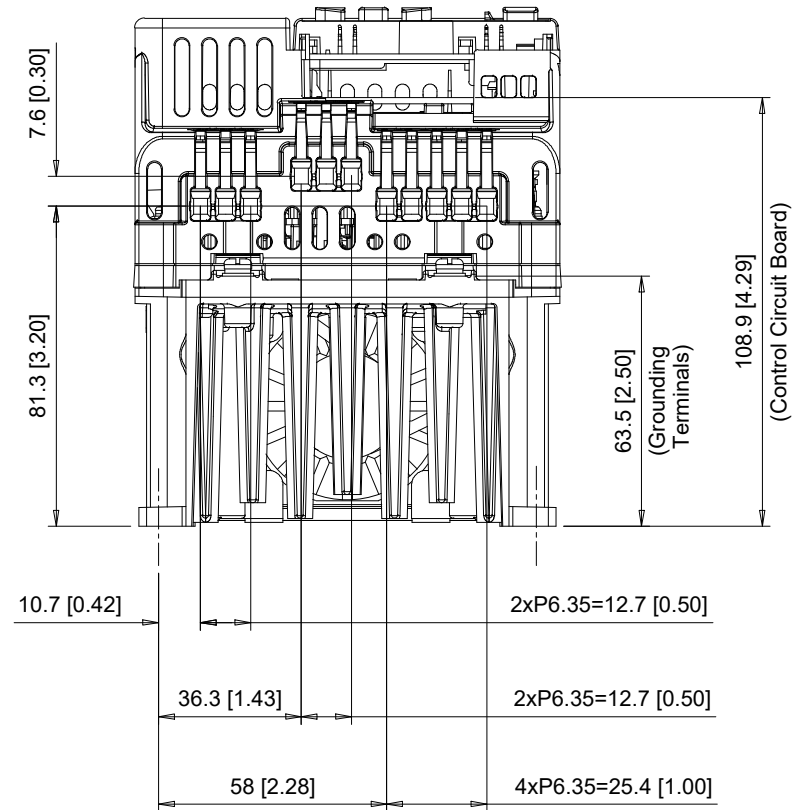
SIZE A
PAGE 1 OF 3
DWG.NO.
DD.HV305.FR2.3.IP20

REV
0

FRONT VIEW



BOTTOM VIEW



C/C: HV35□	TERMINAL SYMBOL	WIRE RANGE AWG (mm ²)	TERMINAL SCREW	CLAMPING TORQUE N.m. (lb.in.)
2010□□□	R/L1, S/L2, T/L3	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, +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 9-20-22
CHKD. J. PIOTROWSKI 9-21-22
TECH. L. UDDIN 9-27-22
APRV. J. CAIRO 9-27-22

TITLE
HV305 DIMENSION DRAWING
FRAME SIZE 2.3
IP20 ENCLOSURE

SIZE A
PAGE 2 OF 3
DWG.NO.
DD.HV305.FR2.3.IP20

REV
0

Technical drawing of the ECH 1000 device showing front and side views with dimensions.

Front View Dimensions:

- Top clearance: 50 [1.97]
- Bottom clearance: 50 [1.97]
- Left clearance: 30 [1.18]
- Right clearance: 30 [1.18]
- Top-to-keypad distance: 100 [3.94]
- Keypad-to-bottom distance: 100 [3.94]

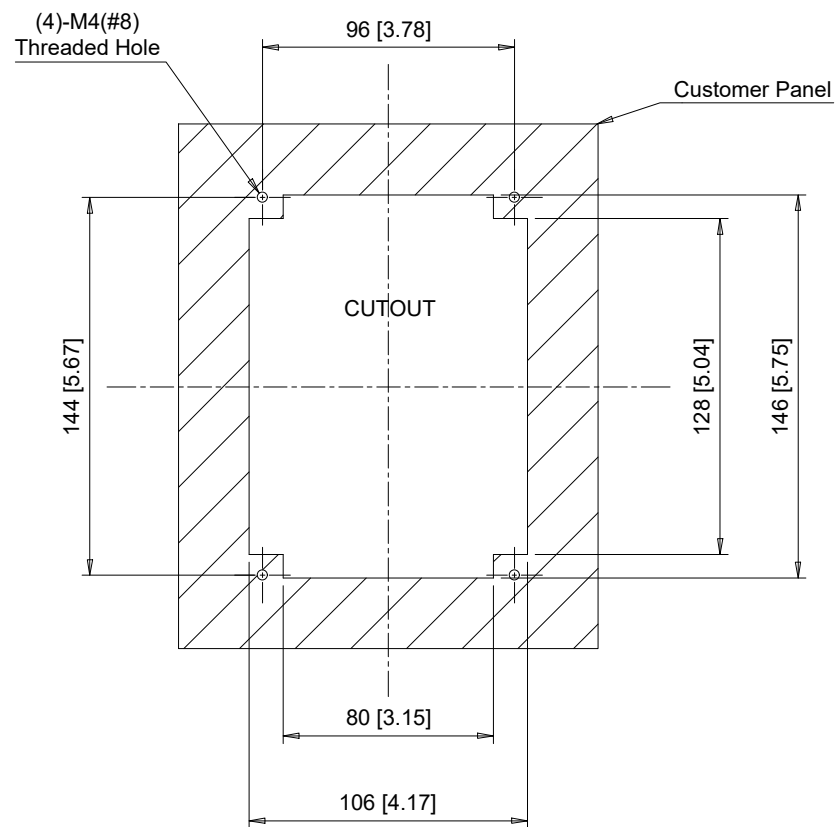
Side View Dimensions:

- Top clearance: 50 [1.97]
- Bottom clearance: 50 [1.97]
- Left clearance: 30 [1.18]
- Right clearance: 30 [1.18]
- Top-to-keypad distance: 100 [3.94]
- Keypad-to-bottom distance: 100 [3.94]

Device Features:

- Display: 8-digit LED display showing "88888888".
- Keypad: 12 buttons (0-9, *, #).
- Buttons: * (top left), 0 (top right), # (middle left), 1 (middle right), 2 (bottom left), 3 (bottom right).
- Labels: "ECH 1000" (top left), "CHARGE" (bottom left), "1000" (bottom right).
- Ports: USB port (top right), RJ45 port (bottom right).
- Connectors: 4-pin D-sub connector (top left), 4-pin D-sub connector (bottom left).

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.