Lighting Contactors - Control Transformer Kits
CR460 series - CR460XTB, CR460XTC, CR460XTD, CR460XTF, CR460XTM, CR460XTN, CR460XTP, CR460XTS and CR460XMT

INTRODUCTION
The control transformer kits are designed for use in enclosures CR460XE1D, CR460XE2D, and CR460XE4D for CR460 series lighting contactors. These kits enable mounting a control power transformer as one single, compact and economical unit. The component parts of these kits are shown in Figure 1.

WARNING!
HAZARDOUS VOLTAGE.
Disconnect all power before working on equipment.
Electrical shock will cause severe injury or death.

TENSION DANGEREUSE.
Coupez l'alimentation avant travailler sur le produit.
Electrocution peut causer de severes blessures ou la mort.

Control Power Transformer Ratings
Use Table A to identify the primary fuse required based on the primary voltage, and secondary voltage.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Primary Voltage: Secondary Voltage (50/60 Hz)</th>
<th>VA Ratings</th>
<th>Primary Fuse (CC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR460XTB</td>
<td>208V:110-120V</td>
<td>100</td>
<td>0.5</td>
</tr>
<tr>
<td>CR460XTC</td>
<td>220-240V/440-480V:110-120V</td>
<td>100</td>
<td>0.25</td>
</tr>
<tr>
<td>CR460XTD</td>
<td>277V:110-120V</td>
<td>100</td>
<td>0.25</td>
</tr>
<tr>
<td>CR460XTF</td>
<td>600V:110-120V</td>
<td>100</td>
<td>0.25</td>
</tr>
<tr>
<td>CR460XTM</td>
<td>208V:24V</td>
<td>100</td>
<td>0.5</td>
</tr>
<tr>
<td>CR460XTN</td>
<td>220-240V/440-480V:24V</td>
<td>100</td>
<td>0.25</td>
</tr>
<tr>
<td>CR460XTP</td>
<td>277V:24V</td>
<td>100</td>
<td>0.25</td>
</tr>
<tr>
<td>CR460XTS</td>
<td>600V:24V</td>
<td>100</td>
<td>0.25</td>
</tr>
<tr>
<td>CR460XTT</td>
<td>120V:24V</td>
<td>100</td>
<td>0.5</td>
</tr>
</tbody>
</table>

Table A
Note:
These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the Purchase's purpose, the matter should be referred to the nearest ABB sales office.

Installation (All Kits)
The control power transformer comes complete with necessary hardware and ready for installation. The following steps are used for installing a control transformer in the enclosures CR460XE1D, CR460XE2D, and CR460XE4D only:
1. Remove power from device.
2. Verify that the transformer secondary voltage matches the lighting contactor coil voltage, and that the line voltage matches the transformer primary voltage.
3. Mount the CPT into the enclosure. Refer to the enclosure instruction for mounting.
4. Mount the fuse block to the enclosure. Refer to the enclosure instructions for mounting.
5. Connect the transformer to the lighting contactor using the diagram on the back of this instruction sheet.
These instructions do not cover all details or variations in equipment nor do they provide for every possible contingency that may be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise that are not covered sufficiently for the purchaser’s purposes, the matter should be referred to the ABB Company.

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