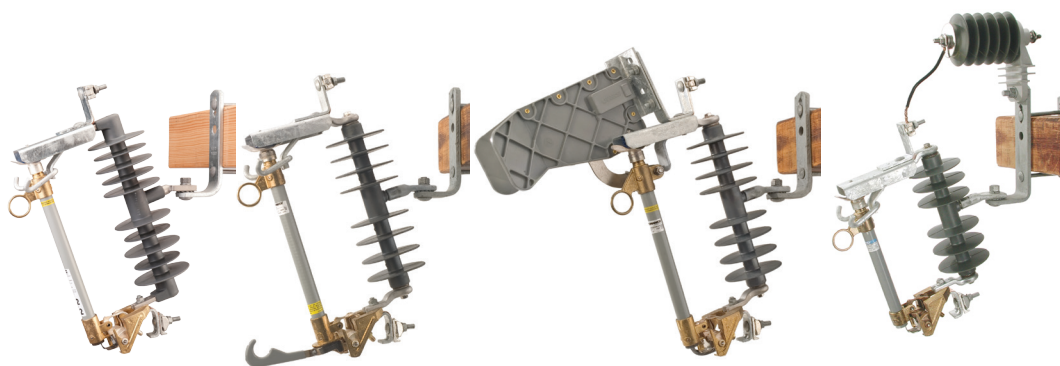




# Type C-POLYMER Cutouts (Standard, Linkbreak, Loadbreak) and Cutout-Arrester Combinations

**Catalog 10AA August 2015**

# HUBBELL Type C-Polymer Cutouts

## Application

The primary purpose of any cutout is to provide protection to the lines of your system and the various apparatus on those lines such as transformers and capacitor banks. Hubbell Type C-Polymer cutouts provide reliable protection from low-level overloads that just melt the fuse link, intermediate faults, and very high faults, through maximum interrupt rating.

In addition, Type C-Polymer cutouts can also be used as a sectionalizing device. With the use of a portable loadbreak tool, Type C-Polymer cutouts can function much like an overhead disconnect switch. A 300 amp disconnect blade is also available for this purpose.

## Quality

### Construction

#### Efficient Current Transfer

The Type C-Polymer cutout has an all copper current path. All contacts are silver-plated. Terminals are tin-plated bronze for use with copper or aluminum conductors.

#### Loadbreak Hooks

Galvanized steel hooks are standard on all Type C cutouts, except the arc chute version, for use with a portable loadbreak tool. These sturdy hooks are mounted on the top support and serve to guide the fuseholder into the latch socket.

#### Top Contact

The top contact is attached to the galvanized-steel hood by a stainless rivet to provide a smooth self-aligning action during closing even in severely corrosive environments. The top contact provides a socket-type cavity for latching the fuseholder and prevents any possible "over-travel" of the fuseholder. The top contact is made of a highly conductive copper strip with silver-plated embossments for efficient current transfer. The contacts are held under constant pressure designed to maintain firm contact with the fuseholder contact surface until fault interruption is accomplished.

#### Hinge

The hinge on the Type C-Polymer cutout employs large pivot areas for the fuseholder's trunnion and is cast of a copper alloy chosen for its strength and corrosion resistance. The hinge contacts are highly conductive copper alloy stampings and are plated to assure low resistance current transfer from the trunnion casting. The parallel current paths are backed up by high strength cantilever springs and are riveted to the hinge castings. Fuseholder can be dropped into place and easily lifted up and out. No tricky maneuvering is required.

#### Fuseholders

The solid cap on the single vent fuseholder is silver-plated copper alloy, to provide efficient current transfer. An integral ring is provided in the top tube casting for opening and closing the fuseholder with an appropriate disconnect tool from the ground, from a bucket truck or from the pole.

The **toggle type trunnion** is a selective **silver-plated**

### Polymer Insulators

Type C Polymer Cutout Insulators are manufactured with Enhanced Silicone Polymer (ESP), the same material used in Ohio Brass PDV arresters and Hi\*Lite Insulators. ESP is a polymer compound made by combining Silicone and EPDM Rubber. This special formulation offers the desirable toughness and resistance to tracking of our original EPR with the hydrophobic characteristics derived from low molecular weight silicone oils.

Hubbell Power Systems uses several tests to evaluate materials. Tracking, QUV, corona cutting, salt fog, oxidative stability and variations of differential thermal analysis tests confirm the quality of the material. For further information on our polymers, ask your Hubbell Power Systems representative for the publication "Polymer Materials for Insulator Weathersheds" EU1264-H.

#### Upgrades to Cutout Performance

The increased metal-to-metal leakage distance of Type C-Polymer Cutouts compares to their porcelain counterparts at 12.6" (319 mm) vs 8.7" (220 mm) for 15kV, 17.1" (420 mm) vs 12.6" (319 mm) for 27kV - 125kV BIL, and 23.6" (600 mm) vs 17.3" (440 mm) for 27kV - 150kV BIL.

Significantly lighter, Type C-Polymer Cutouts typically weigh only approximately half their porcelain counterparts. This ergonomic advantage makes them simple to install and, of course, far less fragile than porcelain. That means reduced or eliminated losses from routine shipping, storage and handling.

**bronze casting** for efficient current transfer to the lower hinge contacts. A cam shaped projection on each side of the trunnion casting provides high pressure parallel current paths to the lower contacts. These projections, or pivot pins, are cast full round for smooth rotational operation in the hinge. The link ejector assists in arc interruption during low fault current or excessive overload conditions. A groove in the center of the link ejector allows the fuse link's pigtail to go directly from the fuse tube to the attachment nut. A curved ejector minimizes bending stresses in the pigtail to prevent broken strands. A stainless steel torsion spring on the link ejector helps to rapidly eject the link from the bore of the fuseholder during interruption. The 200 amp link ejector has a wider groove area and increased spring force to accommodate the larger links.

The **link ejector** is pinned to the trunnion casting with a stainless steel pin to provide resistance to corrosive elements and provide smooth pivotal action. An interlocking feature between the link ejector and tube casting prevents excessive tension on the fuse link during closure, thereby preventing link breakage.

The **link ejector** employs a hammer effect to enhance toggle action of the trunnion during low

fault and overload interruptions, hence dropout action is enhanced. The link ejector provides sufficient surface area to facilitate re-fusing by linemen wearing gloves.

#### Ratings/Specifications

STANDARD Type C-Polymer cutouts are maximum design voltage rated to eliminate application and selection confusion. There are **no restrictions** on application to grounded wye, ungrounded wye, or delta systems having maximum operating voltages (line-to-line) equal to or less than the cutout maximum design voltage rating. (See the LINKBREAK and LOADBREAK cutouts for their specifications.) Interruption tests have been performed at full system line-to-line voltage. 100-amp and 200-amp fuse tubes and 300-amp disconnect blades are available for each voltage class. They all fit into a common mounting assembly rated at 300 amps continuous.

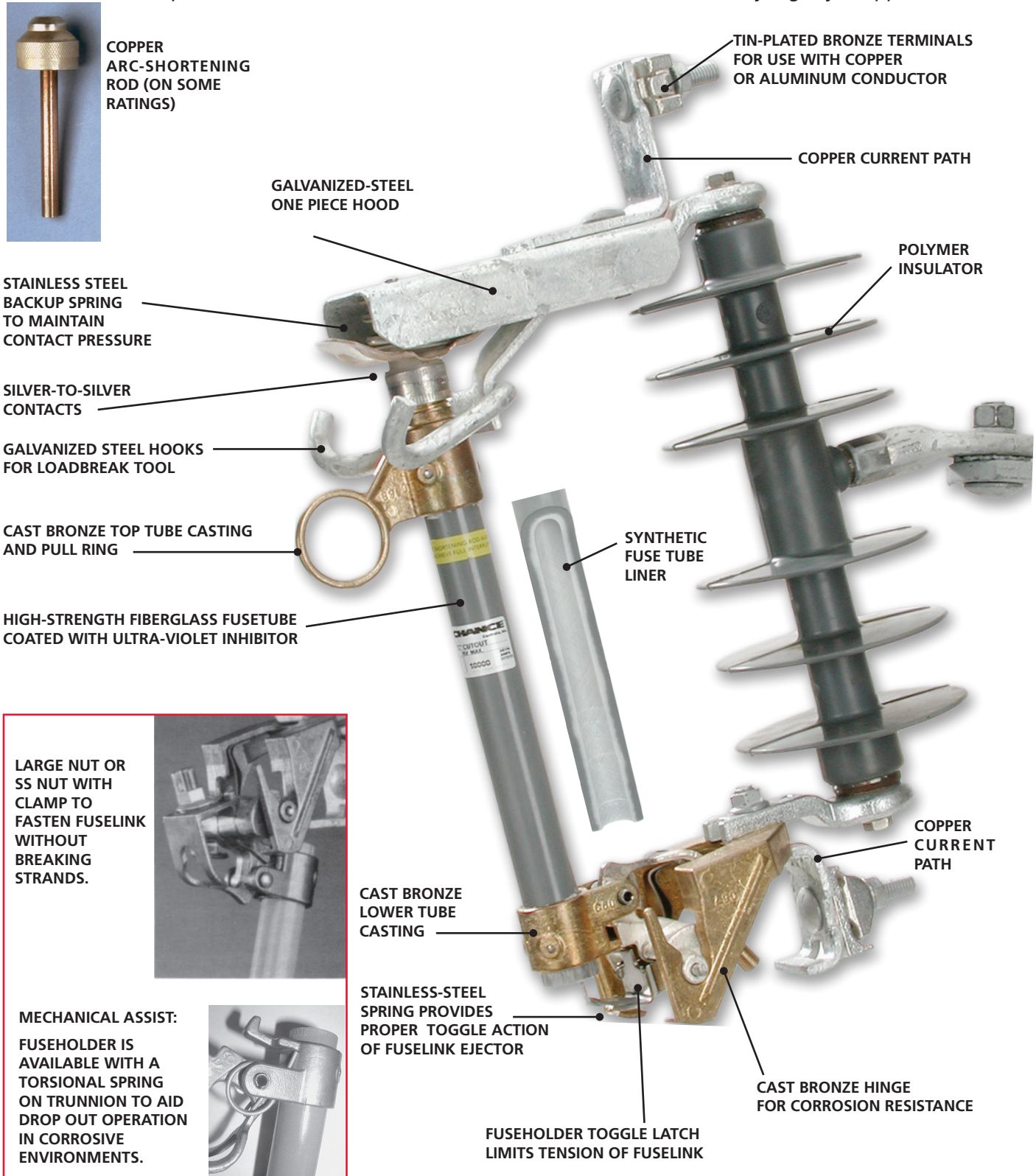


# HUBBELL Type C-Polymer Cutouts

## Compare Hubbell quality and technical expertise

All Type C Cutouts meet or exceed ANSI/NEMA specifications.

15 kV product shown. 27kV-125kV BIL and 27kV-150kV BIL cutouts vary slightly in appearance.



## Interchangeability

Chance was the first to design a cutout that could interchange fuseholders and mounting assemblies with those of another manufacture. Standard Type C fuseholders and mounting assemblies are mutually interchangeable with S&C Type XS and ABB Type ICX cutouts. (within the same voltage class).

The Type C-Polymer Standard cutout is mutually interchangeable with Chance Type C Porcelain Standard cutout.

## Synthetic Arc-Quenching Fusetube

The 1/2-inch inside diameter of the Type C-Polymer cutout's 100 ampere fusetube increases internal pressure giving superior and reliable expulsion action. During frequently encountered intermediate fault ranges this diameter also permits higher TRV (transient recovery voltage) values to be tolerated. This small bore design eliminates any concern related to high impedance phase-to-phase faults on ungrounded wye and delta systems.

The inside liner is a synthetic arc-quenching formulation in part consisting of polyester fiber, epoxy and Aluminum Tri Hydrate. The liner is chemically bonded to the tube's glass-reinforced shell. This combination provides a moisture source to extinguish the arc during interrupt operations without absorption of atmospheric moisture leading to potential swelling and delamination, and provides a high bursting strength. It is protected from the weather and environment by a special ultra-violet resistant coating. For more information on the synthetic arc-quenching material, refer to Bulletin 10-0201.

The Hubbell fuse tube operates with fuselinks from all major suppliers. 100 amp or smaller fuselinks shall not be used in 200-amp fuseholders.

## Brackets

Type C-Polymer cutouts come packed one per carton including a NEMA Heavy Duty "B" bracket with captive 1 1/2" bolt for crossarm mounting.

Type X brackets, also for crossarm mounting, provides 2 5/8" additional clearance between the crossarm and the cutout.

"D" brackets are used to mount cutouts and/or arresters directly to the pole. Three brackets may be used for three-phase application. Type D brackets provide a clean, quick mounting without crossarm or special pole bands.

All the above brackets are galvanized steel for long lasting service. Cutouts can be ordered without any brackets.

## Higher Interrupt Capacities

By using a copper arc shortening rod inside the top of the fusetube, higher interrupt ratings are obtainable. An arc shortening rod is attached to the cap of some fusetubes and lowers the fuse link within the fusetube. This permits a much shorter arc, resulting in less arc energy, and higher interrupting capacities. For 200 A tubes, it allows for full voltage ratings.

It is necessary to use fuse links with removable buttonheads when arc shortening rods are employed.

## Terminals

Tin-plated bronze parallel groove type terminals are standard on Type C cutouts. They can accommodate aluminum or copper conductor sizes ranging from No. 6 (13.3 mm<sup>2</sup>) solid copper through 4/0 (160.6 mm<sup>2</sup>) ACSR or 250 (167.5 mm<sup>2</sup>) kcmil stranded copper. The parallel groove design is perfect for handling two different sizes of conductor as is the case when arresters are being used. Eyebolts are also available. See ordering data, page 10AA-11.

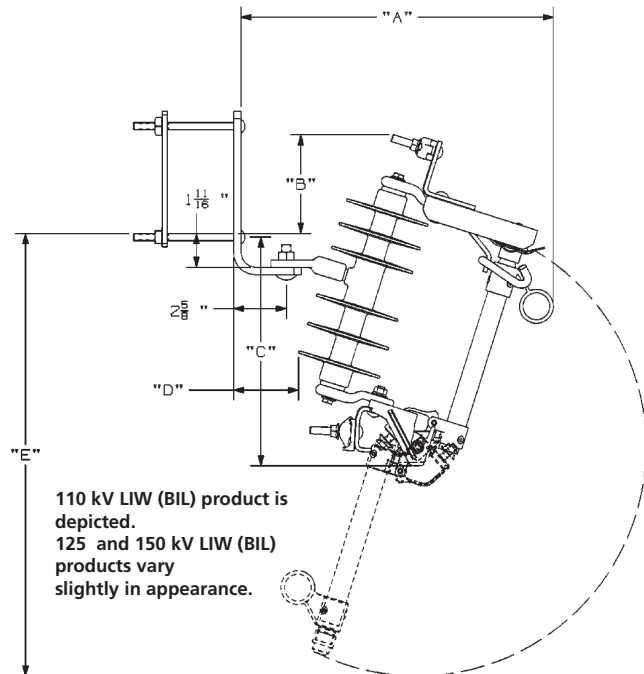
## Extra Corrosion Protection

Type C cutouts are available with components of stainless steel brackets, hood and hardware, and copper alloy loadbreak hooks to offer greater corrosion resistance for environmental areas where corrosion can become a major factor. To order a stainless steel/copper alloy cutout add the suffix "S" to the end of the catalog number with the rating specifications desired. In addition, an optional spring assist may be provided to further enhance the toggle and drop out action in highly corrosive applications.

## Type C-Polymer STANDARD Cutout



100 Amp –  
Single Vent  
15 kV/110 kV LIW (BIL)



STANDARD Type C-Polymer Cutout  
with NEMA Type B Bracket

| kV<br>LIW (BIL) | A                                 | B                               | C                                 | D                               | E                                 |
|-----------------|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|-----------------------------------|
| 110             | 15 <sup>5</sup> / <sub>8</sub> "  | 4 <sup>7</sup> / <sub>8</sub> " | 11 <sup>5</sup> / <sub>8</sub> "  | 3 <sup>3</sup> / <sub>4</sub> " | 22 <sup>1</sup> / <sub>16</sub> " |
|                 | 395 mm                            | 125 mm                          | 295 mm                            | 82 mm                           | 561 mm                            |
| 125             | 16 <sup>1</sup> / <sub>16</sub> " | 6 <sup>5</sup> / <sub>8</sub> " | 13 <sup>1</sup> / <sub>16</sub> " | 2 <sup>7</sup> / <sub>8</sub> " | 27"                               |
|                 | 408 mm                            | 167 mm                          | 332 mm                            | 72 mm                           | 686 mm                            |
| 150             | 16 <sup>1</sup> / <sub>16</sub> " | 6 <sup>5</sup> / <sub>8</sub> " | 13 <sup>1</sup> / <sub>16</sub> " | 2 <sup>7</sup> / <sub>8</sub> " | 27"                               |
|                 | 408 mm                            | 167 mm                          | 332 mm                            | 72 mm                           | 686 mm                            |



## Type C-Polymer STANDARD Cutouts

### Specifications and Ordering Information

All Type C Cutouts meet or exceed ANSI/NEMA specifications.

See page 10AA-14 for Arrester Cutout Combinations  
 See page 10AA-15 for Accessories.  
 See page 10AA-16 for Complete Catalog Numbering

#### 15kV - 110kV LIW (BIL) RUS LISTED

| *Base Catalog No. | *Option suffixes below | Maximum Design Voltage | Nominal System Voltage | Continuous Current (Amps) | Interrupt Capacity (Asym Amps) | Leakage to Ground Metal to Metal (minimum) |        | *Weight (lb./kg.) | Replacement Fusetube Cap/ Cap Assembly | Arc Shortening Rod |
|-------------------|------------------------|------------------------|------------------------|---------------------------|--------------------------------|--------------------------------------------|--------|-------------------|----------------------------------------|--------------------|
| CP710112          | 1 2 3                  | 15 kV                  | Thru 14.4 kV           | 100                       | 10,000                         | 12.6"                                      | 319 mm | 9.6/4.4           | P7001535P                              | No                 |
| CP710114          | 1 2 3                  | 15 kV                  | Thru 14.4 kV           | 100                       | 16,000                         | 12.6"                                      | 319 mm | 9.8/4.5           | E7001767P                              | Yes <sup>†</sup>   |
| CP710143          | 1 2 3                  | 15 kV                  | Thru 14.4 kV           | 200                       | 12,000                         | 12.6"                                      | 319 mm | 10.4/4.7          | E7002146P                              | Yes <sup>†</sup>   |
| CP710133          | 1 2 3                  | 15 kV                  | Thru 14.4 kV           | 300                       | 12,000**                       | 12.6"                                      | 319 mm | 9.9/4.5           | P7001535P                              | N/A                |

#### 27kV - 125kV LIW (BIL)

|          |       |       |              |     |          |       |        |          |            |                  |
|----------|-------|-------|--------------|-----|----------|-------|--------|----------|------------|------------------|
| CP710211 | 1 2 3 | 27 kV | Thru 24.9 kV | 100 | 8,000    | 17.1" | 420 mm | 11.0/5.0 | P7001535P  | No               |
| CP710213 | 1 2 3 | 27 kV | Thru 24.9 kV | 100 | 12,000   | 17.1" | 420 mm | 11.0/5.0 | E7001768P  | Yes <sup>†</sup> |
| CP710242 | 1 2 3 | 27 kV | Thru 24.9 kV | 200 | 10,000   | 17.1" | 420 mm | 11.6/5.3 | E7002479P  | Yes <sup>†</sup> |
| CP710243 | 1 2 3 | 27 kV | Thru 24.9 kV | 200 | 12,000   | 17.1" | 420 mm | 11.6/5.3 | PSE7002706 | Yes <sup>†</sup> |
| CP710233 | 1 2 3 | 27 kV | Thru 24.9 kV | 300 | 12,000** | 17.1" | 420 mm | 11.2/5.1 | P7001535P  | N/A              |

#### 27kV - 150kV LIW (BIL)

|          |       |       |                                                             |     |          |       |        |          |            |                  |
|----------|-------|-------|-------------------------------------------------------------|-----|----------|-------|--------|----------|------------|------------------|
| CP710311 | 1 2 3 | 27 kV | No Restrictions thru 24.9 kV; <sup>†</sup> 26.4 thru 34.5kV | 100 | 8,000    | 23.6" | 600 mm | 10.7/4.8 | P7001535P  | No               |
| CP710313 | 1 2 3 | 27 kV |                                                             | 100 | 12,000   | 23.6" | 600 mm | 10.7/4.8 | E7001768P  | Yes <sup>†</sup> |
| CP710342 | 1 2 3 | 27 kV |                                                             | 200 | 10,000   | 23.6" | 600 mm | 11.3/5.1 | E7002479P  | Yes <sup>†</sup> |
| CP710343 | 1 2 3 | 27 kV |                                                             | 200 | 12,000   | 23.6" | 600 mm | 11.3/5.1 | PSE7002706 | Yes <sup>†</sup> |
| CP710333 | 1 2 3 | 27 kV |                                                             | 300 | 12,000** | 23.6" | 600 mm | 10.9/4.9 | P7001535P  | N/A              |

\*Adjust total weight when selecting Options    \*\*Momentary rating - Solid blade.    \*Must use removable buttonhead fuse links.

<sup>†</sup>For application on single-phase to neutral or three-phase solidly grounded wye-connected circuits where recovery voltage does not exceed the maximum design voltage of the device.

#### \*Option Suffix 1 Terminal Variations

| Suffix 1 | Description                | *Weight (lb./kg.) |
|----------|----------------------------|-------------------|
| P        | Parallel-groove clamps     | 0.33/0.15         |
| E        | Small eyebolts             | 0.16/0.07         |
| L        | Large eyebolts             | 0.31/0.14         |
| R        | Lower PG Clamp Rotated 90° | 0.33/.015         |

Must specify one selection for Option 1.

#### \*Option Suffix 2 Bracket Variations

| Suffix 2 | Description                                                                               | *Weight (lb./kg.) |
|----------|-------------------------------------------------------------------------------------------|-------------------|
| B        | NEMA Heavy Duty "B" bracket for crossarm (1½" bolt)                                       | 2.84/1.29         |
| X        | Extended type bracket for crossarm (Horizontal section is 2½" longer than Type B bracket) | 3.75/1.70         |
| D        | D-shape bracket (pole)                                                                    | 7.67/3.48         |
| Z        | No bracket (must be used with M in Option 3)                                              | —                 |
| Blank    | No bracket (cannot use with M in Option 3)                                                | —                 |
| V        | Easy-On Bracket for crossarm (Height: 4½" to 5½" Width: 2¾" to 4")                        | 2.9/1.32          |

#### \*Option Suffix 3 Mechanical Assist Fuseholder

| Suffix 3 | Description                                                                  |
|----------|------------------------------------------------------------------------------|
| Blank    | No option (may <u>not</u> be used with Z in Option 2)                        |
| M        | Mechanical Assist Fuseholder (may <u>not</u> be used with Blank in Option 2) |
| F        | Fargo cutout cover (may <u>not</u> be used with Blank in Option 2)           |
| S        | Anti-corrosion stainless steel/copper alloy cutout                           |

## STANDARD Fuseholders and Mounting Assemblies

### 15kV - 110kV LIW (BIL)

| Cutout Base Catalog Number | Fuseholder/ Blade Catalog Number | Fuseholder/ Blade Weight | Mounting Assembly *Base Catalog Number | *Mounting Assembly Weight |
|----------------------------|----------------------------------|--------------------------|----------------------------------------|---------------------------|
| CP710112                   | T710112T                         | 1.8 lb./0.76 kg.         | TP7101MM                               | 8.0 lb./3.6 kg.           |
| CP710114                   | T710114T                         | 2.0 lb./0.79 kg.         |                                        |                           |
| CP710143                   | T710143T                         | 2.6 lb./1.18 kg.         |                                        |                           |
| CP710133                   | T710133T                         | 2.1 lb./0.95 kg.         |                                        |                           |

\*Mounting assembly Catalog Number must include suffix for terminal variation. Adjust total weight when selecting Option suffixes above.

### 27kV - 125kV LIW (BIL)

|          |          |                  |          |                  |
|----------|----------|------------------|----------|------------------|
| CP710211 | T710211T | 1.9 lb./0.86 kg. | TP7102MM | 9.16 lb./4.1 kg. |
| CP710213 | T710213T | 2.0 lb./0.91 kg. |          |                  |
| CP710242 | T710242T | 2.5 lb./1.13 kg. |          |                  |
| CP710243 | T710243T | 2.5 lb./1.13 kg. |          |                  |
| CP710233 | T710233T | 2.1 lb./0.97 kg. |          |                  |

\*Mounting assembly Catalog Number must include suffix for terminal variation. Adjust total weight when selecting Option suffixes above.

### 27kV - 150kV LIW (BIL)

|          |          |                  |          |                   |
|----------|----------|------------------|----------|-------------------|
| CP710311 | T710311T | 1.9 lb./0.86 kg. | TP7103MM | 9.51 lb./4.31 kg. |
| CP710313 | T710313T | 2.0 lb./0.91 kg. |          |                   |
| CP710242 | T710242T | 2.5 lb./1.13 kg. |          |                   |
| CP710343 | T710343T | 2.5 lb./1.13 kg. |          |                   |
| CP710333 | T710333T | 2.1 lb./0.97 kg. |          |                   |

\*Mounting assembly Catalog Number must include suffix for terminal variation. Adjust total weight when selecting Option suffixes above.

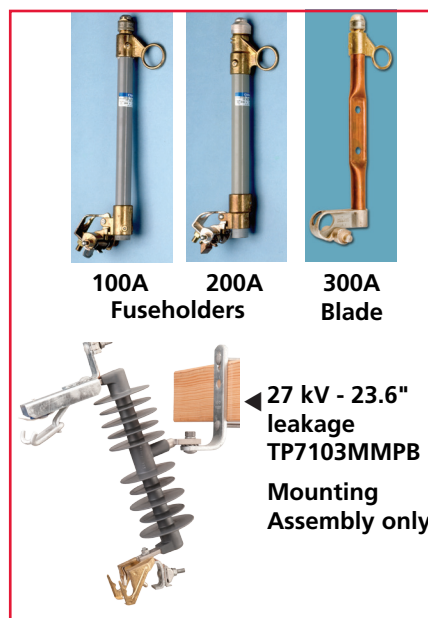
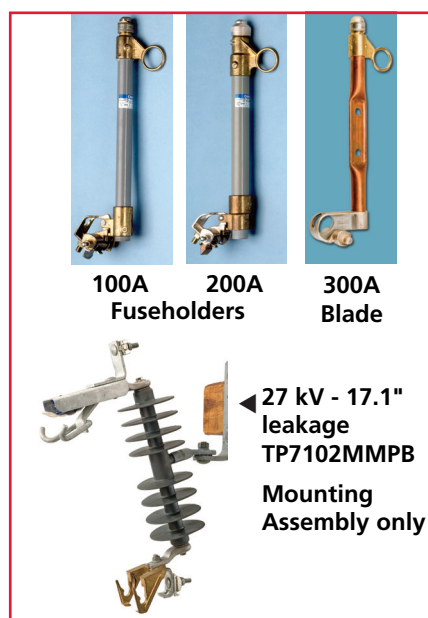
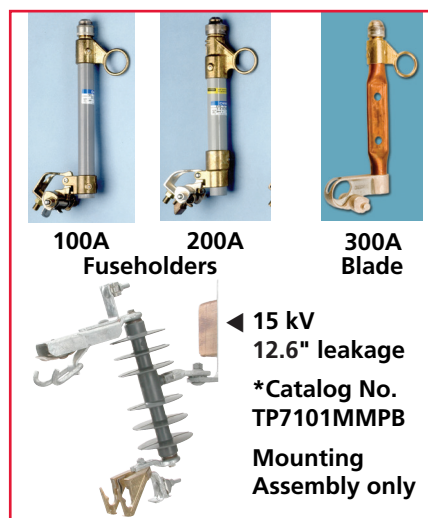
### Universal Cutout Tool

Ideal for Standard and Linkbreak 100 amp fuse holders (ABB, Chance S&C) to easily lift out, place, \*open and close. Inverted, secure method also fits Chance Electronic Sectionalizers.



Cat. No. **PSC4033484** (Wt. 4 oz.) See Tools Catalog Section 2100.

*\*When opening a cutout, follow all work rules and OSHA regulations. Not for use with Loadbreak cutouts.*



## Type C-Polymer LINKBREAK Cutouts

**15kV - 110kV LIW (BIL)**

**15/27kV - 125kV LIW (BIL)**

**22/36.4kV - 150kV LIW (BIL)**

### Application

The Type C-Polymer 100 amp Linkbreak cutout provides short circuit protection to utility lines with the added feature of mechanical linkbreak capability in a loadbreaking function. Linkbreak cutouts provide reliable protection from overloads that just melt the fuselink through the maximum interrupt capacity of the fuseholder and also provide inductive and capacitive loadbreak capability. For loadbreak ratings see chart, next page.

The unit will also accept the Type C-Polymer 200 amp non-loadbreak fuseholder or a 300 amp disconnect blade. Each Linkbreak cutout includes standard loadbreak hooks to use with portable loadbreak tools. This method is particularly useful for switching of the 200 amp fuseholder and 300 amp disconnect blade.

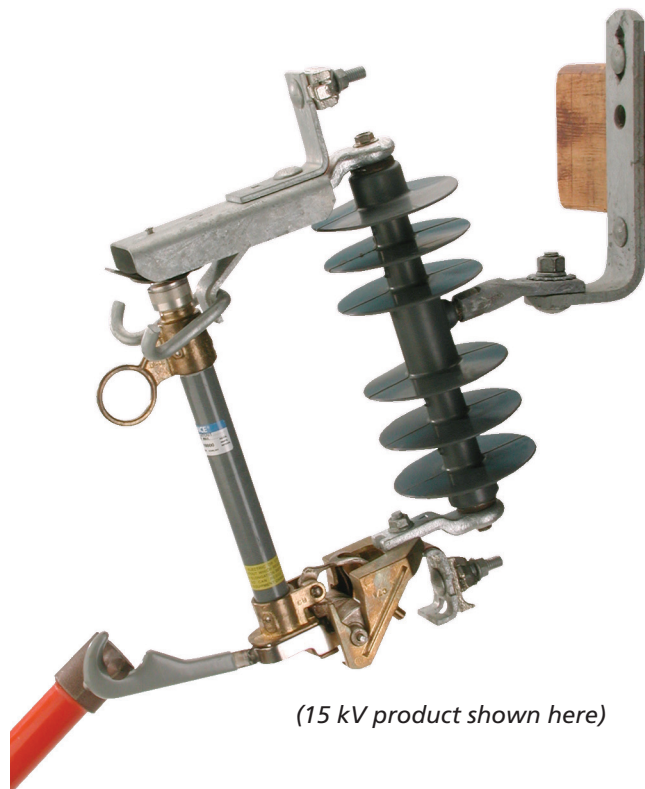
### Design / Product Features

Construction and product details shown on page 10AA-3 apply to the Linkbreak cutout except that the link-ejector on the linkbreak fuseholder is a copper-alloy casting instead of a stainless-steel stamping.

The unit utilizes a stainless-steel linkbreak lever to mechanically break fuselink elements thereby obtaining load interruption within the fuseholder.



*A sharp downward pull on the lever with a hookstick breaks the fuselink. (15/27 kV product shown here)*



*(15 kV product shown here)*

All standard non-loadbreak fuseholders and the linkbreak fuseholders are interchangeable and fit into both the non-loadbreak and Type C-Polymer or Porcelain Linkbreak cutout mounting assemblies. Mounting assemblies are the same as those for Type C-Polymer or Porcelain STANDARD cutouts, shown on page 10AA-5.

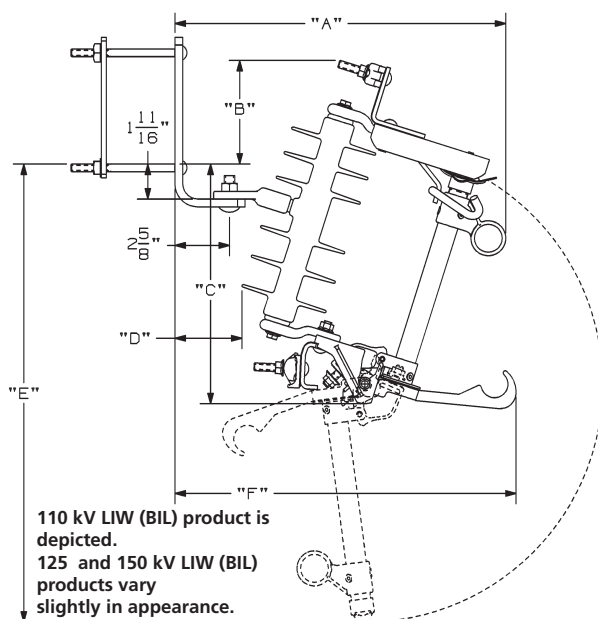
### Ratings / Specifications

The 15 kV Type C-Polymer Linkbreak cutout has a maximum design voltage rating of 15 kV. There are no voltage restrictions on application to grounded wye, ungrounded wye, or delta systems having maximum operating voltages (line to line) equal to or less than the cutout maximum design voltage rating.

15/27kV and 22/36.4kV Type C-Polymer Linkbreak cutouts have maximum design slant voltage ratings. These cutouts are to be used on systems which have phase-to-ground voltages no greater than the value listed to the left of the slant (/) and which have phase-to-phase voltages no greater than the value listed to the right of the slant.

The Type C-Polymer Linkbreak cutout is to be used with fuselinks requiring 1 inch or less elongation before breaking. Fuselinks requiring more than 1 inch elongation before breaking must not be used with the Type C-Polymer Linkbreak cutout.

# Type C-Polymer 100-Amp LINKBREAK Cutout



**LINKBREAK Cutout with NEMA Type B Bracket  
Dimensions**

| kV<br>LIW (BIL) | A                                  | B                                 | C                                | D                               | E                                | F                                 |
|-----------------|------------------------------------|-----------------------------------|----------------------------------|---------------------------------|----------------------------------|-----------------------------------|
| 110             | 15 <sup>15</sup> / <sub>16</sub> " | 4 <sup>15</sup> / <sub>16</sub> " | 11 <sup>5</sup> / <sub>8</sub> " | 3 <sup>1</sup> / <sub>4</sub> " | 22 <sup>1</sup> / <sub>8</sub> " | 16 <sup>7</sup> / <sub>16</sub> " |
|                 | 405 mm                             | 125 mm                            | 295 mm                           | 82 mm                           | 561 mm                           | 417 mm                            |
| 125             | 16 <sup>7</sup> / <sub>8</sub> "   | 6 <sup>9</sup> / <sub>16</sub> "  | 13 <sup>1</sup> / <sub>4</sub> " | 2 <sup>7</sup> / <sub>8</sub> " | 27 <sup>1</sup> / <sub>4</sub> " | 15 <sup>7</sup> / <sub>8</sub> "  |
|                 | 418 mm                             | 167 mm                            | 337 mm                           | 72 mm                           | 692 mm                           | 403 mm                            |
| 150             | 16 <sup>7</sup> / <sub>8</sub> "   | 6 <sup>9</sup> / <sub>16</sub> "  | 13 <sup>1</sup> / <sub>4</sub> " | 2 <sup>7</sup> / <sub>8</sub> " | 27 <sup>1</sup> / <sub>4</sub> " | 15 <sup>7</sup> / <sub>8</sub> "  |
|                 | 418 mm                             | 167 mm                            | 337 mm                           | 72 mm                           | 692 mm                           | 403 mm                            |

**Loadbreak Ratings**

| *Base Cutout<br>Catalog Number | kV,<br>Nominal<br>System Voltage | Inductive<br>Amperes | Capacitive<br>Amperes |
|--------------------------------|----------------------------------|----------------------|-----------------------|
| CP720112                       | 14.4                             | 100                  | 100                   |
| CP720114                       | 14.4                             | 100                  | 100                   |
| CP720211 <sup>†</sup>          | 24.9                             | 100                  | 100                   |
| CP720213 <sup>†</sup>          | 24.9                             | 100                  | 100                   |
| CP720311 <sup>†</sup>          | 34.5                             | 100                  | 50                    |
| CP720313 <sup>†</sup>          | 34.5                             | 100                  | 50                    |

See page 10AA-14 for Arrester Cutout Combinations  
See page 10AA-15 for Accessories.  
See page 10AA-16 for Complete Catalog Numbering

\*See specifications and ordering information below.

<sup>†</sup>Limited to grounded-wye systems with grounded-wye loads.

## Specifications and Ordering Information

All Type C Cutouts meet or exceed ANSI/NEMA specifications.

### 15kV - 110kV LIW (BIL) RUS LISTED

| *Base<br>Catalog No. | *Option<br>suffixes<br>below | Maximum<br>Design<br>Voltage | Nominal System<br>Voltage | Continuous<br>Current<br>(Amps) | Interrupt<br>Capacity<br>(Asym Amps) | Leakage to<br>Ground Metal to<br>Metal (minimum) | *Weight<br>(lb./kg.) | Replacement<br>Fusetube Cap/<br>Cap Assembly | Arc<br>Shortening<br>Rod |
|----------------------|------------------------------|------------------------------|---------------------------|---------------------------------|--------------------------------------|--------------------------------------------------|----------------------|----------------------------------------------|--------------------------|
| CP720112             | 1 2 3                        | 15 kV                        | Thru 14.4 kV              | 100                             | 10,000                               | 12.6" 319 mm                                     | 10.2/4.6             | P7001469P                                    | No                       |
| CP720114             | 1 2 3                        | 15 kV                        | Thru 14.4 kV              | 100                             | 16,000                               | 12.6" 319 mm                                     | 10.3/4.7             | E7001784P                                    | Yes <sup>†</sup>         |

### 15/27kV - 125kV LIW (BIL) RUS LISTED

|          |       |          |                               |     |        |              |          |           |                  |
|----------|-------|----------|-------------------------------|-----|--------|--------------|----------|-----------|------------------|
| CP720211 | 1 2 3 | 15/27 kV | No Restrictions thru 14.9kV;  | 100 | 8,000  | 17.1" 420 mm | 11.4/5.2 | P7001469P | No               |
| CP720213 | 1 2 3 | 15/27 kV | <sup>†</sup> 20.8 thru 24.9kV | 100 | 12,000 | 17.1" 420 mm | 11.4/5.2 | E7001785P | Yes <sup>†</sup> |

### 22/36.4kV - 150kV LIW (BIL)

|          |       |            |                               |     |        |              |          |           |     |
|----------|-------|------------|-------------------------------|-----|--------|--------------|----------|-----------|-----|
| CP720311 | 1 2 3 | 22/36.4 kV | No Restrictions thru 14.9kV;  | 100 | 8,000  | 23.6" 600 mm | 11.2/5.1 | P7001469P | No  |
| CP720313 | 1 2 3 | 22/36.4 kV | <sup>†</sup> 22.8 thru 34.5kV | 100 | 12,000 | 23.6" 600 mm | 11.2/5.1 | E7001785P | Yes |

\*Adjust total weight when selecting Options      \*Must use removable buttonhead fuse links.

<sup>†</sup>For application on single-phase to neutral circuits with phase-to-ground voltages not exceeding the value to the left of the slant; and for application on three-phase solidly-grounded-wye systems with solidly-grounded loads with line-to-line voltages not exceeding the value to the right of the slant.

## Type C-Polymer 100-Amp LINKBREAK Cutout

### \*Option Suffix 1 Terminal Variations

| Suffix 1 | Description                | *Weight (lb./kg.) |
|----------|----------------------------|-------------------|
| P        | Parallel-groove clamps     | 0.33/0.15         |
| E        | Small eyebolts             | 0.16/0.07         |
| L        | Large eyebolts             | 0.31/0.14         |
| R        | Lower PG Clamp Rotated 90° | 0.33/0.15         |

Must specify one selection for Option 1.

### \*Option Suffix 2 Bracket Variations

| Suffix 2 | Description                                                                                  | *Weight (lb./kg.) |
|----------|----------------------------------------------------------------------------------------------|-------------------|
| B        | NEMA Heavy Duty "B" bracket for crossarm (1 1/2" bolt)                                       | 2.84/1.29         |
| X        | Extended type bracket for crossarm (Horizontal section is 2 5/8" longer than Type B bracket) | 3.75/1.70         |
| D        | D-shape bracket (pole)                                                                       | 7.67/3.48         |
| Z        | No bracket (must be used with M in Option 3)                                                 | —                 |
| Blank    | No bracket (cannot use with M in Option 3)                                                   | —                 |
| V        | Easy-On Bracket for crossarm (Height: 4 1/8" to 5 5/32" Width: 2 3/4" to 4")                 | 2.9/1.32          |

### \*Option Suffix 3 Mechanical Assist Fuseholder

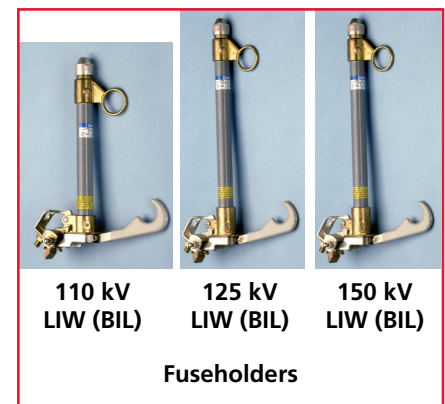
| Suffix 3 | Description                                                                                   |
|----------|-----------------------------------------------------------------------------------------------|
| Blank    | No option (may <u>not</u> be used with Z in Option 2)                                         |
| M        | Mechanical Assist Fuseholder (may <u>not</u> be used with Blank in Option 2)                  |
| F        | Fargo cutout cover (available for 15 kV only) (may <u>not</u> be used with Blank in Option 2) |
| S        | Anti-corrosion stainless steel/copper alloy cutout                                            |

## Fuseholders

### \*Fuseholders (100 Amp only)

| kV & LIW (BIL)         | Cutout Base Catalog Number | Fuseholder Catalog No. | Weight |      |
|------------------------|----------------------------|------------------------|--------|------|
|                        |                            |                        | lb.    | kg.  |
| 15kV<br>110kV BIL      | CP720112                   | T720112T               | 2.5    | 1.13 |
|                        | CP720114                   | T720114T               | 2.7    | 1.22 |
| 15/27kV<br>125kV BIL   | CP720211                   | T720211T               | 2.7    | 1.22 |
|                        | CP720213                   | T720213T               | 2.9    | 1.32 |
| 22/36.4kV<br>150kV BIL | CP720311                   | T720311T               | 2.7    | 1.22 |
|                        | CP720313                   | T720312T               | 2.9    | 1.32 |

\*Mounting assemblies are same as STANDARD cutouts, on 10AA-5.

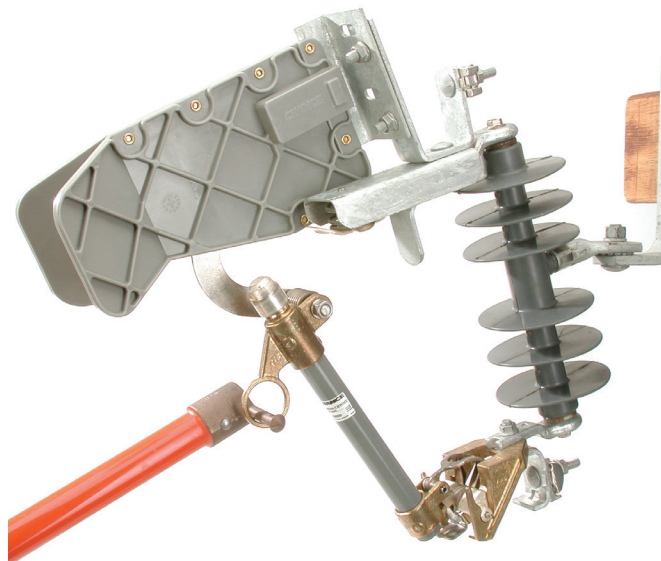


## Type C-Polymer LOADBREAK Cutouts with Arc Chute Interrupter

15kV - 110kV LIW (BIL)

15/27kV - 125/150kV LIW (BIL)

20/34.5kV - 150kV LIW (BIL)



### Application

The Type C-Polymer Loadbreak Cutout is available for application on 15 and 27 kV distribution systems. The addition of the arc chute expands the flexibility of the Chance protective devices family by providing loadbreak capability for cutouts and disconnect solid blade units. The loadbreak cutout provides short circuit protection to utility lines with the added feature of a loadbreaking function.

The loadbreak cutout is applicable for transformer and capacitor bank switching or line sectionalizing. Loadbreak cutouts provide protection from overloads that just melt the fuselink through the maximum interrupt capacity of the fuseholder. They also provide loadbreak capability through 300 amperes.

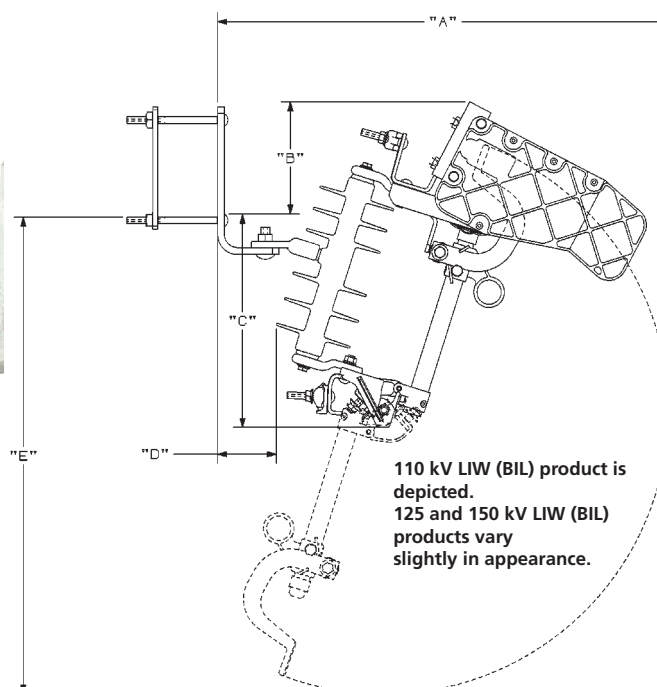
### Design

All design features and most components of the loadbreak unit are identical to those incorporated in the Type C-Polymer standard cutout. The loadbreak portion of the Type C-Polymer Loadbreak cutout is a heavy duty, reliable load interrupter that provides a positive visible loadbreak. A common loadbreak mounting assembly will accept the Chance Type C-Polymer 100 amp and 200 amp loadbreak fuseholders or a 300 amp loadbreak disconnect blade. The Type C-Polymer LOADBREAK fuseholder is not designed to be interchangeable with any other manufacturer's cutout.

### Ratings/Specifications

15kV Type C-Polymer loadbreak cutout has a maximum design voltage rating of 15kV. There are no voltage restrictions on application to grounded wye, ungrounded wye, or delta systems having maximum operating voltages (line to line) equal to or less than the cutout maximum design voltage rating.

15/27 kV and 20/34.5 kV Type C-Polymer loadbreak cutouts have maximum design slant voltage ratings. These cutouts



### Dimensions

| kV<br>LIW (BIL) | A                                            | B                                           | C                                          | D                                        | E                                           |
|-----------------|----------------------------------------------|---------------------------------------------|--------------------------------------------|------------------------------------------|---------------------------------------------|
| 110             | 24 <sup>13</sup> / <sub>16</sub> "<br>630 mm | 6 <sup>3</sup> / <sub>8</sub> "<br>162 mm   | 11 <sup>5</sup> / <sub>8</sub> "<br>295 mm | 3 <sup>1</sup> / <sub>4</sub> "<br>82 mm | 26 <sup>5</sup> / <sub>16</sub> "<br>668 mm |
| 125             | 27 <sup>3</sup> / <sub>4</sub> "<br>704 mm   | 7 <sup>13</sup> / <sub>16</sub> "<br>199 mm | 13 <sup>1</sup> / <sub>4</sub> "<br>337 mm | 2 <sup>7</sup> / <sub>8</sub> "<br>72 mm | 31 <sup>7</sup> / <sub>16</sub> "<br>798 mm |
| 150             | 27 <sup>3</sup> / <sub>4</sub> "<br>704 mm   | 7 <sup>13</sup> / <sub>16</sub> "<br>199 mm | 13 <sup>1</sup> / <sub>4</sub> "<br>337 mm | 2 <sup>7</sup> / <sub>8</sub> "<br>72 mm | 31 <sup>7</sup> / <sub>16</sub> "<br>798 mm |

are to be used on systems which have phase-to-ground voltages no greater than the value listed to the left of the slant (/) and which have phase-to-phase voltages no greater than the value listed to the right of the slant.

Fuseholders and mounting assemblies from other manufacturers' loadbreak cutouts are not interchangeable with Chance loadbreak cutouts. Likewise, Chance fuseholders and mountings are not interchangeable with other manufacturers' loadbreak cutouts.

### Operation

The self-contained loadbreak device enables the lineman to interrupt load current by means of a simple hookstick operation. To break the current, the lineman inserts a hookstick into the operating ring and rapidly opens the device. Upon opening, a spring-loaded stainless steel blade mechanism snaps out through a gray arc chute and elongates, cools and extinguishes the confined arc. The loadbreaking operation is independent of the operating speed of the lineman. The fuse remains undamaged. No special or portable tools are required to operate the unit. In the open position, the fuseholder or blade hangs in an approximate vertical position for the visible-break.



## Type C-Polymer LOADBREAK Cutouts

### Specifications and Ordering Information

All Type C Cutouts meet or exceed ANSI/NEMA specifications.

#### 15kV - 110kV LIW (BIL) RUS LISTED

| *Base Catalog No. | *Option suffixes below | Maximum Design Voltage | Nominal System Voltage | Continuous Current (Amps) | Number of Operations | Interrupt Capacity (Asym Amps) | Leakage to Ground Metal to Metal (minimum) | *Weight (lb./kg.) | Replacement Fusetube Cap/ Cap Assembly | Arc Shortening Rod |
|-------------------|------------------------|------------------------|------------------------|---------------------------|----------------------|--------------------------------|--------------------------------------------|-------------------|----------------------------------------|--------------------|
| CP730112          | 1 2 3                  | 15 kV                  | Thru 14.4 kV           | 100                       | 200                  | 10,000                         | 12.6" 319 mm                               | 15.1/6.8          | P7001535P                              | No                 |
| CP730114          | 1 2 3                  | 15 kV                  | Thru 14.4 kV           | 100                       | 200                  | 16,000                         | 12.6" 319 mm                               | 15.2/6.9          | E7001767P                              | Yes†               |
| CP730143          | 1 2 3                  | 15 kV                  | Thru 14.4 kV           | 200                       | 200                  | 12,000                         | 12.6" 319 mm                               | 15.8/7.2          | E7002146P                              | Yes†               |
| CP730133          | 1 2 3                  | 15 kV                  | Thru 14.4 kV           | 300                       | 50                   | 12,000**                       | 12.6" 319 mm                               | 15.4/7.0          | P7001535P                              | N/A                |

See page 10AA-14 for Arrester Cutout Combinations  
 See page 10AA-15 for Accessories.  
 See page 10AA-16 for Complete Catalog Numbering

#### 15/27kV

| LIW (BIL) |       |          |        |                                                |     |     |          |              |          |            |      |
|-----------|-------|----------|--------|------------------------------------------------|-----|-----|----------|--------------|----------|------------|------|
| CP730211  | 1 2 3 | 15/27 kV | 125 kV | No Restrictions thru 14.4kV; †20.8 thru 24.9kV | 100 | 200 | 8,000    | 17.1" 420 mm | 15.5/7.0 | P7001535P  | No   |
| CP730213  | 1 2 3 | 15/27 kV | 125 kV |                                                | 100 | 200 | 12,000   | 17.1" 420 mm | 15.6/7.1 | E7001768P  | Yes† |
| CP730242  | 1 2 3 | 15/27 kV | 125 kV |                                                | 200 | 200 | 10,000   | 17.1" 420 mm | 16.2/7.4 | E7002479P  | Yes† |
| CP730243  | 1 2 3 | 15/27 kV | 125 kV |                                                | 200 | 200 | 12,000   | 17.1" 420 mm | 16.2/7.4 | PSE7002706 | Yes† |
| CP730342  | 1 2 3 | 15/27 kV | 150 kV |                                                | 200 | 200 | 10,000   | 23.6" 600 mm | 15.9/7.2 | E7002479P  | Yes† |
| CP730343  | 1 2 3 | 15/27 kV | 150 kV |                                                | 200 | 200 | 12,000   | 23.6" 600 mm | 15.9/7.2 | PSE7002706 | Yes  |
| CP730233  | 1 2 3 | 15/27 kV | 125 kV |                                                | 300 | 50  | 12,000** | 17.1" 420 mm | 15.8/7.2 | P7001535P  | N/A  |
| CP730333  | 1 2 3 | 15/27 kV | 150 kV |                                                | 300 | 50  | 12,000** | 23.6" 600 mm | 15.5/7.0 | P7001535P  | N/A  |

#### 20/34.5kV - 150kV LIW (BIL)

|          |       |            |                              |     |     |        |              |          |           |     |
|----------|-------|------------|------------------------------|-----|-----|--------|--------------|----------|-----------|-----|
| CP730311 | 1 2 3 | 20/34.5 kV | No Restrictions thru 14.4kV; | 100 | 100 | 8,000  | 23.6" 600 mm | 15.2/6.9 | P7001535P | No  |
| CP730313 | 1 2 3 | 20/34.5 kV | †20.8 thru 34.5kV            | 100 | 100 | 12,000 | 23.6" 600 mm | 15.3/6.9 | E7001768P | Yes |

\*Adjust total weight when selecting Options    \*\*Momentary rating — Solid blade    \*Must use removable buttonhead fuse links.

†For application on single-phase to neutral circuits with phase-to-ground voltages not exceeding the value to the left of the slant; and for application on three-phase solidly-grounded-wye systems with solidly-grounded loads with line-to-line voltages not exceeding the value to the right of the slant.

#### \*Option Suffix 1 Terminal Variations

| Suffix 1 | Description                | *Weight (lb./kg.) |
|----------|----------------------------|-------------------|
| P        | Parallel-groove clamps     | 0.33/0.15         |
| E        | Small eyebolts             | 0.16/0.07         |
| L        | Large eyebolts             | 0.31/0.14         |
| R        | Lower PG Clamp Rotated 90° | 0.33/.015         |

Must specify one selection for Option 1.

#### \*Option Suffix 2 Bracket Variations

| Suffix 2 | Description                                                                               | *Weight (lb./kg.) |
|----------|-------------------------------------------------------------------------------------------|-------------------|
| B        | NEMA Heavy Duty "B" bracket for crossarm (1½" bolt)                                       | 2.84/1.29         |
| X        | Extended type bracket for crossarm (Horizontal section is 2⅝" longer than Type B bracket) | 3.75/1.70         |
| D        | D-shape bracket (pole)                                                                    | 7.67/3.48         |
| Z        | No bracket (must be used with M in Option 3)                                              | —                 |
| Blank    | No bracket (cannot use with M in Option 3)                                                | —                 |
| V        | Easy-On Bracket for crossarm (Height: 4⅛" to 5⅝" Width: 2¾" to 4")                        | 2.9/1.32          |

#### \*Option Suffix 3 Mechanical Assist Fuseholder

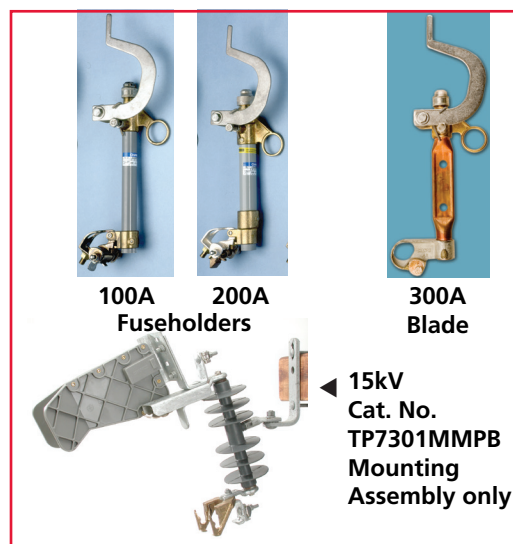
| Suffix 3 | Description                                                                  |
|----------|------------------------------------------------------------------------------|
| Blank    | No option (may <u>not</u> be used with Z in Option 2)                        |
| M        | Mechanical Assist Fuseholder (may <u>not</u> be used with Blank in Option 2) |
| F        | Fargo cutout cover (may <u>not</u> be used with Blank in Option 2)           |
| S        | Anti-corrosion stainless steel/copper alloy cutout                           |

## LOADBREAK Fuseholders and Mounting Assemblies

### 15kV - 110kV LIW (BIL)

| Cutout Base Catalog Number | Fuseholder/ Blade Catalog Number | Fuseholder/ Blade Weight | Mounting Assembly *Base Catalog Number | *Mounting Assembly Weight |
|----------------------------|----------------------------------|--------------------------|----------------------------------------|---------------------------|
| CP730112                   | T730112T                         | 3.3 lb./1.5 kg.          | TP7301MM                               | 10.0 lb./4.5 kg.          |
| CP730114                   | T730114T                         | 3.5 lb./1.6 kg.          |                                        |                           |
| CP730143                   | T730143T                         | 4.1 lb./1.9 kg.          |                                        |                           |
| CP730133                   | T730133T                         | 3.6 lb./1.6 kg.          |                                        |                           |

\*Mounting assembly Catalog Number must include suffix for terminal variation. Adjust total weight when selecting Option suffixes above.

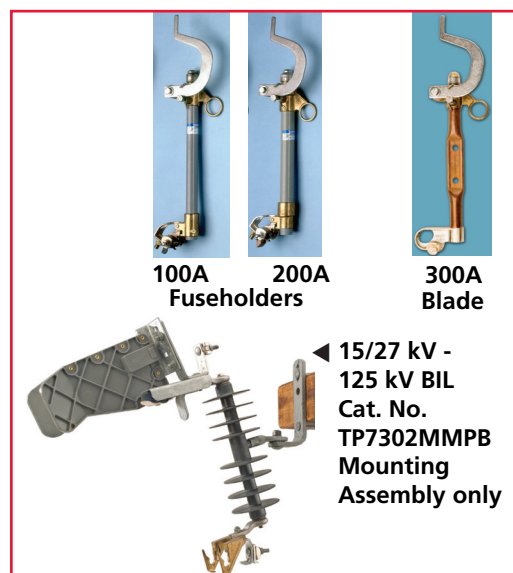


### 15/27kV

#### LIW (BIL)

|          |          |                 |        |          |                  |
|----------|----------|-----------------|--------|----------|------------------|
| CP730211 | T730211T | 3.6 lb./1.6 kg. | 125 kV | TP7302MM | 11.1 lb./5.0 kg. |
| CP730213 | T730213T | 3.8 lb./1.7 kg. | 125 kV | TP7302MM | 11.1 lb./5.0 kg. |
| CP730242 | T730242T | 4.4 lb./2.0 kg. | 125 kV | TP7302MM | 11.1 lb./5.0 kg. |
| CP730243 | T730243T | 4.4 lb./2.0 kg. | 125 kV | TP7302MM | 11.1 lb./5.0 kg. |
| CP730342 | T730342T | 4.4 lb./2.0 kg. | 150 kV | TP7303MM | 11.5 lb./5.2 kg. |
| CP730343 | T730343T | 4.4 lb./2.0 kg. | 150 kV | TP7303MM | 11.5 lb./5.2 kg. |
| CP730233 | T730233T | 4.0 lb./1.8 kg. | 125 kV | TP7302MM | 11.1 lb./5.0 kg. |
| CP730333 | T730333T | 4.0 lb./1.8 kg. | 150 kV | TP7303MM | 11.5 lb./5.2 kg. |

\*Mounting assembly Catalog Number must include suffix for terminal variation. Adjust total weight when selecting Option suffixes above.



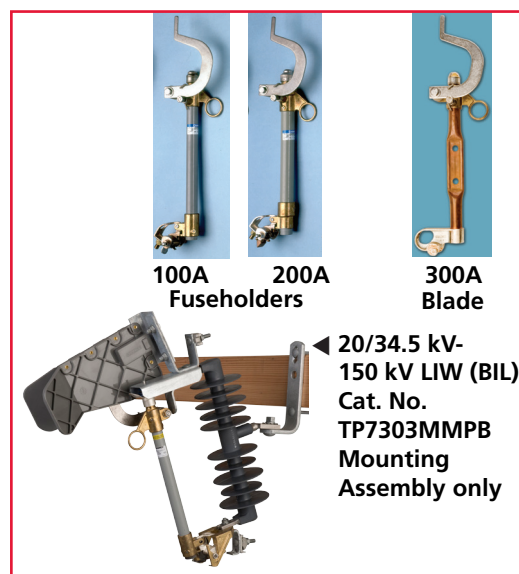
### 20/34.5kV - 150kV LIW (BIL)

|          |          |                 |          |                  |
|----------|----------|-----------------|----------|------------------|
| CP730311 | T730231T | 3.6 lb./1.6 kg. | TP7303MM | 11.5 lb./5.2 kg. |
| CP730313 | T730233T | 3.8 lb./1.7 kg. |          |                  |

\*Mounting assembly Catalog Number must include suffix for terminal variation. Adjust total weight when selecting Option suffixes above.

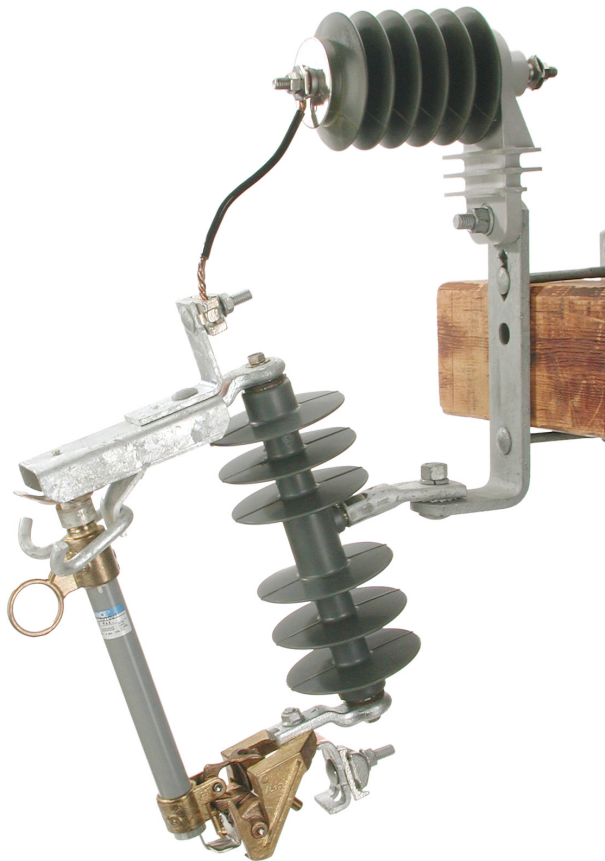


**Replacement Arc Chute Interrupter**  
Cat. No. T7300080  
(1.2 lb. / 0.54 kg.)



# Type C-Polymer Cutout-Arrester Combinations

## Over-the-Arm Type only



15 kV cutout with direct-connected Ohio Brass MOV, polymer 9 kV lightning arrester

### Advantages of combination

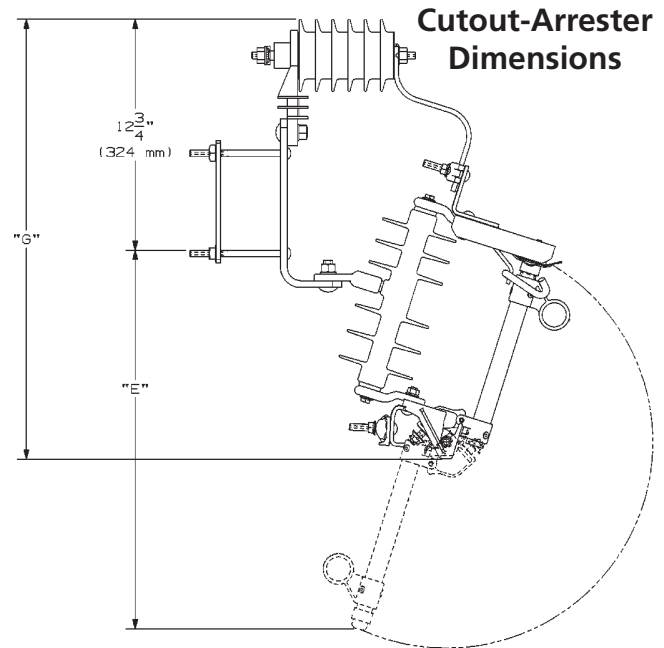
The total installed cost of a Hubbell cutout-arrester combination is less than the total installed cost of separately purchased components. The combination units install faster, more economically and take up less space in storage, transit and service. Each combined unit takes up a minimum of space on the crossarm and has a favorable weight distribution for minimal off-center loading. The field-proven quality of both cutout and arrester assure consistent high performance for the combinations.

These units include Chance cutouts fitted with only Ohio Brass® MOV arresters, superseding previous silicon-carbide units. For easy conversion to the new arrester designation system, refer to the Cutout Cross-Reference Guide, Bulletin 10-0203.

### Ordering Information

To specify a Cutout-Arrester Combination:

1. Select a two-letter designation for the appropriate arrester from the shaded section of the Table at left.
2. Substitute the two letters for the "0" in the Base Catalog No. for the appropriate Cutout listed on page 5, 7 or 9.



110 kV LIW (BIL) product is depicted.  
125 and 150 kV LIW (BIL) products vary slightly in appearance.

### Dimensions

| kV<br>LIW (BIL) | E                                          | G                                           |
|-----------------|--------------------------------------------|---------------------------------------------|
| 110             | 20 <sup>7</sup> / <sub>8</sub> "<br>531 mm | 24 <sup>5</sup> / <sub>16</sub> "<br>617 mm |
| 125             | 26 <sup>1</sup> / <sub>4</sub> "<br>667 mm | 25 <sup>7</sup> / <sub>8</sub> "<br>657 mm  |
| 150             | 26 <sup>1</sup> / <sub>4</sub> "<br>667 mm | 25 <sup>7</sup> / <sub>8</sub> "<br>657 mm  |

For other dimensions see STANDARD Cutout, page 4.

# Type C-Polymer Cutouts Catalog Numbering System

| Position 6 - Type C Polymer Cutout - kV Rating |        |          |      |      |           |           |       |       |
|------------------------------------------------|--------|----------|------|------|-----------|-----------|-------|-------|
| No.                                            | Bil kV | Standard |      |      | Linkbreak | Loadbreak |       |       |
|                                                |        | 100A     | 200A | 300A | 100A      | 100A      | 200A  | 300A  |
| 1                                              | 110    | 15       | 15   | 15   | 15        | 15        | 15    | 15    |
| 2                                              | 125    | 27       | 27   | 27   | 15/27     | 15/27     | 15/27 | 15/27 |
| 3                                              | 150    |          |      |      |           |           | 15/27 | 15/27 |
| 3                                              | 150    | 27       | 27   | 27   | 22/36.4   | 20/34.5   |       |       |

1 represents 319 mm Creep Insulator Assembly  
2 represents 420 mm Creep Insulator Assembly  
3 represents 600 mm Creep Insulator Assembly

| Position 3 - Kind |             |
|-------------------|-------------|
| 1                 | = Standard  |
| 2                 | = Linkbreak |
| 3                 | = Loadbreak |

| Position 11, 12, 13 |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| <b>Blank</b>        | = No option (may not be used with Z in position 10)                         |
| <b>M</b>            | = Mechanical Assist Fuseholder (may not be used with Blank in position 10)* |
| <b>S</b>            | = Stainless Option*                                                         |
| <b>F</b>            | = Add Cutout Cover                                                          |

\*We recommend ordering option M and S together

| Position 10 - Bracket Variations |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| <b>B</b>                         | = NEMA Heavy Duty "B" bracket for crossarm (1-1/2" bolt)                                       |
| <b>X</b>                         | = Extended type bracket for crossarm (Horizontal section is 2-5/8" longer than type B bracket) |
| <b>D</b>                         | = D-shape bracket (pole)                                                                       |
| <b>V</b>                         | = Easy on bracket                                                                              |
| <b>Z</b>                         | = No Bracket (must be used with M in position 11)                                              |
| <b>Blank</b>                     | = No bracket (cannot use with M in position 11)                                                |



| Position 4,5 |                                                                            |
|--------------|----------------------------------------------------------------------------|
| 0            | - No Arrester                                                              |
|              | For cutout arrester combinations, see below for two letter arrester codes. |

| Position 7 - Continuous Current |                                        |
|---------------------------------|----------------------------------------|
| 1                               | = 100 Amps (Accepts 1 - 100 Amp links) |
| 3                               | = 300 Amps solid blade                 |
| 4                               | = 200 Amps (Accepts 140-200 Amp links) |
| <b>M</b>                        | = Mounting assembly only               |

| Position 8 - Interrupting or Momentary Current (Amps) |                                                |
|-------------------------------------------------------|------------------------------------------------|
| 1                                                     | = 8,000                                        |
| 2                                                     | = 10,000                                       |
| 3                                                     | = 12,000 (Must use removable buttonhead links) |
| 4                                                     | = 16,000 (Must use removable buttonhead links) |
| <b>M</b>                                              | = Mounting assembly only                       |

| Position 9 - Terminal Variations (Tin Plated) |                                                                             |
|-----------------------------------------------|-----------------------------------------------------------------------------|
| <b>P</b>                                      | = Parallel-groove clamps                                                    |
| <b>E</b>                                      | = Small eyebolts                                                            |
| <b>L</b>                                      | = Large eyebolts                                                            |
| <b>R</b>                                      | = 90 deg.                                                                   |
| <b>T</b>                                      | = Fuseholder only (enter T in position 1 and leave blank positions 10 & 11) |

| Arrester Manufacturer | MCV Duty Cycle kV Rating     | Arrester Connection Method | Metal Oxide Varistor (MOV) |    |           |    | Operating Design        |
|-----------------------|------------------------------|----------------------------|----------------------------|----|-----------|----|-------------------------|
|                       |                              |                            | Polymer                    |    |           |    | Housing                 |
|                       |                              |                            | 110                        |    | 125 & 150 |    | kV LIW (BIL) for Cutout |
|                       |                              |                            | 9                          | 10 | 18        | 27 | kV Rating               |
| Ohio Brass            | Small Block Normal Duty 5 kA | Direct                     | DL                         | DM | DN        | DP |                         |
|                       | Large Block Heavy Duty 10 kA | Direct                     | EL                         | EM | EN        | EP |                         |
|                       | Riser Pole                   | Direct                     | FL                         | FM | FN        | FP |                         |

# Type C-Polymer Cutouts Accessories

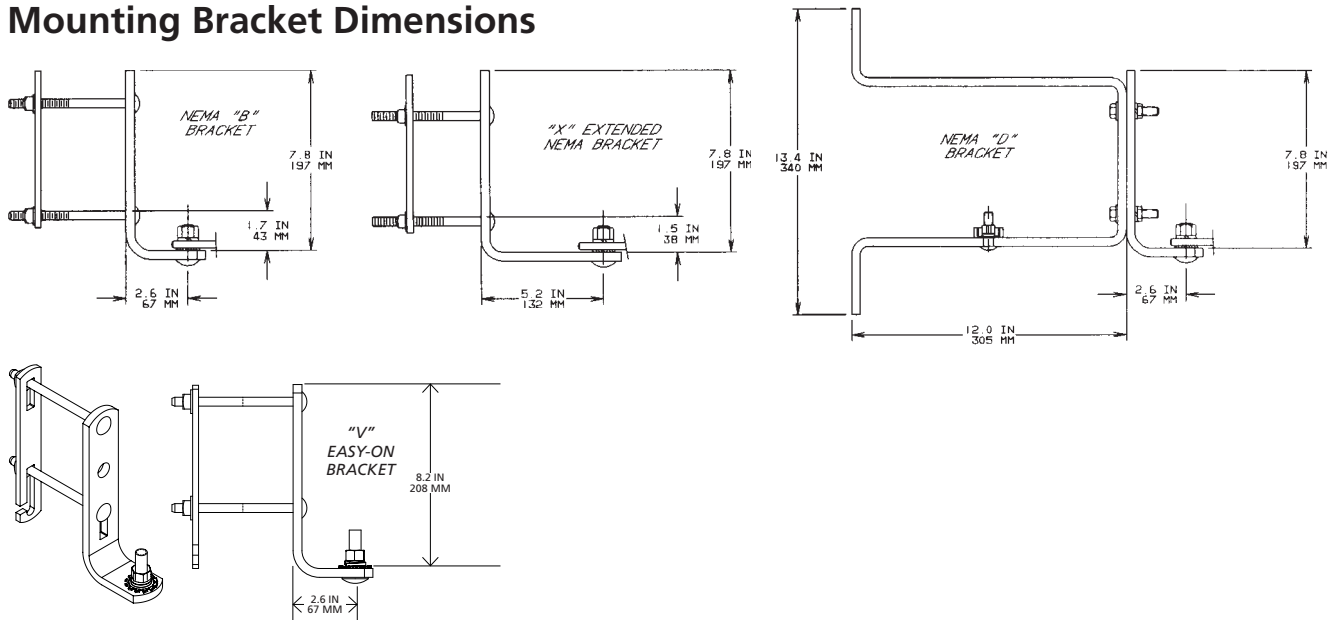
## TERMINAL CONNECTORS

| Catalog No. | Description                                                                                  | Weight (lb./kg.) | Minimum Order Quantity |
|-------------|----------------------------------------------------------------------------------------------|------------------|------------------------|
| T7001325    | Parallel-Groove Clamp, tin-plated bronze for No. 6 solid thru 4/0 ACSR or 250 kcmil stranded | 0.33/0.15        | 10                     |
| T7001326    | Small Eyebolt for No. 8 solid thru 2/0 stranded                                              | 0.16/0.07        | 10                     |
| T7001327    | Large Eyebolt for No. 6 solid thru 4/0 ACSR or 250 kcmil stranded                            | 0.40/0.14        | 10                     |

## MOUNTING BRACKETS

|            |                                                                                            |           |   |
|------------|--------------------------------------------------------------------------------------------|-----------|---|
| C2060283   | NEMA Heavy Duty "B" Bracket with 1½" captive bolt for crossarm mounting                    | 2.84/1.29 | — |
| C2060280   | Extended Crossarm Bracket (Horizontal section is 2½" longer than NEMA "B" bracket)         | 3.75/1.70 | — |
| C2060299   | "D" Pole Mounting Bracket                                                                  | 7.67/3.48 | — |
| C2060632   | Cutout/Arrester Bracket complete with carriage bolts and backstrap                         | 4.00/1.81 | — |
| PSC2060887 | "V" Easy-On Bracket for Crossarm Height range: 4⅛" to 5⅝", Crossarm Width range: 2¾" to 4" | 2.9/ 1.32 | — |

## Mounting Bracket Dimensions



### Fargo Cutout Cover

#### ONE PIECE WILDLIFE PROTECTOR

Available as an Option on Standard and Linkbreak Type C-Polymer Cutouts (see pages 10AA-5 and 10AA-7), Cover also may be ordered as a separate line item as Catalog No. CC101. Material: Proprietary low track vinyl that is UV stabilized for long-term performance. Gray color.

- Designed to provide protection for cutouts from accidental contact by squirrels, birds or other wildlife.
- Universal one-piece design for easy installation or retrofit. Fits Chance 15 kV Standard and Linkbreak Cutouts, both Polymer and Porcelain types.

Fastener installation locations  
(2 fasteners per assembly)

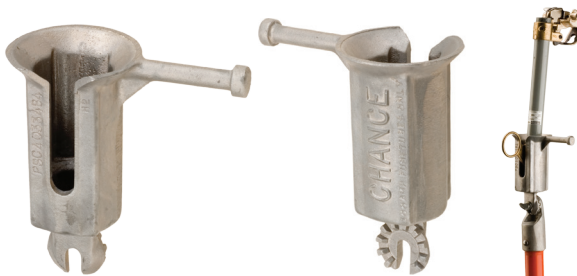


### Universal Cutout Tool

Ideal for Standard and Linkbreak 100 amp fuse holders (ABB, Chance S&C) to easily lift out, place, \*open and close. Inverted, secure method also fits Chance Electronic Sectionalizers.

Cat. No. **PSC4033484 (Wt. 4 oz.)** See Tools Catalog Section 2100.

*\*When opening a cutout, follow all work rules and OSHA regulations. **Not for use with Loadbreak cutouts.***



## NOTES

[illegible]

## NOTES

This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue or grey lines spaced evenly apart, typical of standard notebook paper. The lines extend across the entire width of the page, leaving small margins at the top and bottom. There are no vertical lines, text, or other markings present.



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