NOTE:
MAXIMUM SURROUNDING AIR TEMPERATURE RATING IS 122°F (50°C).

LIFTING AND EYEBOLT DETAILS

NOTE:
SPREADER BAR REQUIRED TO AVOID DAMAGE DURING LIFTING

(20)-MOUNTING HOLES FOR 3/8"[M10] SCREWS

(2)-MOUNTING BRACKETS USED DURING TRANSPORT ONLY REMOVE BEFORE INSTALLING

MODEL #
CIMR-ZU

VOLTAGE
THREE-PHASE (VAC)

OUTPUT
CURRENT (A)

WEIGHT
LBS (Kg)

HEAT LOSS (W)
(Fc=2kHz)

INT ext TOT

4A0480UXX 380/480 480 492 (223) 2011 3881 5893

4A0515UXX 515 492 (223) 1670 3567 5238

4A0590UXX 590 503 (228) 1964 4130 6094

NOTE:
XX DENOTES AA-ZZ

INT=INTERNAL COMPONENTS
EXT=EXTERNAL HEAT SINK
TOT=TOTAL

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

YASKAWA

THIS DOCUMENT AND INFORMATION CONTAINED IN IT ARE CONFIDENTIAL AND CANNOT BE COPIED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF YASKAWA AMERICA, INC.
TERMINAL AND WIRING DETAILS (SCALE 1:8)

CONTROL CIRCUIT TERMINALS

MAIN CIRCUIT TERMINALS

(2) 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>
</tr>
</thead>
<tbody>
<tr>
<td>CIMR-ZU</td>
<td>R/L1, S/L2, T/L3</td>
<td>M12</td>
<td>283.2 TO 354.0 (32 TO 40)</td>
</tr>
<tr>
<td>4A0480</td>
<td>U/T1, V/T2, W/T3</td>
<td>Ø1</td>
<td></td>
</tr>
<tr>
<td>4A0515</td>
<td>Ø3</td>
<td>M12</td>
<td>283.2 TO 354.0 (32 TO 40)</td>
</tr>
<tr>
<td>4A0590</td>
<td></td>
<td>M12</td>
<td>283.2 TO 354.0 (32 TO 40)</td>
</tr>
</tbody>
</table>

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

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL

YASKAWA

Z1000 DIMENSION DRAWING
FRAME SIZE 10
DESIGNED FOR IP54/TYPE 12 ENCLOSURE
4A0480U, 4A0515U, 4A0590U

DRAWN: J. MATTAS
CHECKED: J. PIOTROWSKI
APPROVED: J. BORJA
DRAWN: J. CAIRO

DATE: 7-15-13
DATE: 7-20-13
DATE: 8-5-13

PAGE: 2 of 3
Panel cutout for external heatsink mounting configuration (scale 1:20).

NOTES:
1. Cutout tolerances: +/- 0.02\(\text{in.(0.5mm)}\)
2. Exposed heatsink depth D = 7.71\(\text{in.(196mm)}\)
3. Min. recommended panel thickness: 0.96\(\text{in.(24.5mm)}\)

FOR ADDITIONAL DETAILS AND SPECIFICATIONS, CONSULT MANUAL.