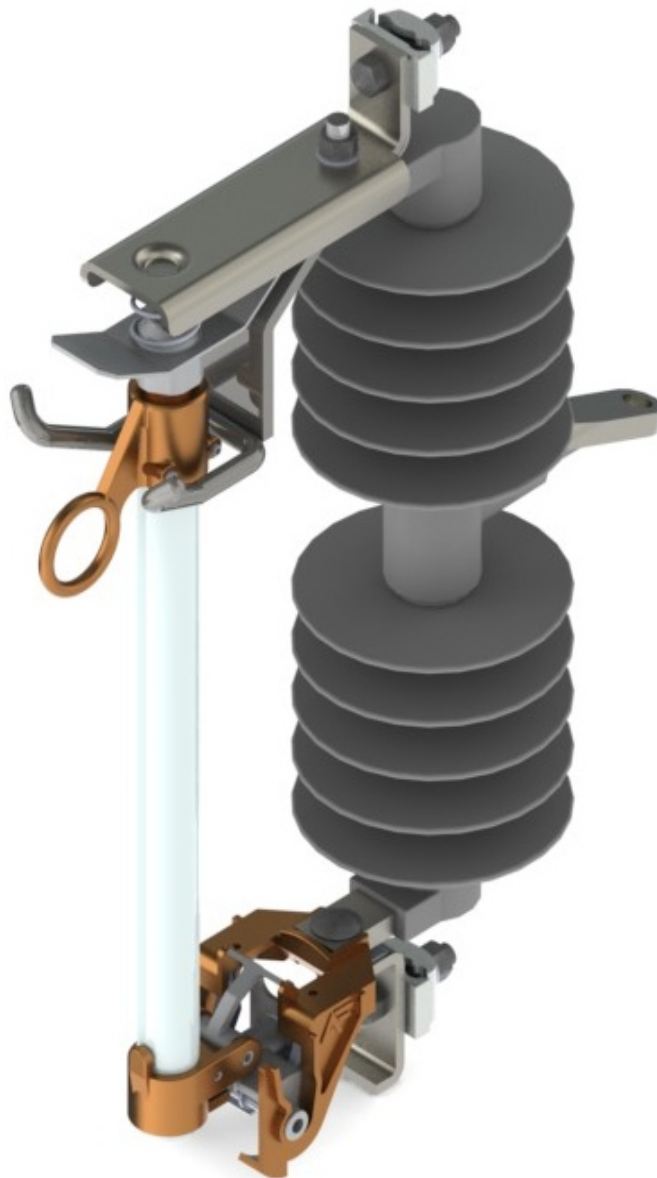




ALUMA-FORM®

# Cutout Catalog

***Meets Current IEEE Standard: C37.41-2024***



***Designed for years of reliable service***



# 15kV & 27kV Porcelain & Polymer Fused Cutouts

## Aluma-Form Quality

Aluma-Form has a long history of providing quality products for the Electric Utility industry. You can expect the same quality in every fused cutout you receive, helping the job get done right the first time.

## Superior Performance

Key Features:

### ***Meets Current Standard: ANSI C37.41-2024***

All copper current path provides minimum electrical resistance.

Lower contacts are backed up by stainless steel springs to ensure excellent current transfer with the fuse tube trunnion.

Rugged construction designed to withstand heavy fault interrupt and reclosure forces.

Interchangeable fuse holder design compatible with other cutouts in the utility market.

Moisture resistant fiberglass reinforced fuse tube with arc-quenching inner liner and a UV resistant exterior coating.

Grooved flipper with stainless steel torsion spring provides proper fuselink tension and prevents breakage.

Silver plated moveable contacts for steady current transfer and low operating temperatures.

RUS approved.

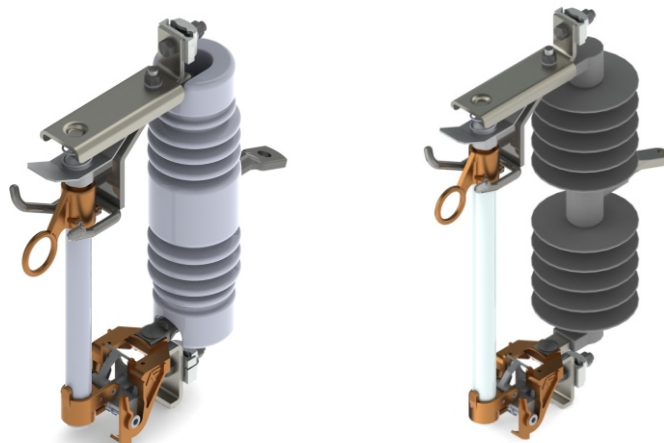
Certified ANSI 37.41 and 37.42

100% Electric Test - AC Dry Withstand

Silicone offering for superior weathering.

100% Mechanical Test

3 Connector Styles - Parallel Groove(Clam Shell), Large Eye Bolt, Small Eye Bolt





# 15kV & 27kV Porcelain & Polymer Cutouts

## Catalog Number System

**CPG   15   LD - 100A K - 110 - C B   10KA**

15 = 15kV  
27 = 27kV  
35 = 35kV

CPG = Porcelain-Galvanized  
CSG = Silicone-Galvanized  
CPS = Porcelain-Stainless  
CSS = Silicone-Stainless

100A = 100 amp fuse barrel  
200A = 200 amp fuse barrel  
300A = 300 amp solid blade  
Add "K" for Kickout Spring

110 = 110 BIL - 15kV  
125 = 125 BIL - 27kV  
150 = 150 BIL - 27kV  
170 = 170 BIL - 27kV\*

### CONNECTOR

C = Clam Shell - #6 Solid to 4/0 ACSR  
see page 4 for configuration options  
E = Large Eye - #6 Solid to 4/0 ACSR  
(250 stranded)  
S = Small Eye - #8 Solid to 2/0 stranded  
R = Rotatable Clamshell  
N = None

Blank - Standard Cutout  
LD - Style Loadbreak  
LX - Style Loadbreak  
LK - Linkbreak Cutout  
NX - Open Upper Contact

10KA \_ for 15KV  
or 100A  
16KA

8KA \_ for 27KV  
or 100A  
12KA \*only 12KA  
for 170 bil

12KA - for 15KV  
200A

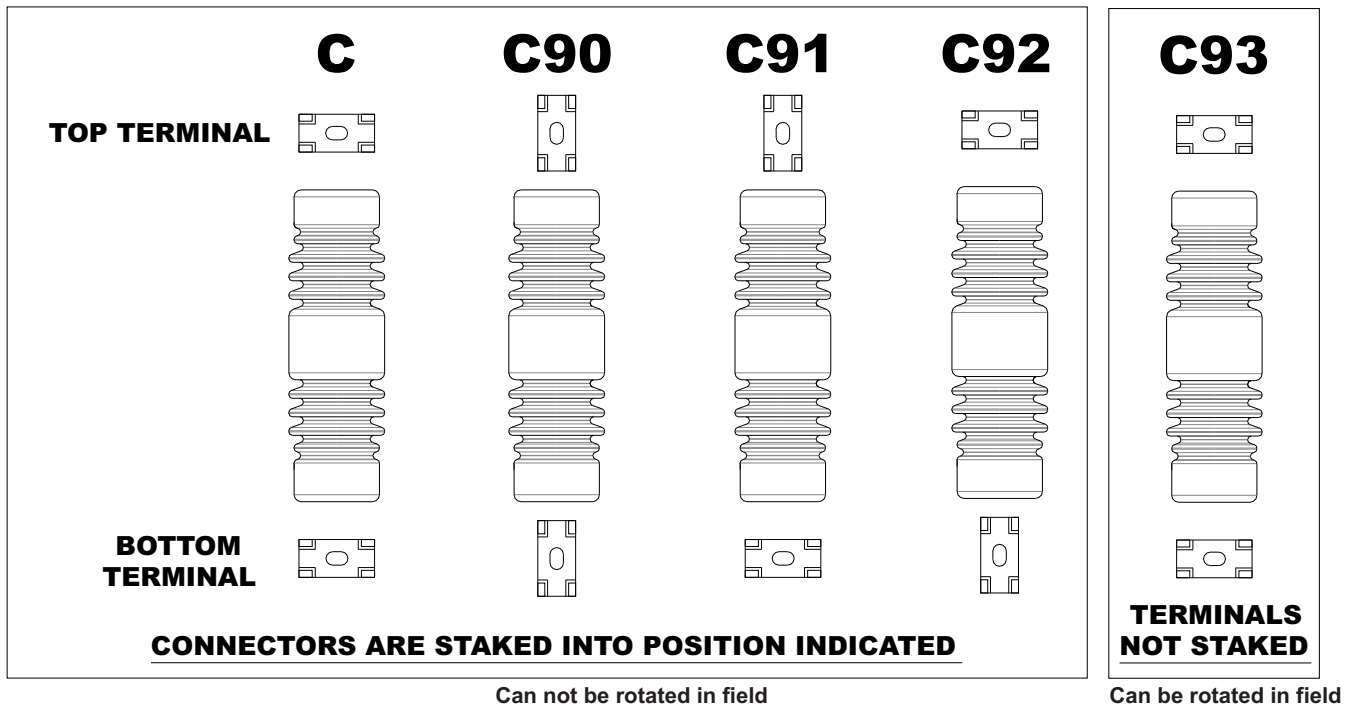
10KA - for 27KV  
200A

BRACKET  
B = NEMA "B"  
X = Extended "B"  
N = No Bracket

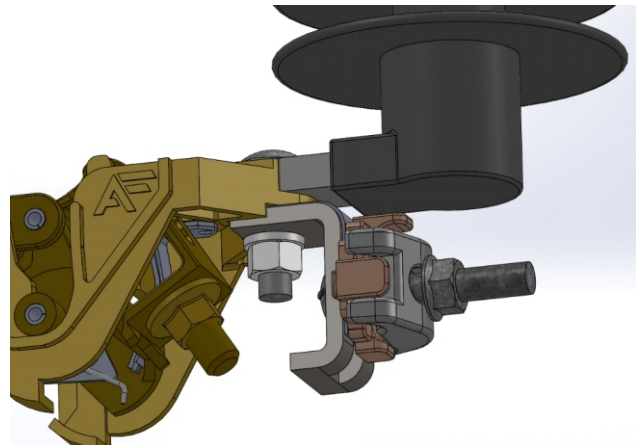
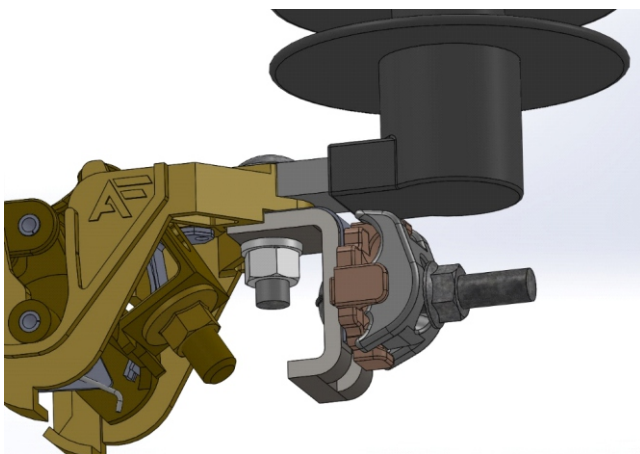




# Parallel Groove Connectors Assembly Styles



- **Allows conductor termination vertically or horizontally**
- **“Rotatable” Top Contact**
- **Clamshell bottom is staked**





**ALUMA-FORM®**

# **15 & 27 kV Porcelain Cutouts**

**- Meets Current IEEE Standard: ANSI C37.41-2024**

**15kV - 110 BIL**

**27kV - 125, 150 & 170 BIL options**

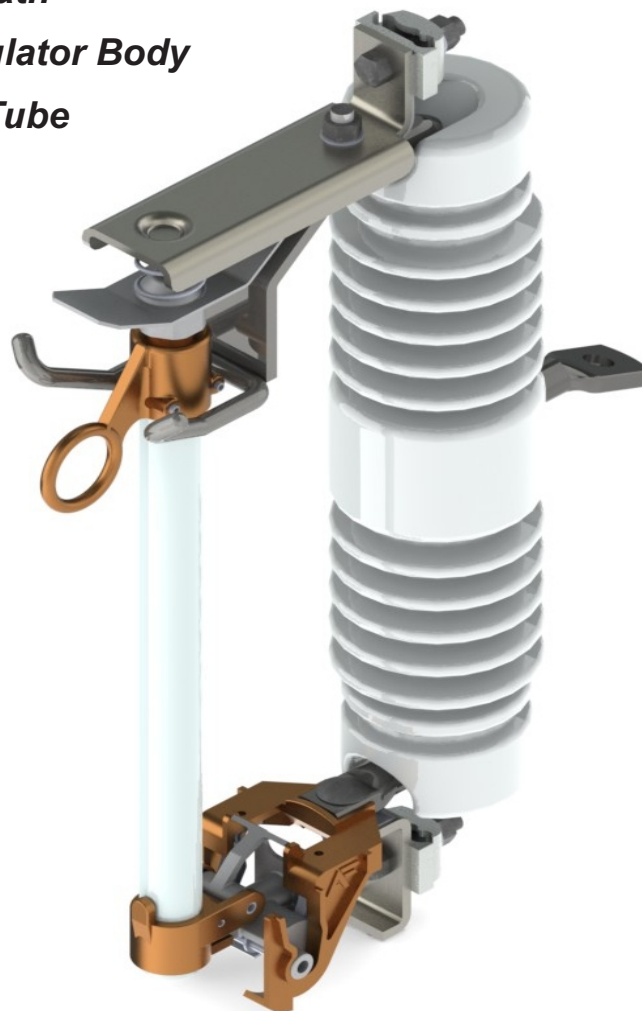
**- 100 Amp or 200 Amp fused options**

**300 Amp Solid Blade**

**- All Copper Current Path**

**- Tough Porcelain Insulator Body**

**- High Strength Fuse Tube**



## **CPG15-100A-110-CN-10KA**



**ALUMA-FORM®**

# **15 & 27 kV Polymer Cutouts**

- ***Meets Current IEEE Standard: ANSI C37.41-2024***
  - 15kV - 110 BIL***
  - 27kV - 125, 150 & 170 BIL options***
- ***100 Amp or 200 Amp fused options***
  - 300 Amp Solid Blade***
- ***All Copper Current Path***
- ***Tough Silicone Insulator Body***
- ***High Strength Fuse Tube***



## **CSG15-100A-110-CN-10KA**



# 15 & 27 kV Load Break Porcelain Cutouts

**ALUMA-FORM®**

- ***Meets Current IEEE Standard: ANSI C37.41-2024***

*15kV - 110 BIL*

*27kV - 125, 150 & 170 BIL options*

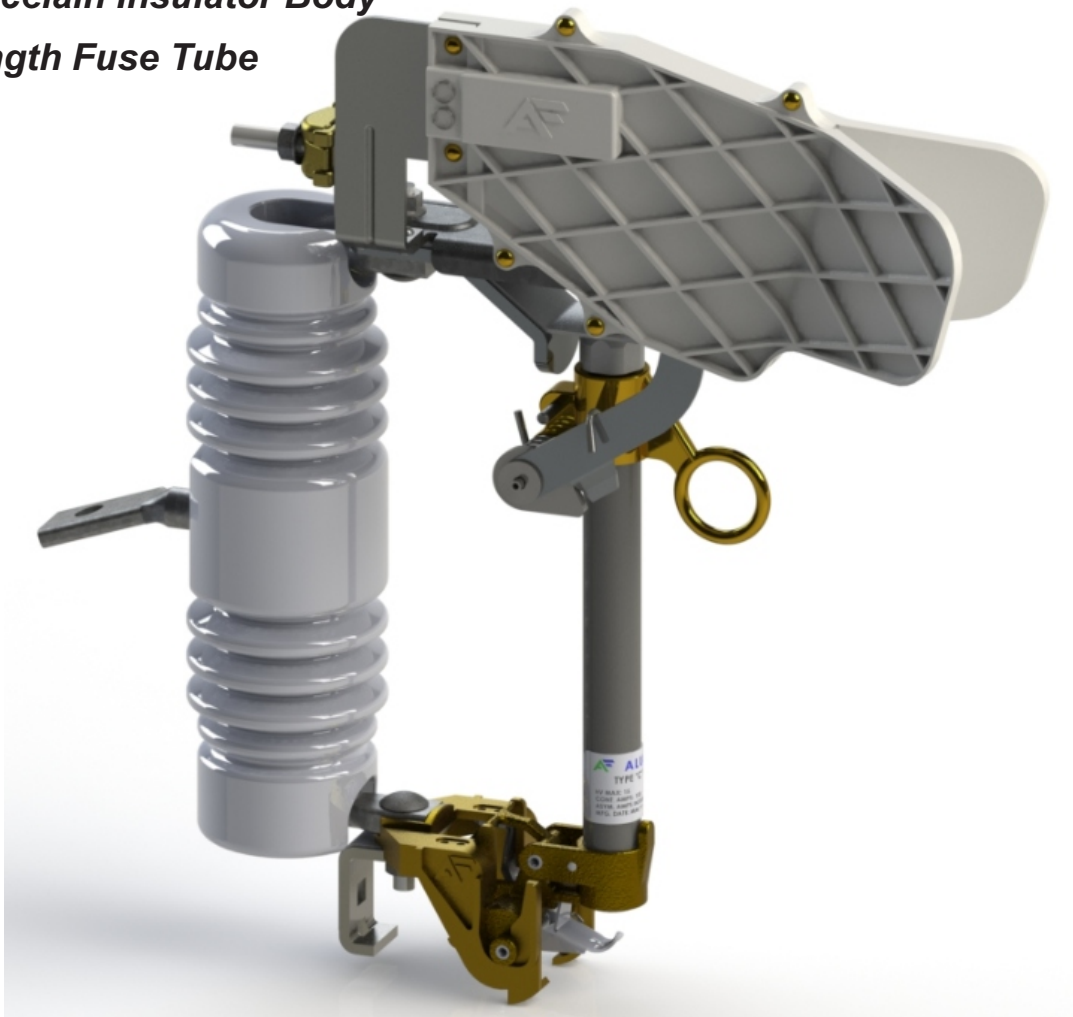
- ***100 Amp or 200 Amp fused options***

*300 Amp Solid Blade*

- ***All Copper Current Path***

- ***Tough Porcelain Insulator Body***

- ***High Strength Fuse Tube***



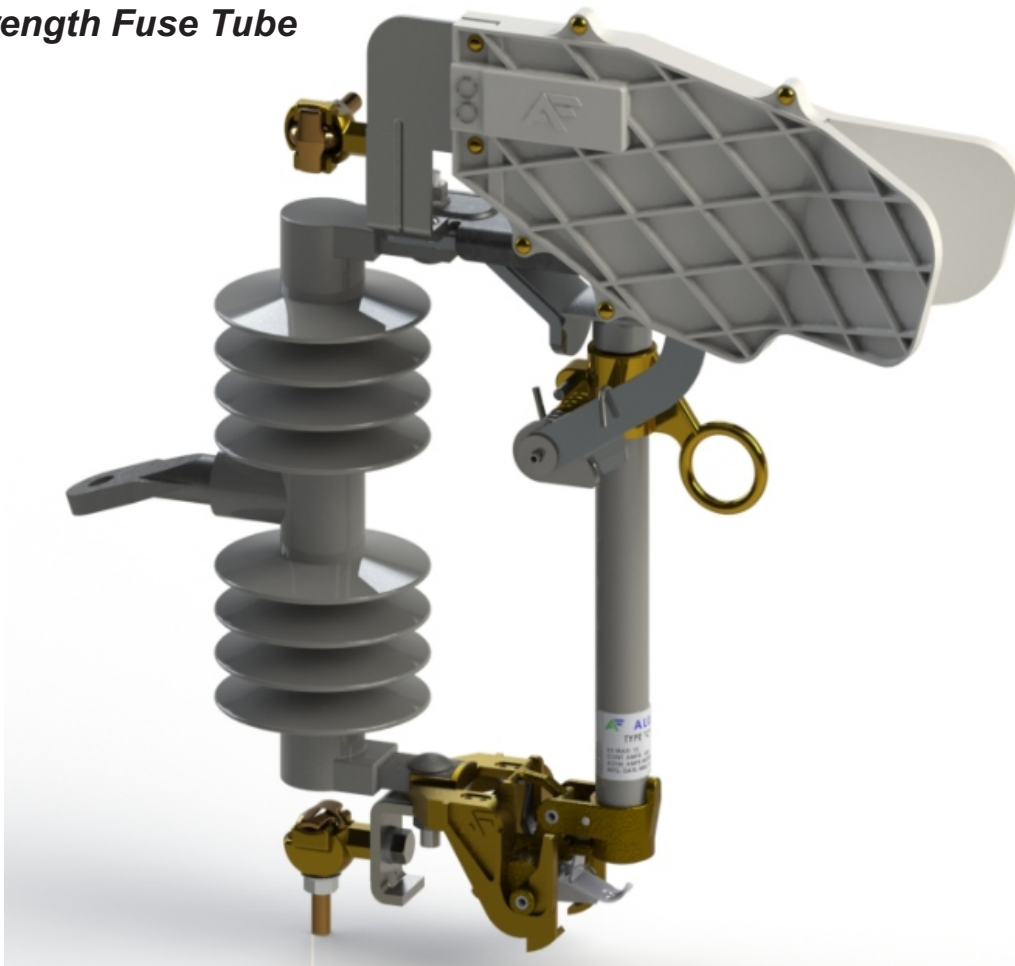
## **CPG15LD-100A-110-CN-10KA**



# 15 & 27 kV Load Break Polymer Cutouts

**ALUMA-FORM®**

- ***Meets Current IEEE Standard: ANSI C37.41-2024***  
*15kV - 110 BIL*  
*27kV - 125, 150 & 170 BIL options*
- ***100 Amp or 200 Amp fused options***  
*300 Amp Solid Blade*
- ***All Copper Current Path***
- ***Tough Silicone Insulator Body***
- ***High Strength Fuse Tube***



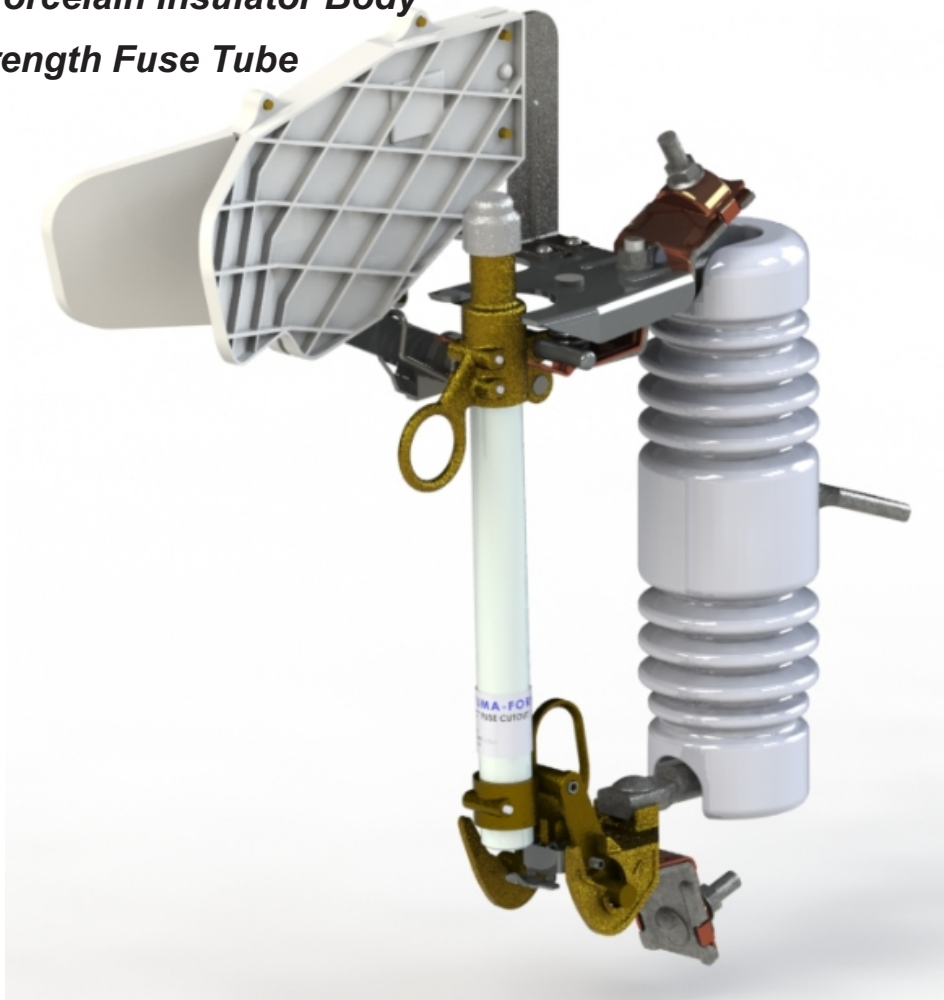
**CSG15LD-100A-110-CN-10KA**



# 15 & 27 kV Load Break Porcelain Cutouts

**ALUMA-FORM®**

- ***Meets Current IEEE Standard: ANSI C37.41-2024***
  - 15kV - 110 BIL*
  - 27kV - 125, 150 & 170 BIL options*
- ***100 Amp or 200 Amp fused options***
  - 300 Amp Solid Blade*
- ***All Copper Current Path***
- ***Tough Porcelain Insulator Body***
- ***High Strength Fuse Tube***



## **CPG15LX-100A-110-CN-10KA**



# 15 & 27 kV Load Break Polymer Cutouts

**ALUMA-FORM®**

***Meets Current IEEE Standard: ANSI C37.41-2024***

***15kV - 110 BIL***

***27kV - 125, 150 & 170 BIL options***

***- 100 Amp or 200 Amp fused options***

***300 Amp Solid Blade***

***- All Copper Current Path***

***- Tough Silicone Insulator Body***

***- High Strength Fuse Tube***



## **CSG15LX-100A-110-CN-10KA**



# 15 & 27 kV Link Break Polymer Cutout

**ALUMA-FORM®**

- ***Meets Current IEEE Standard: ANSI C37.41-2024***
  - 15kV - 110 BIL*
  - 27kV - 125, 150 & 170 BIL options*
- ***100 Amp or 200 Amp fused options***
- ***All Copper Current Path***
- ***Tough Silicone Insulator Body***
- ***High Strength Fuse Tube***



**CSG15LK-100A-110-CN-10KA**



**ALUMA-FORM®**

# **15 & 27 kV NX Polymer Cutout**

- ***Meets Current IEEE Standard: ANSI C37.41-2024***
  - 15kV - 110 BIL***
  - 27kV - 125, 150 & 170 BIL options***
- ***100 Amp or 200 Amp fused options***
- ***All Copper Current Path***
- ***Tough Silicone Insulator Body***
- ***High Strength Fuse Tube***



## **CSG15NX-100A-110-CN-10KA**



ALUMA-FORM®

# Cutout / Arrester Combo



-----Cutout Style-----

-----Arrester Style-----

| C      | P                    | G                       | 1                            | - | 1                          | - | 1                                   | - | E                                                                 | B                                             | - | 1                                   | - | H                                  | 10                                                                                                      |
|--------|----------------------|-------------------------|------------------------------|---|----------------------------|---|-------------------------------------|---|-------------------------------------------------------------------|-----------------------------------------------|---|-------------------------------------|---|------------------------------------|---------------------------------------------------------------------------------------------------------|
| Cutout | Pocelion<br>Silicone | Galv<br>Stainless Steel | 1= 15KV<br>2=27KV<br>3= 35KV |   | 1=100A<br>2=200A<br>3=300A |   | 1=110 bil<br>2=125 bil<br>5=150 bil |   | Connector<br>S=Small Eye<br>E=Large Eye<br>C=Clam Shell<br>N=None | Bracket<br>B=Nema B<br>X=Extended B<br>N=None |   | 1=10kA<br>2=12kA<br>6=16kA<br>8=8kA |   | H=Heavy<br>Duty<br>R=Riser<br>Pole | 03=3kV<br>06=6kV<br>09=9kV<br>10=10kV<br>12=12kV<br>15=15kV<br>18=18kV<br>21=21kV<br>24=24kV<br>27=27kV |

\*Please note that the arrester style for the combo unit is our standard arrester housing and isolator bracket with a ground lead disconnect, wild life protection cap, no line or ground lead and with the following hardware on top and bottom: SS nut, 4-corner, flat washer, lock washer.

Different configurations can be ordered. Please contact your regional sales manager or sales agency for details.



**ALUMA-FORM®**

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