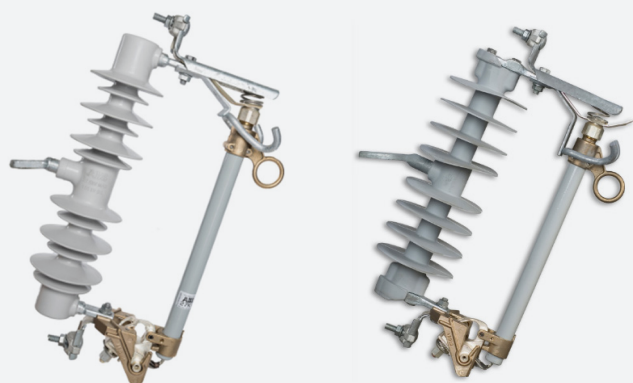


ICX interchangeable fused cutouts

Benefits of transitioning from X-Series to A-Series cutouts



ABB’s A-series ICX cutouts are an interchangeable fused cutout that replaces select ratings of the legacy X-series. The new A-series has many improvements, including increased insulator creepage, easier hookstick operation and more — offering significant benefits to IOUs and other electric utilities.

- 01 Overmolded top of A-series ICX
- 02 Bolted top of legacy X-series ICX
- 03 New keyhole hookstick design on A-series ICX

In 2020, ABB released the first of a new line of interchangeable cutouts. Changes and improvements resulted in the following benefits:

- New silicone insulator design and testing per the latest IEEE standards — new testing is specific to silicone insulators, such as the tracking wheel test, UV exposure test and water penetration test
- Insulator brackets secured internally and overmolded instead of bolted externally, maintaining the fixed position of the two bolt design to prevent rotation while reducing metallic exposure to the environment.
- Updated insulator design with additional creep to prevent flashovers and increase BIL
- Available in multiple options for corrosion protection:
 - Standard: Normal conditions, improved plating in key areas compared to legacy X-series ICX
 - Coastal: Seacoast design using stainless steel and non-corrosive materials
- Improved fuse tube strength and longevity
- Improved hinge with keyhole design for easier hookstick fuse installation and control when using a hookstick to install fuse tubes from a distance
- Compact box design for efficiency and optimization of storage and transportation



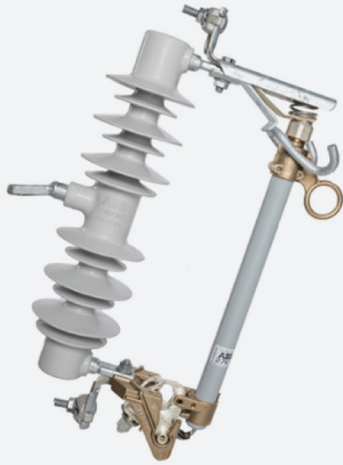
01



02



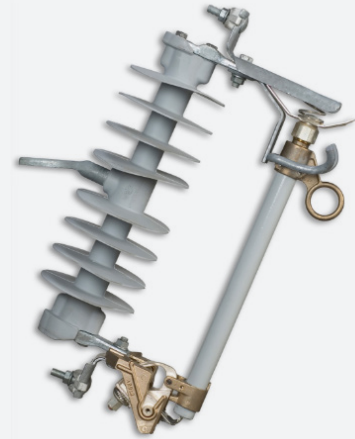
03



New ICX (styles starting with “A”):

All legacy X-series style numbers have an equivalent new A-series style number for the applicable ratings

- 15 and 27 kV
- 110 and 150 kV BIL
- 100 A and 300 A silicone
- Styles beginning with “A”
- Dimensionally identical to styles being replaced with the exception of increased creepage
- Continues to be interchangeable
- Phased release starting in January 2020 with hundreds of thousands in service across the world



Silicone ICX (styles beginning with “X”):

- 15 and 27 kV
- 110 and 150 kV BIL
- 100 A and 300 A silicone
- Styles beginning with “X”