NOTE:
PROTECTIVE COVERS ARE FACTORY INSTALLED TO THE TOP AND BOTTOM OF THE DRIVE TO MEET IP20 & NEMA TYPE 1 REQUIREMENTS, RESULTING IN AN AMBIENT TEMPERATURE RATING OF 104°F(40°C). REMOVE THESE COVERS WHEN OPERATING THE DRIVE WITHIN A PANEL TO OBTAIN THE MAXIMUM SURROUNDING AIR TEMPERATURE RATING OF 122°F(50°C). REMOVING THESE COVERS RESULTS IN AN ENCLOSURE RATING OF IP00.

<table>
<thead>
<tr>
<th>MODEL # CIMR-ZU</th>
<th>VOLTAGE THREE-PHASE (VAC)</th>
<th>OUTPUT CURRENT (A)</th>
<th>WEIGHT LBS (Kg)</th>
<th>HEAT LOSS (W) (F=5kHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>INT</td>
<td>EXT</td>
<td>TOT</td>
</tr>
<tr>
<td>2A0011FXX</td>
<td>200/240</td>
<td>10.6</td>
<td>12.3 (5.6)</td>
<td>28</td>
</tr>
<tr>
<td>2A0017FXX</td>
<td></td>
<td>16.7</td>
<td>13.0 (5.9)</td>
<td>37</td>
</tr>
<tr>
<td>4A0005FXX</td>
<td></td>
<td>4.8</td>
<td>11.9 (5.4)</td>
<td>24</td>
</tr>
<tr>
<td>4A0008FXX</td>
<td></td>
<td>7.6</td>
<td>12.5 (5.7)</td>
<td>33</td>
</tr>
<tr>
<td>4A0011FXX</td>
<td></td>
<td>11.0</td>
<td>13.4 (6.1)</td>
<td>38</td>
</tr>
</tbody>
</table>

NOTE:
XX DENOTES AA-ZZ

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL.
TERMINAL AND WIRING DETAILS (SCALE 1:3)

CONTROL CIRCUIT TERMINALS

MAIN CIRCUIT TERMINALS

EMC FILTER SWITCHES

GROUND TERMINALS

TERMINAL AND WIRE SPECIFICATIONS FOR
MAIN CIRCUIT AND GROUND

<table>
<thead>
<tr>
<th>MODEL #</th>
<th>TERMINAL SYMBOL</th>
<th>TERMINAL SCREW</th>
<th>CLAMPING TORQUE lb.in. (N.m.)</th>
<th>WIRE RANGE AWG (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2A0011</td>
<td>R/L1, S/L2, T/L3, U/T1, V/T2, W/T3, -M, +M</td>
<td>M4</td>
<td>14 TO 16 (1.6 TO 1.8)</td>
<td>24-8 (0.25-10)</td>
</tr>
<tr>
<td>2A0017</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4A0005</td>
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<tr>
<td>4A0011</td>
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<td></td>
</tr>
</tbody>
</table>

NOTE: REFER TO APPLICABLE CODES FOR PROPER WIRE TYPE AND SIZE

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

YASKAWA

J. MATTAS  9-23-11
J. PIOTROWSKI  10-21-11
J. BORJA  9-22-11
J. CAIRO  10-17-11

Z1000 DIMENSION DRAWING
FRAME SIZE 1
NEMA TYPE 1 ENCLOSURE
2A0011 - 0017, 4A0005 - 0011

IN [mm] BY VIEW

YASKAWA AMERICA, INC.
MINIMUM INSTALLATION CLEARANCES (SCALE 1:8)

NOTE:
FOR SIDE-BY-SIDE MOUNTING
CONSULT MANUAL

PANEL CUTOUT FOR EXTERNAL HEATSINK
MOUNTING CONFIGURATION (SCALE 1:8)

NOTES:
1. EXTERNAL HEATSINK
CONFIGURATION REQUIRES
MOUNTING KIT
2. CUTOUT TOLERANCES:
+/- 0.02 IN (0.5MM)
3. EXPOSED HEATSINK DEPTH
D=4.15" MINUS PANEL THICKNESS

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL