Fused cutouts
Complete portfolio of overhead distribution cutouts

With more than 50 years of proven capability, ABB’s fused cutouts provide increased reliability and safety through advanced design and materials, as well as a moisture-proof tube. ABB proudly offers the longest warranty in the industry on the safest cutouts in the market: 10 years on silicone and polymer concrete cutouts.

Key product features
• Porcelain, polymer concrete, or silicone insulators available
• Seacoast design
• Cutout/arrester combo
• Wildlife protection
• Kick-out spring available for 100 A and 200 A tubes
• 10 year warranty on silicone and polymer concrete cutouts; 5 year warranty on porcelain cutouts
• RUS certified

Increased reliability
• ABB’s unparalleled creep distance decreases flashover, especially in coastal environments
• Moisture-proof tube eliminates fuse tube swelling, to ensure the cutout performs as it should, when it should

Decreased replacement costs
• Durable double-bolt design minimizes misalignment and provides ease of operation
• Advanced silicone insulator material with hydrophobic properties is tested to withstand the harshest of environments and wick water away to reduce potential tracking and flashover

Decreased maintenance costs and downtime
• Kickout spring guarantees a cutout will open every time, reducing downtime and wasted labor from searching for an open cutout with a fuse that did not operate correctly
• Grooved, silver-plated contacts provide superior alignment and increase durability
• Assembly in the USA (Pinetops, NC) aids in rapid support for emergency response
Key features

01 Kickout spring
02 Double bolt design, hydrophobic silicone insulation

Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>ICX</th>
<th>NCX</th>
<th>LBU-II</th>
<th>EU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated max voltage (kV)</td>
<td>15/27/38</td>
<td>15/27/38</td>
<td>15/27/38</td>
<td>2.6/5.2/7.8</td>
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<tr>
<td>Rated continuous current (A)</td>
<td>100/200/300</td>
<td>100/200/300</td>
<td>100/200/300</td>
<td>100/200</td>
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<tr>
<td>Interrupting current (kA)</td>
<td>Up to 16</td>
<td>Up to 20</td>
<td>Up to 20</td>
<td>14/8</td>
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<tr>
<td>Rated lightning impulse withstand (BIL) (kV)</td>
<td>110/125/150/170/180</td>
<td>110/125/150/200</td>
<td>110/125/150/200</td>
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<tr>
<td>15 kV creep distance</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Silicone (in./mm)</td>
<td>14.96/380</td>
<td>14.96/380</td>
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<td>Porcelain (in./mm)</td>
<td>9.1/231</td>
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<tr>
<td>15 kV weight</td>
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<tr>
<td>Silicone (lbs./kg)</td>
<td>9.3/4.2</td>
<td>8.8/4</td>
<td>10.14/4.6</td>
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<td>Porcelain (lbs./kg)</td>
<td>14.0/6.4</td>
<td>11.70/5.31</td>
<td>13.04/5.91</td>
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</tbody>
</table>

ABB offers a complete apparatus portfolio:

- Three-phase GridShield® recloser
- By-pass switch (RBD)
- Disconnect switch (DCD)
- Instrument transformers (VOG-15R)