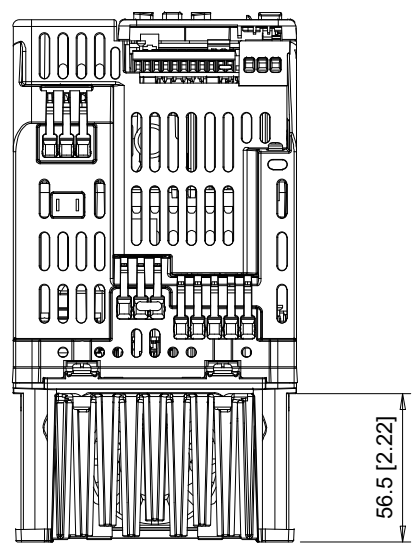
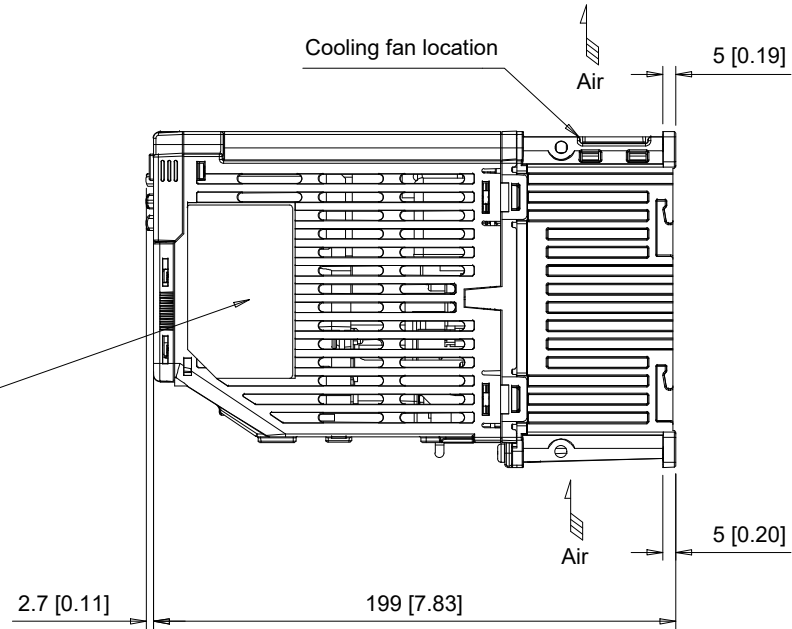
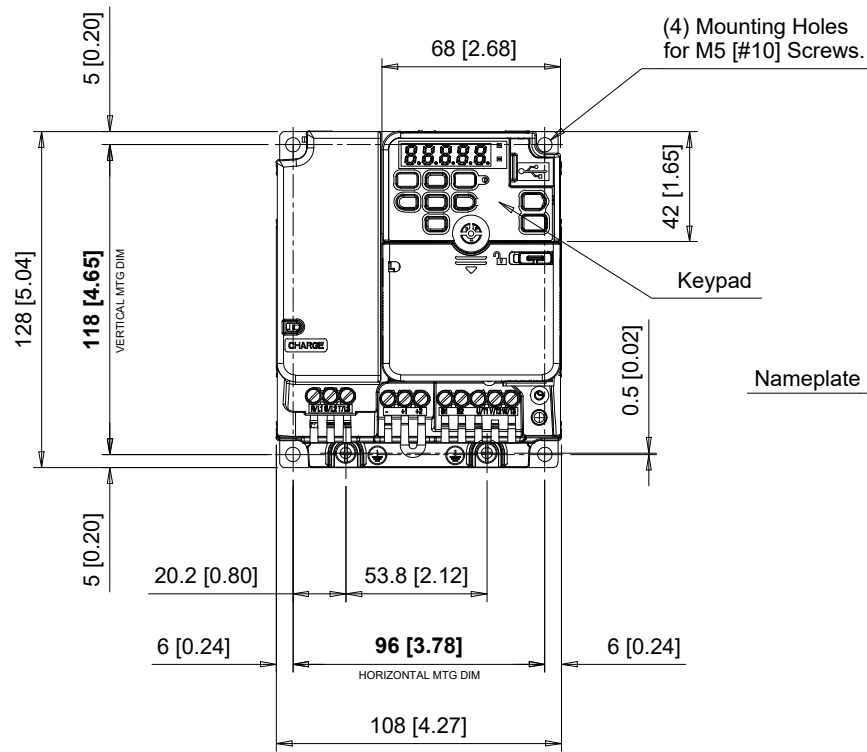


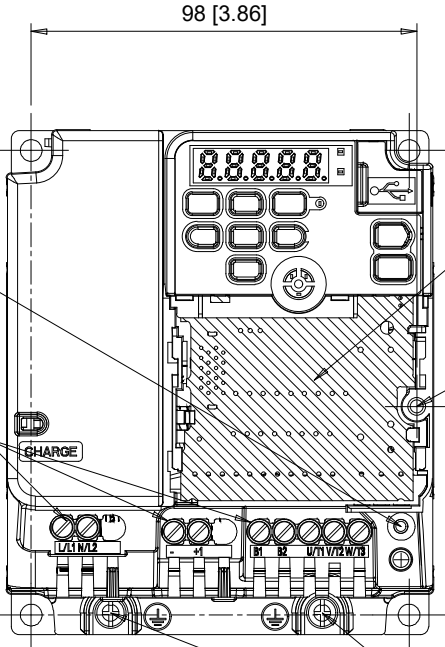


| C/C:<br>HV35□                 | INPUT VOLTAGE<br>(VAC) | WEIGHT<br>Kg (lb) | COOLING<br>FANS |
|-------------------------------|------------------------|-------------------|-----------------|
| B010□□□                       | 200 TO 240<br>1-PHASE  | 1.8 (4.0)         | 1               |
| 4005□□□<br>4007□□□<br>4009□□□ | 380 TO 480<br>3-PHASE  | 1.9 (4.2)         | 1               |

□ denotes A-Z

Terminal and Wiring Information for HV35□B010

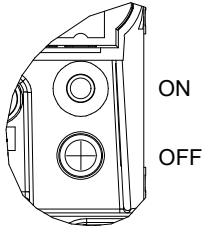
FRONT VIEW



Base Point of  
Control Circuit Board

Grounding Terminals  
with M4 Screws;  
Phillips(+)/Slotted(-) combo

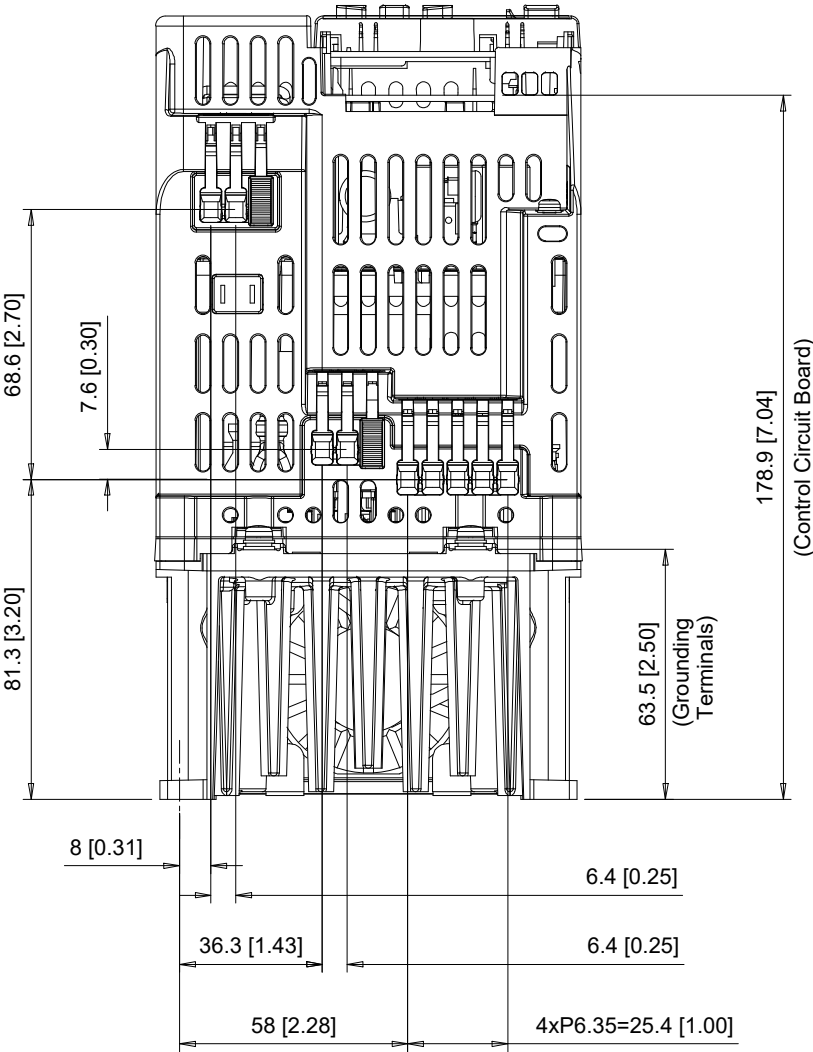
EMC FILTER SWITCH



Detail A  
Scale 1:1

M3 Screw

BOTTOM VIEW

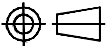


| C/C:<br>HV35□ | TERMINAL<br>SYMBOL | WIRE RANGE<br>AWG (mm²) | TERMINAL<br>SCREW | CLAMPING TORQUE<br>N.m. (lb.in.) |
|---------------|--------------------|-------------------------|-------------------|----------------------------------|
| B010□□□       | L/L1, N/L2         | 14 - 10 (2.5 - 6)       | 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.

**YASKAWA**



UNITS MM [IN]

SCALE 1:2

DRWN. J. MATTAS  
CHKD. J. PIOTROWSKI  
TECH. L. UDDIN  
APRV. J. CAIRO

9-27-22  
9-28-22  
10-20-22  
10-25-22

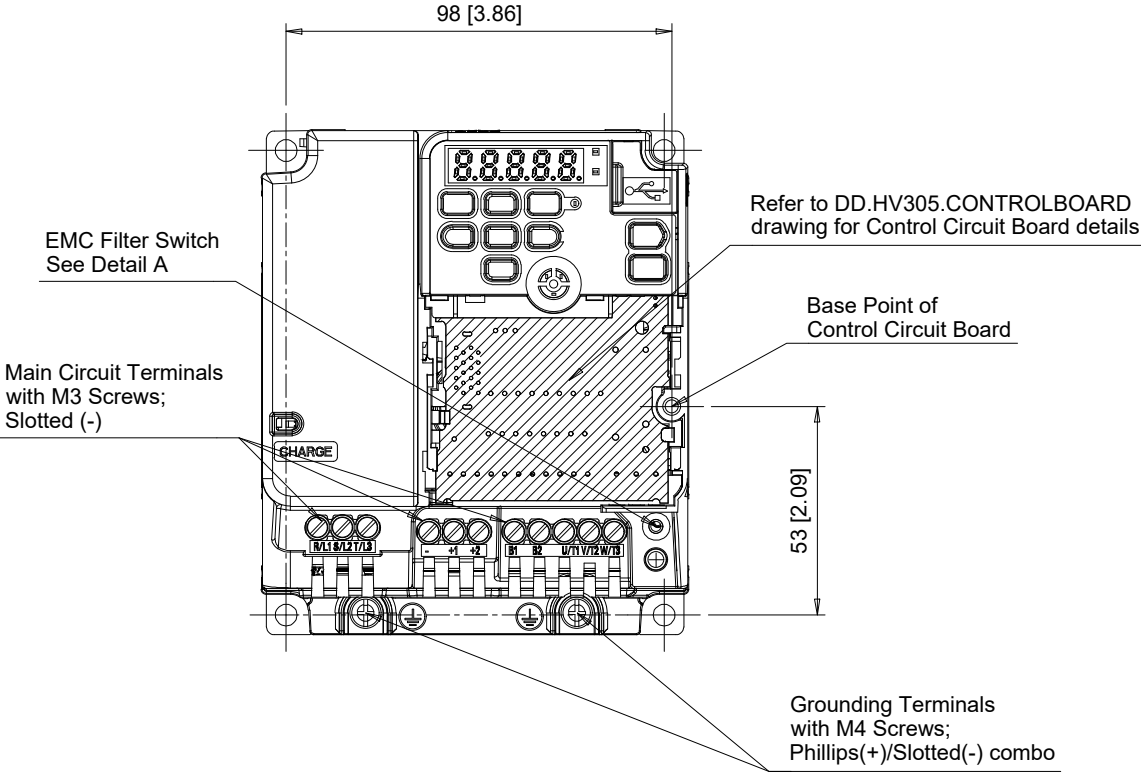
TITLE  
HV305 DIMENSION DRAWING  
FRAME SIZE 2.5  
IP20 ENCLOSURE WITH EMC FILTER

SIZE A  
PAGE 2 OF 4  
DWG.NO.  
DD.HV305.FR2.5.IP20.EMC

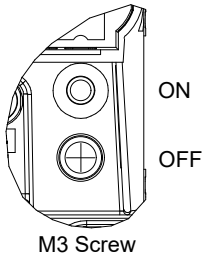
REV  
0

Terminal and Wiring Information for HV35□4005, HV35□4007 and HV35□4009

FRONT VIEW

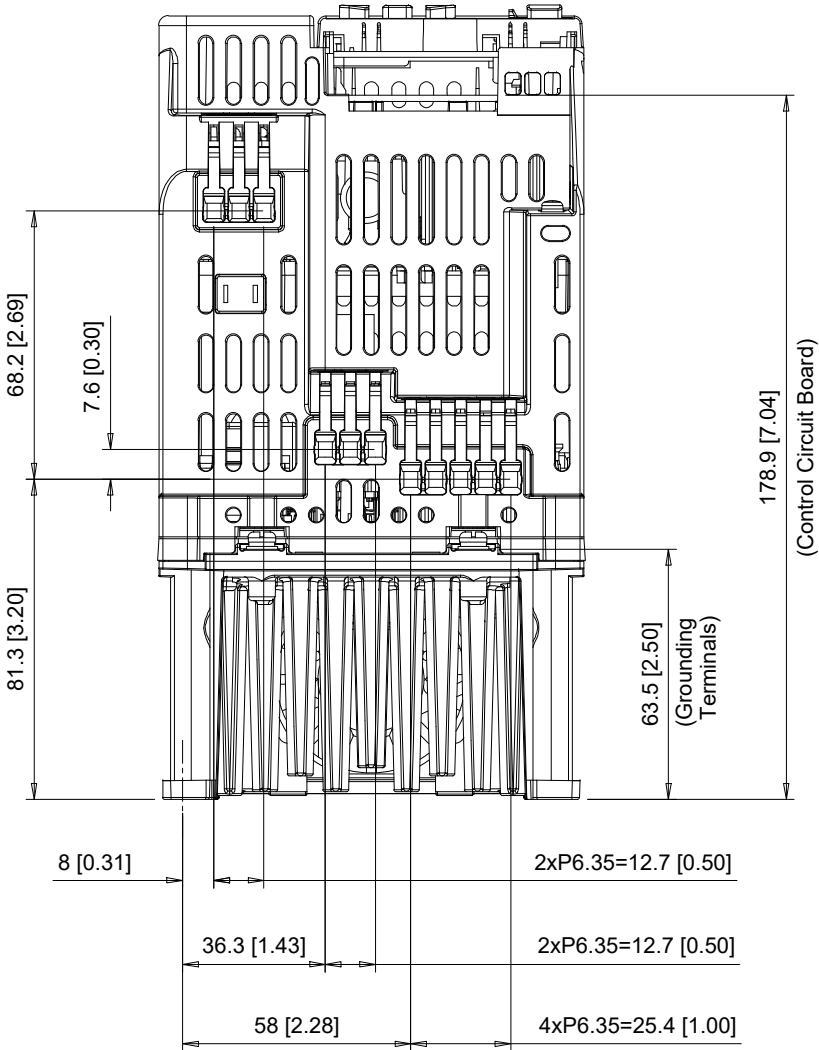


EMC FILTER SWITCH



Detail A  
Scale 1:1

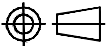
BOTTOM VIEW



| C/C:<br>HV35□                 | TERMINAL<br>SYMBOL | WIRE RANGE<br>AWG (mm²) | TERMINAL<br>SCREW | CLAMPING TORQUE<br>N.m. (lb.in.) |
|-------------------------------|--------------------|-------------------------|-------------------|----------------------------------|
| 4005□□□<br>4007□□□<br>4009□□□ | 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.

**YASKAWA**



UNITS MM [IN]  
SCALE 1:2

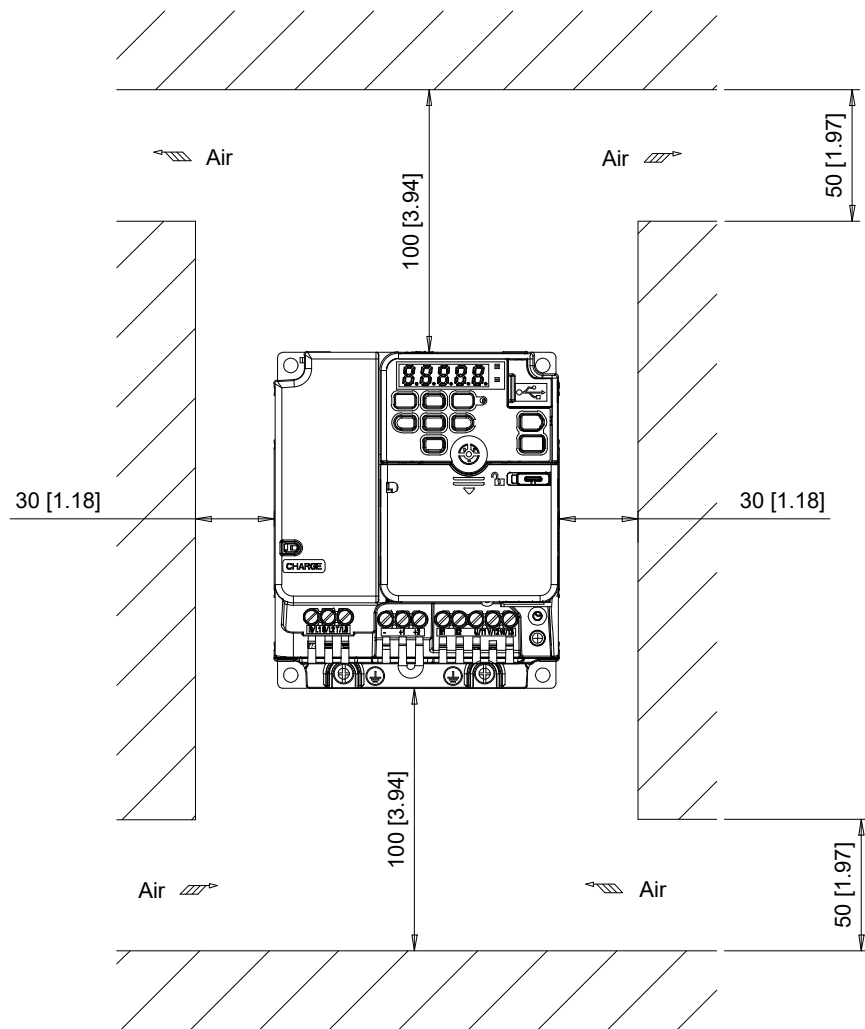
|       |               |          |
|-------|---------------|----------|
| DRWN. | J. MATTAS     | 9-27-22  |
| CHKD. | J. PIOTROWSKI | 9-28-22  |
| TECH. | L. UDDIN      | 10-20-22 |
| APRV. | J. CAIRO      | 10-25-22 |

TITLE  
HV305 DIMENSION DRAWING  
FRAME SIZE 2.5  
IP20 ENCLOSURE WITH EMC FILTER

|                                    |             |
|------------------------------------|-------------|
| SIZE A                             | PAGE 3 OF 4 |
| DWG.NO.<br>DD.HV305.FR2.5.IP20.EMC |             |

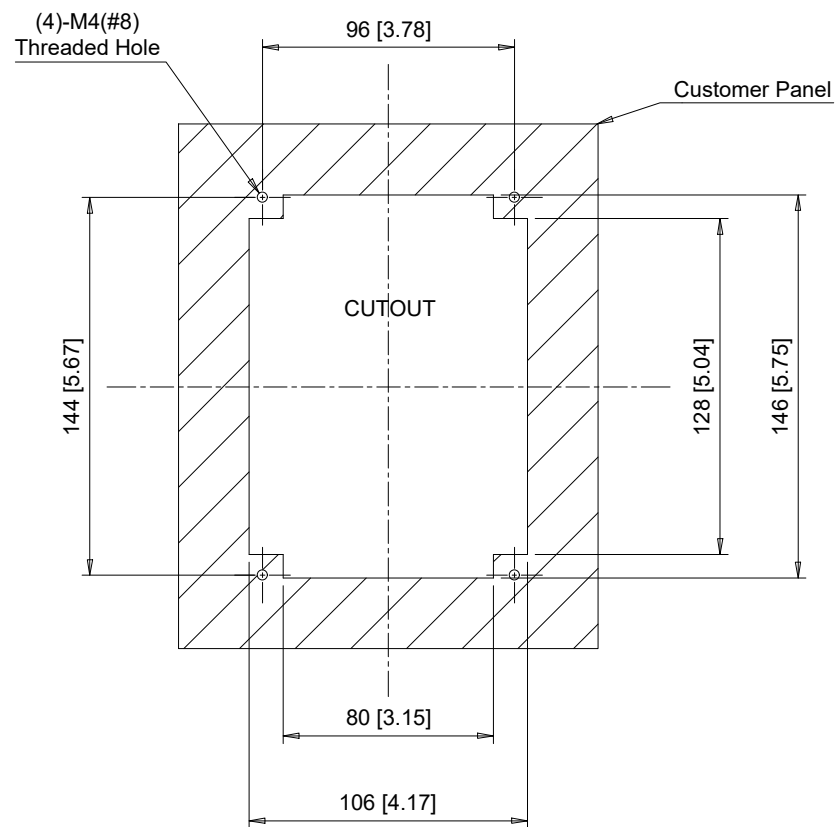
REV  
0

# Minimum Installation Clearances



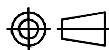
Note:  
For alternate mounting configurations, consult manual.

# Panel Cutout For External Heatsink Mounting Configuration



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

**YASKAWA**



UNITS MM [IN]

SCALE 1:3

|       |               |          |
|-------|---------------|----------|
| DRWN. | J. MATTAS     | 9-27-22  |
| CHKD. | J. PIOTROWSKI | 9-28-22  |
| TECH. | L. UDDIN      | 10-20-22 |
| APRV. | J. CAIRO      | 10-25-22 |

|                                |
|--------------------------------|
| TITLE                          |
| HV305 DIMENSION DRAWING        |
| FRAME SIZE 2.5                 |
| IP20 ENCLOSURE WITH EMC FILTER |

|         |                         |
|---------|-------------------------|
| SIZE    | A                       |
| PAGE    | 4 OF 4                  |
| DWG.NO. | DD.HV305.FR2.5.IP20.EMC |

|     |
|-----|
| REV |
| 0   |