

## 2 Assembly Drawings

The table shows the part identifier which can be found in the assembly drawings below and their function

| Part Identifier | Function        |
|-----------------|-----------------|
| EC101           | Top Cover       |
| EC102           | Capacitor Cover |
| EC103           | Bottom Case     |
| EC104           | Case Cover      |
| FP101           | Face Plate      |

### Please Note:

If only protection degree IP20 is required the Top Cover (EC101) does not need to be mounted.

**CIMR-AC4A0058AAA to 4A0072 / CIMR-AC2A0110 to 2A0138**

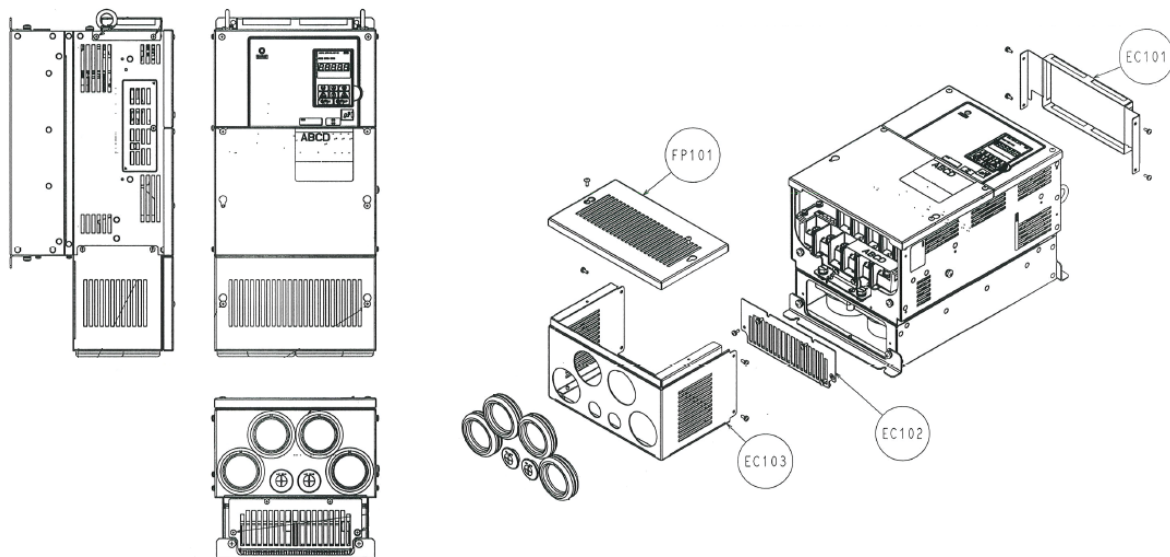


Figure 1: DACT35334\_00[1]

### CIMR-AC4A0088 to 4A0103

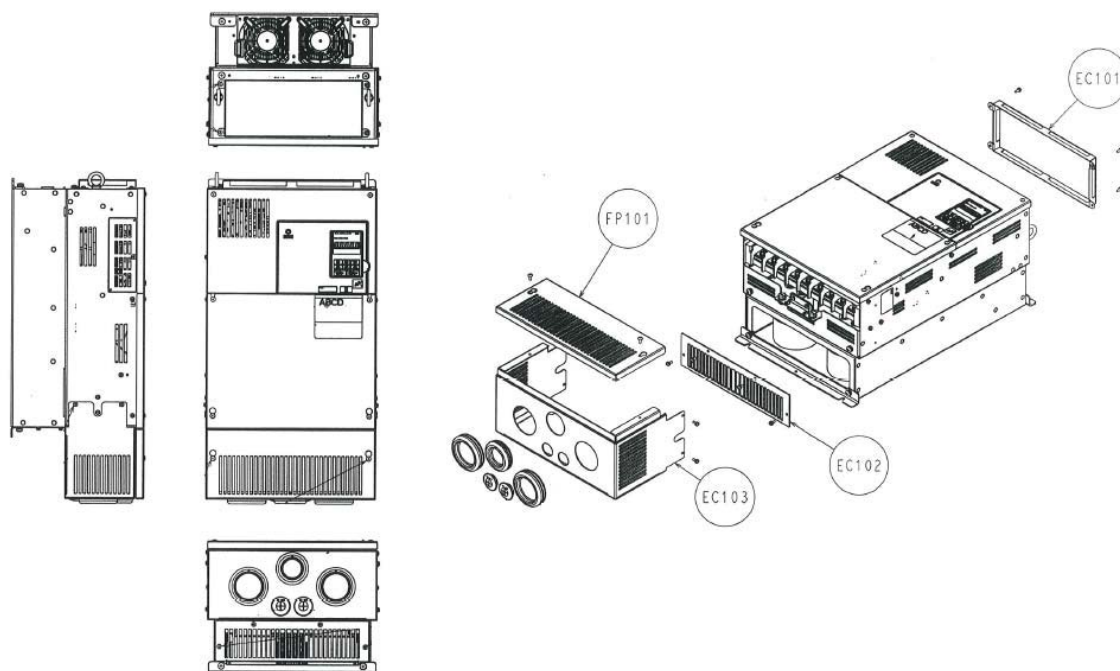


Figure 2: DACT35335\_00

### CIMR-AC4A0139 to 4A0362 / CIMR-AC2A0169 to 2A0360

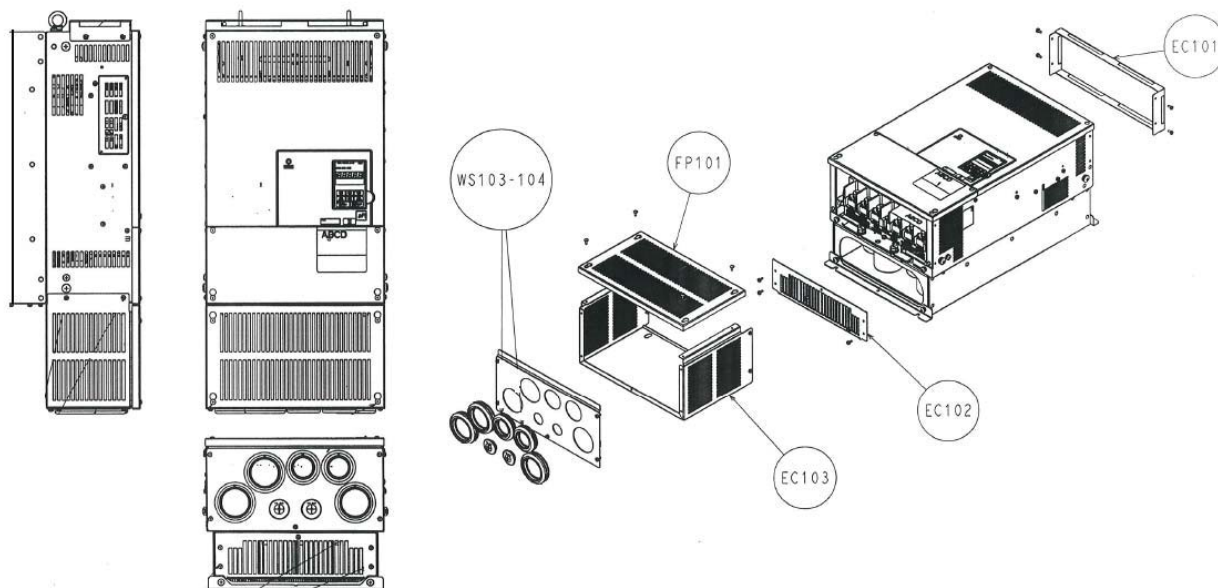


Figure 3: DACT35336\_00

### 3 Dimensions of IP20 / NEMA Type 1 Drives

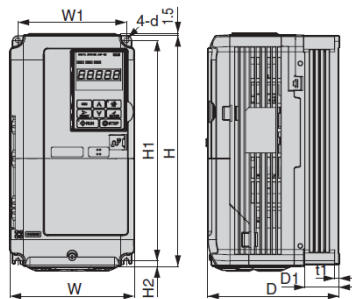


Figure 1

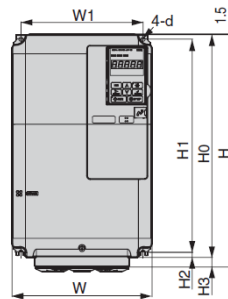


Figure 2

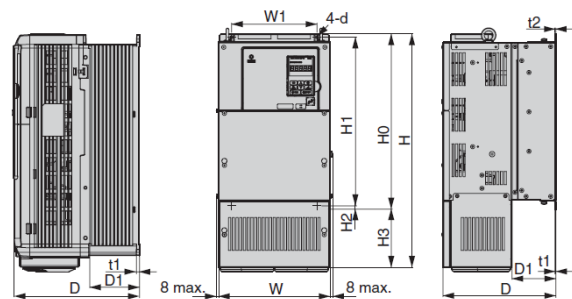


Figure 3

*Figure 4: Dimensional Drawings*

[illegible]

| Model<br>CIMR-AA4A: | Max. Applicable Motor Capacity (kW) |            | Figure | Dimensions (mm) |     |     |     |     |     |     |     |     |     |     |    |      | Weight<br>(kg) | Cooling    |     |     |      |     |     |     |     |     |     |
|---------------------|-------------------------------------|------------|--------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|----------------|------------|-----|-----|------|-----|-----|-----|-----|-----|-----|
|                     | Normal Duty                         | Heavy Duty |        | W               | H   | D   | W1  | H0  | H1  | H2  | H3  | D1  | t1  | t2  | d  |      |                |            |     |     |      |     |     |     |     |     |     |
| 0002                | 0.75                                | 0.4        | 1      | 140             | 260 | 147 | 122 | —   | 248 | 6   | —   | 38  | 5   | —   | M5 | 3.2  | Self cooling   |            |     |     |      |     |     |     |     |     |     |
| 0004                | 1.5                                 | 0.75       |        | 140             | 260 | 164 | 122 | —   | 248 | 6   | —   | 55  | 5   | —   |    | 3.4  |                |            |     |     |      |     |     |     |     |     |     |
| 0005                | 2.2                                 | 1.5        |        |                 |     | 3.5 |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0007                | 3.0                                 | 2.2        |        |                 |     | 3.9 |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0009                | 3.7                                 | 3.0        |        |                 |     | 5.4 |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0011                | 5.5                                 | 3.7        |        |                 |     | 5.7 |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0018                | 7.5                                 | 5.5        |        |                 |     | 8.3 |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0023                | 11                                  | 7.5        |        | 180             | 300 | 167 | 160 | —   | 284 | 8   | —   | 55  | 5   | —   |    | 23   |                | Fan cooled |     |     |      |     |     |     |     |     |     |
| 0031                | 15                                  | 11         | 75     |                 |     | 27  |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0038                | 18.5                                | 15         | 29     |                 |     | 39  |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0044                | 22                                  | 18.5       | 32     |                 |     | 45  |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0058                | 30                                  | 22         | 35     |                 |     | 46  |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0072                | 37                                  | 30         | 38     |                 |     | 47  |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0088                | 45                                  | 37         | 40     |                 |     | 48  |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0103                | 55                                  | 45         | 42     |                 |     | 49  |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |
| 0139                | 75                                  | 55         | 3      | 329             | 630 | 258 | 260 | 510 | 495 | 7.5 | 120 | 105 | 2.3 | 3.2 | M6 | 45   |                |            |     |     |      |     |     |     |     |     |     |
| 0165                | 90                                  | 75         |        |                 | 730 |     |     |     |     |     |     |     |     |     |    | 283  | 550            | 535        | 180 | 110 | 2.3  | 46  |     |     |     |     |     |
| 0208                | 110                                 | 90         |        |                 | 456 |     |     |     |     |     |     |     |     |     |    | 960  | 330            | 325        | 705 | 680 | 12.5 | 255 | 130 | 3.2 | 3.2 | M10 | 87  |
| 0250                | 132                                 | 110        |        |                 | 504 |     |     |     |     |     |     |     |     |     |    | 1168 | 350            | 370        | 800 | 773 | 13   | 368 | 130 | 4.5 | 4.5 | M12 | 106 |
| 0296                | 160                                 | 132        |        |                 |     |     |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     | 112 |
| 0362                | 185                                 | 160        |        |                 |     |     |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     | 117 |
|                     |                                     |            |        |                 |     |     |     |     |     |     |     |     |     |     |    |      |                |            |     |     |      |     |     |     |     |     |     |

Figure 5: Dimensions of IP20/NEMA 1 Drives

#### 4 Required Derating

When the IP20 / NEMA Type 1 kit is mounted a different temperature derating must be considered.

- In case the complete **NEMA Type 1** kit including the Top Cover (part EC101) has been mounted a stricter temperature derating must be considered by setting  $L8-35 = 2$  (for NEMA Type 1)
- In case only **IP20** is required and the Top Cover (part EC101) is not mounted the standard temperature specification can be applied and  $L8-35 = 0$  should be set.