1. Selections are based on the typical dimensions of 100% insulated cables, manufactured in accordance with AEIC standard. Nominal insulation thickness (100%): 15kV: 175mils, 25kV: 260mils, 35kV: 345mils.

2. Select the appropriate catalog number. Use the insulation OD, and jacket OD range as the final ordering criteria.

3. For mechanical ShearBolt connector included in the kit confirm the correct connector selection according to the Min/Max diameter over the cable conductor from the tables.

4. If external grounding is required, order the CSJ-EG kit.

5. For other applications or if you have any questions, contact your Tyco Electronics representative.


7. Related test reports: EDR-5430, EDR-5455, EDR-5513

8. For AL Mechanical ShearBolt connector information request datasheet 9-1773440-4 and for CU request 165972.

### Selection Information: Dimensions in Inches (millimeters)

<table>
<thead>
<tr>
<th>Voltage Class</th>
<th>Catalog Number</th>
<th>Nominal Cable Range</th>
<th>Min/Max Insulation OD</th>
<th>Max Jacket OD</th>
<th>Neutral Sock (AWG)</th>
<th>Min/Max Diameter Over Cable Conductor*</th>
<th>Kit Installed Length</th>
<th>Required Installation Space</th>
</tr>
</thead>
<tbody>
<tr>
<td>15kV</td>
<td>CSJA-1521M1</td>
<td>2/0 - 350</td>
<td>0.69 - 1.20 (17.5 - 30.5)</td>
<td>1.50 (38.1)</td>
<td>0/0</td>
<td>0.376 - 0.736 (9.50 - 18.7)</td>
<td>29 (737)</td>
<td>39 (990)</td>
</tr>
<tr>
<td>15kV</td>
<td>CSJA-1522M1</td>
<td>4/0 - 500</td>
<td>0.87 - 1.40 (22.1 - 35.6)</td>
<td>1.80 (46.0)</td>
<td>0/0</td>
<td>0.376 - 0.736 (9.50 - 18.7)</td>
<td>29 (737)</td>
<td>39 (990)</td>
</tr>
<tr>
<td>15kV</td>
<td>CSJA-1523M1</td>
<td>350 - 750</td>
<td>0.87 - 1.40 (22.1 - 35.6)</td>
<td>1.80 (46.0)</td>
<td>0/0</td>
<td>0.570 - 0.945 (14.5 - 24.0)</td>
<td>29 (737)</td>
<td>39 (990)</td>
</tr>
<tr>
<td>28kV</td>
<td>CSJA-2821M1</td>
<td>2/0 - 500</td>
<td>0.87 - 1.40 (22.1 - 35.6)</td>
<td>1.80 (46.0)</td>
<td>0/0</td>
<td>0.376 - 0.736 (9.50 - 18.7)</td>
<td>29 (737)</td>
<td>39 (990)</td>
</tr>
<tr>
<td>28kV</td>
<td>CSJA-2822M1</td>
<td>350 - 750</td>
<td>1.03 - 1.58 (26.2 - 40.0)</td>
<td>2.05 (52.1)</td>
<td>2/0</td>
<td>0.570 - 0.945 (14.5 - 24.0)</td>
<td>33 (838)</td>
<td>43 (1090)</td>
</tr>
<tr>
<td>28kV</td>
<td>CSJA-2823M1</td>
<td>500 - 750</td>
<td>1.28 - 2.05 (32.50 - 52.0)</td>
<td>2.60 (66.0)</td>
<td>2/0</td>
<td>0.570 - 0.945 (14.5 - 24.0)</td>
<td>37 (939)</td>
<td>49 (1244)</td>
</tr>
<tr>
<td>35kV</td>
<td>CSJA-3522M1</td>
<td>2/0 - 500</td>
<td>1.03 - 1.58 (26.2 - 40.0)</td>
<td>2.05 (52.1)</td>
<td>2/0</td>
<td>0.376 - 0.736 (9.50 - 18.7)</td>
<td>33 (838)</td>
<td>43 (1090)</td>
</tr>
<tr>
<td>35kV</td>
<td>CSJA-3523M1</td>
<td>350 - 750</td>
<td>1.36 - 2.05 (34.54 - 52.0)</td>
<td>2.60 (66.0)</td>
<td>2/0</td>
<td>0.570 - 0.945 (14.5 - 24.0)</td>
<td>37 (939)</td>
<td>49 (1244)</td>
</tr>
</tbody>
</table>

* Min/max diameter over cable conductor accepted by the copper mechanical connector.

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**Catalog Number**

<table>
<thead>
<tr>
<th>Length of Moisture Blocked Braid Braid (AWG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSJ-EG-1 24 (610)</td>
</tr>
<tr>
<td>CSJ-EG-2 24 (610)</td>
</tr>
<tr>
<td>CSJ-EG-3 24 (610)</td>
</tr>
</tbody>
</table>

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