**IEC Power Control**

**CONTROLLER & STARTER SELECTION**
(Based on UL/CSA Ratings)

<table>
<thead>
<tr>
<th>Control &amp; Starter Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frame D–R (Side)</strong></td>
</tr>
<tr>
<td>NO-1NC XTCEXSBN11</td>
</tr>
<tr>
<td>4NC XTCEXFBG04</td>
</tr>
<tr>
<td>4NO XTCEXFBG40</td>
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<tr>
<td>2NC XTCEXFBG02</td>
</tr>
<tr>
<td>1NO-1NC XTCEXFBG11</td>
</tr>
<tr>
<td><strong>Frame D–G (Front)</strong></td>
</tr>
<tr>
<td>2NO XTCEXFBG20</td>
</tr>
<tr>
<td>3NO-1NC XTCEXFAC31</td>
</tr>
<tr>
<td>1NO-1NC XTCEXFAC11</td>
</tr>
</tbody>
</table>

**Frame B–C (Front)**

Contactor Auxiliary Contacts

- Contactor
- Branch circuit protection
- Starter with electronic overload
- Combination motor controller

**Contactor Selection (based on IEC Ratings):**

- **Frame G** for use with XTCE _ _ _ G contactor
- **Frame C** for use with XTCE _ _ _ C contactor
- **Frame L** for use with XTC (E or S) _ _ _ L contactor
- **Frame D** for use with XTCE _ _ _ D contactor

**Motor Protection and Accessories:**

- Use suffix code L for 415V for Frame G.
- For use with 25–32A contactor only.

**Notes:**

- Overload Relay and MMP Selection Instructions:
  - Set motor horsepower to window and read motor circuit information under the proper frame size. Actual full load current is labeled on motor nameplate. Set motor horsepower to window and read motor circuit information under the proper frame size. Actual full load current is labeled on motor nameplate. Select Manual Motor Protectors, and Manual Motor Controllers, and Contactor Selection (based on UL/CSA Ratings): Requires 600:5 CT Kit (Catalog Number ZEB-XCT300).
  - Requires 300:5 CT kit (Catalog Number ZEB-XCT150).

**Contactor & Starter Selection (based on UL/CSA Ratings):**

- Select overload size using motor nameplate current rating for full load current and conformance to NEC 430.6. Select overload size using motor nameplate current rating for full load current and conformance to NEC 430.6.
- For a complete list of accessories, please see Volume 6—Motor Control and Protection. See the Guide for 600Vac/415V Transformer Table for details.

**Contactor & Starter Selection (based on IEC Ratings):**

- Select overload size using motor nameplate current rating for full load current and conformance to IEC 60947-5-1.

**230V**

- Frame D—XTCEXLSAD
- Frame B—XTCEXLSA, Line Side Adapter (Catalog Number ZEB-XCT300).

**380/400V**

- Frame D—XTCEXLSAD
- Frame B—XTCEXLSA, Line Side Adapter (Catalog Number ZEB-XCT300).

**Voltage Selection Table**

- **415V 50 Hz**
- **220V 50 Hz**
- **110V 50 Hz**

**Contactor Accessories**

- Manual Motor Protectors (MMP + contactor)—XTSC
- UL508 Type F combination motor controller—XTFC

**Contactor Catalog Number—XTC**

- AC-1 At 90ºC 1.2, 1.3 a, b, c
- AC-3 240–200V
- AC-4 480–200V

**Overload Relay and MMP Selection Instructions:**

- Set overload size using motor nameplate current rating for full load current and conformance to NEC 430.6. Select overload size using motor nameplate current rating for full load current and conformance to NEC 430.6.

**Manual Motor Protectors, and Motor Protection and Accessories:**

- Use suffix code L for 415V for Frame G.
- For use with 25–32A contactor only.

**Notes:**

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