MECHANICAL LUG CONFIGURATION: 1000-2000A

TABLE 1: WEIGHT & COG OF OPENSTYLE BYPASS ISOLATION ATS MECHANICAL LUG CONFIGURATION

<table>
<thead>
<tr>
<th>AMPERAGE</th>
<th># OF POLES</th>
<th>CENTER OF GRAVITY (X)</th>
<th>CENTER OF GRAVITY (Y)</th>
<th>CENTER OF GRAVITY (Z)</th>
<th>KG [LBS]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000-2000A</td>
<td>8 POLE</td>
<td>101.3 [251.13]</td>
<td>151.5 [393.63]</td>
<td>171.3 [344.43]</td>
<td>143.2 [316.32]</td>
</tr>
<tr>
<td></td>
<td>4 POLE</td>
<td>102.5 [227.72]</td>
<td>152.7 [383.6]</td>
<td>172.9 [373.6]</td>
<td>144.2 [318.76]</td>
</tr>
</tbody>
</table>

1. This section must reference to SI 900000
2. See Table 4, Section 4, for further details.
3. The switch is a single-pole device and is configured as a bypass isolation ATS.
4. Lugs shown for use in Neutral and Grounding applications.
5. The switch is designed for 250 KCMIL cable only.
6. The switch is designed for indoor use only.
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74. The switch is designed for indoor use only.
MECHANICAL LUG CONFIGURATION: 2600A-3000A
**TABLE 3: WEIGHT & COG OF OPENSTYLE BYPASS ISOLATION ATS COMPRESSION LUG CONFIGURATION**

<table>
<thead>
<tr>
<th>Ampere Rating</th>
<th># of Poles</th>
<th>Center of Gravity (mm)</th>
<th>Lug Width (mm)</th>
<th>Weight (Kg/Lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000-2000A</td>
<td>3 Pole</td>
<td>534.9/213 109.9/43</td>
<td>150.7/59.1</td>
<td>575.8/206.9</td>
</tr>
<tr>
<td></td>
<td>4 Pole</td>
<td>556.9/219 124.9/49</td>
<td>150.7/59.1</td>
<td>570.0/202.6</td>
</tr>
</tbody>
</table>

*Weight shown in Table #3 includes weight of bypass isolation ATS and lugs.*
TABLE 5 : WEIGHT & COG OF OPENSTYLE BYPASS ISOLATION ATS REAR BUS OPTION

<table>
<thead>
<tr>
<th>AMPERAGE RATING</th>
<th># OF POLES</th>
<th>CENTER OF GRAVITY</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000-3000A</td>
<td>3 POLE</td>
<td>35.08 kg (77.5 lb)</td>
<td>743.8</td>
</tr>
<tr>
<td></td>
<td>4 POLE</td>
<td>39.3 kg (86.9 lb)</td>
<td>747.7</td>
</tr>
<tr>
<td>4000-5000A</td>
<td>3 POLE</td>
<td>35.08 kg (77.5 lb)</td>
<td>490.9</td>
</tr>
<tr>
<td></td>
<td>4 POLE</td>
<td>39.3 kg (86.9 lb)</td>
<td>503.9</td>
</tr>
</tbody>
</table>

NOTES:
1. CUSTOMER TO MODIFY THE ENCLOSURE TO MEET THE BUS DESIGN CRITERIA
2. * WEIGHT SHOWN IN TABLE # 5 INCLUDES WEIGHT OF BYPASS ISOLATION ATS

RECOMMENDED LOAD RUNBACK (NOT SUPPLIED)

MATERIAL: SILVER FLASHED COPPER
QTY. REQUIRED: 8 FOR 4 POLE, 6 FOR 3 POLE

Source 1:
L1A, L1B, L1C, L1N

Source 2:
L2A, L2B, L2C, L2N

Front View

Side View

Rear View

Rear Bus Details

GE Zenith Controls

Material: Silver Flashed Copper
QTY. REQUIRED: 16 FOR 4 POLE, 12 FOR 3 POLE

Recommended Line Runback (Supplied)

MATERIAL: SILVER FLASHED COPPER
QTY. REQUIRED: 4 FOR 4 POLE, 3 FOR 3 POLE

NOTES:
1. CUSTOMER TO MODIFY THE ENCLOSURE TO MEET THE BUS DESIGN CRITERIA
2. * WEIGHT SHOWN IN TABLE # 5 INCLUDES WEIGHT OF BYPASS ISOLATION ATS
**Recommended Electrical Panel Mounting Details**

(Supplied with Unit)

**Front View**

- **BRAIN BOX MOUNTING**: 2 x 1/4 - 20 x 0.375" Long PEM Studs

- **12.7 X 9.0 SLOT**: [0.50] [0.35] 2 PLACES

**Recommended Bypass Isolation ATS Door Modifications**

(Customer Supplied)

**Front View**

- **Controller Mounting Hole Pattern**
  - See Detail A
- **Control Switch / Contact Reset Button Holes**
  - See Detail B
- **Mini Door Cutout**
  - See Detail C

**Scale**: 0.200

**Dimensions**:
- 67.5 [1.14]
- 74.6 [1.14]
- 57.2 [1.14]
- 57.2 [1.14]
- 21.0 [0.84]
- 48.0 [1.19]
- 48.0 [1.19]
- 8 x 12.7 [0.50]
- 25.4 [1.00]
- 25.4 [1.00]
- 25.4 [1.00]
- 25.4 [1.00]

**GE Zenith Controls**

Model: 85C-1003

Scale: 1.000

Sheet 6 of 7
TABLE #6: WEIGHT & COG OF ATS

<table>
<thead>
<tr>
<th>AMPERAGE RATING</th>
<th># OF POLES</th>
<th>Xa</th>
<th>Ya</th>
<th>Za</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000-3000 A</td>
<td>3 POLE</td>
<td>260.9</td>
<td>10.27</td>
<td>560.3</td>
<td>22.08</td>
</tr>
<tr>
<td></td>
<td>4 POLE</td>
<td>270.0</td>
<td>10.63</td>
<td>559.6</td>
<td>22.03</td>
</tr>
</tbody>
</table>

NOTES:
1. USE SPREADER BAR FOR REMOVING ATS OUT OF ENCLOSURE (NOT SUPPLIED)
2. * WEIGHT SHOWN IN TABLE #6 IS OF ATS LIFTING HOLES

ATS SHOWN OUTSIDE THE ENCLOSURE

GE Zenith Controls

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SIZE DRAWING NO. REV SHEET
C 85C-1003 B

DETAIL PK 11/22/12 SCALE: 0.070 SHEET 7 OF 7

THIRD ANGLE PROJECTION