Make the connection: flexibility, reliability, safety and value

Choose the right solutions, right now to improve system safety and reliability—high-current connector systems to fit your application needs.

Eaton’s Cooper Power™ series high-current connector systems suit your specific needs, right now—from basic connections to full-featured, stick-operative systems for 15 kV, 25 kV and 35 kV voltage classes.

The BOL-T™ connector system

For transformer, switchgear and separable splice connections, the BOL-T provides a simple, yet essential deadfront underground connection.

The BOL-T connector system, available in 15/25 kV and 35 kV voltage classes, is the right solution for applications in which the cable is rarely disconnected and direct access to the conductor is not needed.

Features

- 600 A continuous current rating with aluminum current-carrying parts
- 900 A rating using copper current-carrying parts and Copper-Top connectors
- Easily converted to the BT-TAP connector—simply remove the insulating plug and install a BLRTP without reterminating the cable
- Fully shielded and fully submersible connection

The BT-TAP™ connector system

Whether you are retrofitting existing bolted connection systems or installing a new system, the BT-TAP provides a flexible and cost-saving solution when a 200 A interface is required. The BT-TAP connector system is the right choice when you rarely need to disconnect your cable, but are in need of a 200 A interface without using stick operability.

Features

- Can be used for testing, grounding, and installation of an elbow arrester or to feed additional system loads
- Eaton exclusive: An extended length stud, designed to minimize cross threading during installation, is also available.
- Easily retrofits existing 600 A and 900 A BOL-T installations where a 200 A interface is now needed
- Available in 15 kV, 25 kV and 35 kV voltage classes, 600 A and 900 A available
- Fully shielded and fully submersible connection
The T-OP™ II connector system

When your applications require a 200 A interface, frequent connect/disconnect operations, or visible break/visible ground on switchgear, the T-OP II connector system provides an easier method for visible break achievable by one operator. This system gives operators of 600 A and 900 A deadfront equipment the ability to obtain visible break via the connector system while providing a 200 A bushing interface for overvoltage protection, testing or grounding.

Features

• All copper alloy current carrying parts
• 900 A current rating
• Stick operability with Eaton’s exclusive mechanical assist during connection and disconnection
• 200 A loadbreak interface
• Available in 15 kV, 25 kV and 35 kV voltage classes, 900 A ratings are standard
• Fully shielded and fully submersible connection

We make it easy to choose the right solution, right now.

Choose the connector systems with the features you need for your application.

### 600 A and 900 A connector systems

<table>
<thead>
<tr>
<th>Features</th>
<th>BOT-T</th>
<th>BT-TAP</th>
<th>T-OP II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous current rating</td>
<td>600 A aluminum</td>
<td>600 A aluminum</td>
<td>900 A copper</td>
</tr>
<tr>
<td>200 A interface</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Stick operable</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Mechanical operating assist</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Direct access to conductor</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Accepts grounding elbows</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>All-copper current path</td>
<td>If specified</td>
<td>If specified</td>
<td>Yes</td>
</tr>
<tr>
<td>Special tools required</td>
<td>None</td>
<td>5/16” hex wrench</td>
<td>5/16” hex tee wrench</td>
</tr>
</tbody>
</table>

Get complete solutions with our complete product line

Eaton, an international leader in supplying electrical components, utilizes the industry’s most innovative technology. Our complete array of Eaton’s Cooper Power series line installation and protective equipment products are recognized as among the best in the industry and provide you with the right solutions, right when you need them.

For Eaton’s Cooper Power series product information, visit www.eaton.com/cooperpowerseries