**XTOE/ZEB IEC Electronic Overload**

- Self Powered

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### Dangerous Electrical Current!

Only skilled qualified persons may carry out the following operations.

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**UNIT STATUS**

- Motor is running. Current < 1.5 Times the FLA Setting: 1 Flash/ 2 seconds
- Motor is running. Current > 1.5 Times the FLA Setting: No Flash
- If the orange trip flag is visible, a trip has occurred. No Flash

**Ground Fault Unit**

- 3D Systems only
- GF 50% FLA Setting
- Rotate FLA dial to current listed on motor nameplate for all motor Service Factors.

**Motor Service Factor**

Overload Tripping Current = 115%

---

**Phase Imbalance Selection**

- Pull Red Button "click"
- Push Blue Reset Button "click"
- Push Red Button "no click"

---

**STANDARD UNIT** 30 or 10

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**Optional Accessories**

- ZEB-XRB
- ZEB-XSC
- Tamper Proof Cover

---

**Expansion Port**

- Options:
  - C440-XCOM
  - ZEB-XRR-120
  - ZEB-XRR-24

See page 2 for details:
- Modbus
- DeviceNet
- Profibus
- I/O

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**Effective December 2010**

**Supersedes July 2010**

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**Contact factory or Eaton website for hot trip curves.**

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**Automatic or network reset is not intended for two-wire control devices.**

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**Un raccourcissement automatique ou un de réseau ne convient pas aux dispositifs de contrôle à deux conducteurs.**

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**Coil Power Selection**

- NC
- NO
- 95
- 97
- 96

---

**Description**

<table>
<thead>
<tr>
<th>Terminal Capacity</th>
<th>Torque lbs</th>
<th>Torque lb-f</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contactor</td>
<td>2 x 1/3-10</td>
<td>7-11</td>
</tr>
<tr>
<td>Load 45 mm</td>
<td>3 x 1/3-10</td>
<td>10-25</td>
</tr>
<tr>
<td>Load 55 mm</td>
<td>1 x 1/4-11</td>
<td>25-30</td>
</tr>
</tbody>
</table>

---

**EATON**

Powering Business Worldwide
XTOE/ZEB IEC Electronic Overload
- Self Powered

### XTOE/ZEB Starters

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expansion Module (24V dc Remote Reset/Modbus RTU, RS485) - 6pin</td>
<td>C440-XCOM</td>
</tr>
<tr>
<td>Remote Reset Module (120V ac) - 2pin</td>
<td>ZEB-XRR-120</td>
</tr>
<tr>
<td>Remote Reset Module (24V ac) - 2pin</td>
<td>ZEB-XRR-24</td>
</tr>
<tr>
<td>Tamper Proof FLA DIAL Cover</td>
<td>ZEB-XSC</td>
</tr>
<tr>
<td>RESET BAR</td>
<td>ZEB-XRB</td>
</tr>
<tr>
<td>Communication Adapter</td>
<td>C440-COM-ADP</td>
</tr>
</tbody>
</table>

### Communication Kits

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device Net Com module kit - 120V ac I/O</td>
<td>C440-DN-120</td>
</tr>
<tr>
<td>Device Net Com module kit - 24V dc I/O</td>
<td>C440-DN-24</td>
</tr>
<tr>
<td>Profinet Com module kit - 120V ac I/O</td>
<td>C440-DP-120</td>
</tr>
<tr>
<td>Profinet Com module kit - 24V dc I/O</td>
<td>C440-DP-24</td>
</tr>
<tr>
<td>Modbus Com module kit - 120V ac I/O</td>
<td>C440-MOD-120</td>
</tr>
<tr>
<td>Modbus Com module kit - 24V dc I/O</td>
<td>C440-MOD-24</td>
</tr>
</tbody>
</table>

### Approved External CT to be used with 1-5A Stand Alone Overload

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT Package (60-300A)</td>
<td>ZEB-XCT300</td>
</tr>
<tr>
<td>CT Package (120-600A)</td>
<td>ZEB-XCT600</td>
</tr>
<tr>
<td>CT Package (200-1000A)</td>
<td>ZEB-XCT1000</td>
</tr>
<tr>
<td>CT Package (300-1500A)</td>
<td>ZEB-XCT1500</td>
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