D-M-E Transformer Applications

Current/Power Specifications (Option A)

Primary Current Draw in Amps for Various 3 Phase Transformers

- 208 Vac
- 240 Vac
- 380 Vac
- 480 Vac
- 580 Vac

<table>
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<th>3 Phase Transformer</th>
<th>5 kVA</th>
<th>7.5 kVA</th>
<th>10 kVA</th>
<th>15 kVA</th>
<th>25 kVA</th>
<th>30 kVA</th>
<th>40 kVA</th>
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<td>Specialty Fuses</td>
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<td>16.7</td>
<td>25.5</td>
<td>38.5</td>
<td>63.5</td>
<td>75.5</td>
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<td>11.3</td>
<td>17.5</td>
<td>26.5</td>
<td>43.5</td>
<td>51.5</td>
<td>62.5</td>
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Second Secondary Draw in Amps for Various 3 Phase Transformers (At X1, X2, or X3)

- 240 Vac

<table>
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<th>3 Phase Transformer</th>
<th>5 kVA</th>
<th>7.5 kVA</th>
<th>10 kVA</th>
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<td>11.3</td>
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</tbody>
</table>

Transformer Secondary Power to D-M-E Mainframe Input

Load Specifications (240 Vac)

- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Zone 5
- Zone 6
- Zone 7
- Zone 8
- Zone 9
- Zone 10
- Zone 11
- Zone 12

Load Draw

- Load Current A = Zone 1 Amps + Zone 4 Amps + Zone 7 Amps + Zone 10 Amps
- Load Current B = Zone 2 Amps + Zone 5 Amps + Zone 8 Amps + Zone 11 Amps
- Load Current C = Zone 3 Amps + Zone 6 Amps + Zone 9 Amps + Zone 12 Amps

Wattage Draw

- Load Power A = Zone 1 Watts + Zone 4 Watts + Zone 7 Watts + Zone 10 Watts
- Load Power B = Zone 2 Watts + Zone 5 Watts + Zone 8 Watts + Zone 11 Watts
- Load Power C = Zone 3 Watts + Zone 6 Watts + Zone 9 Watts + Zone 12 Watts

D-M-E Company provides these application notes as a suggested method based upon prior applications and experience. D-M-E Company assumes no liability or responsibility for the use of this document for customer applications.

D-M-E Company reserves the right to make any changes to these specifications without notice.

February 29, 1996