

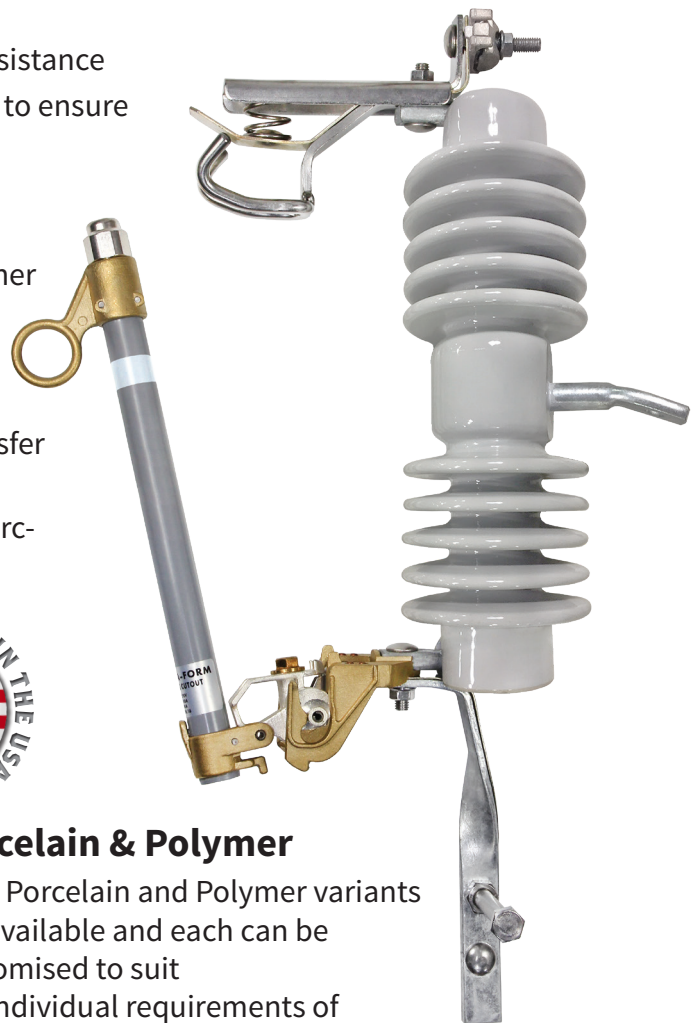
ALUMA-FORM 27kV CUTOUTS

- SUPERIOR DESIGN, PERFORMANCE & USABILITY

BEST-IN-CLASS DESIGN & PERFORMANCE

KEY FEATURES:

- 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
- Grooved flipper with stainless steel torsion sprig provides proper fuselink tension & prevents breakage
- Silver plated moveable contacts for steady current transfer and low operating temperatures
- Moisture resistant fiberglass reinforced fuse tube with arc-quenching inner liner & a UV resistant exterior coating
- 100% Electric Test - AC Dry Withstand
- 100% Mechanical Test



Porcelain & Polymer

Both Porcelain and Polymer variants are available and each can be customised to suit the individual requirements of your network.

Approvals

At this date the applicable standards include:

- IEEE C37.41-2016
- IEEE C37.42-2016
- CSA C310-09

*Test reports available on request



ALUMA-FORM®

ALUMA-FORM 27KV CUTOUTS

- CUSTOMISABLE PORCELAIN & POLYMER CUTOUTS

Customisation

With such a diverse landscape and close proximity to coastal and horticultural environmental factors sometimes a custom built product is required to perform. Aluma-Form offer;

- **2 DIFFERENT EARTHING OPTIONS** - J hook, Extended HDG bracket
- **2 BIL LEVELS** - 125kV BIL & 150kV BIL
- **2 CORROSION RESISTANCE LEVELS** - Galvanised & 316 Stainless Steel fittings
- **4 FUSE HOLDER OPTIONS** - 8kA, 12kA, Link Break & Solid Link
- **3 CONNECTION TYPES** - PG clamp, Eye bolt & Bolt for lug connection

Interchangeability

All too often asset owners have a range of brands installed on their networks from many years of maintenance and upgrades. Aluma-Form have ensured that their polymer cutouts have been tested to perform regardless of what brand fuse tube is used with them - now that's something special.

Standard Stock Items

In addition to custom designing a cutout based on individual network requirements, we have a range of standard products in stock.

Standard Features

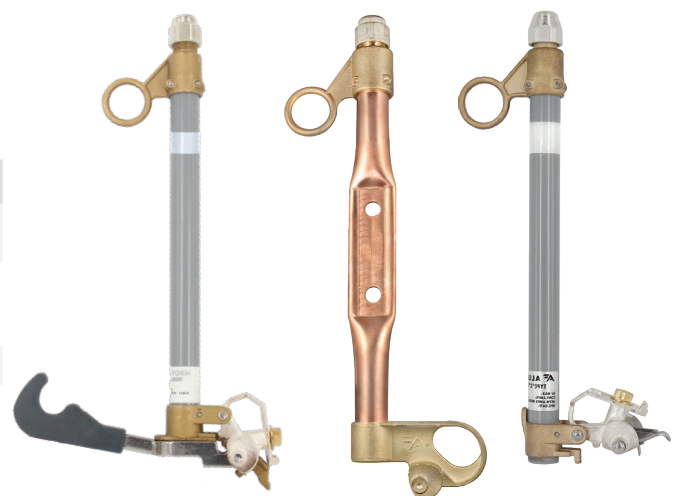
- Supplied with long bolt NEMA 'B' bracket
- 27kV, 100A rated

Cat No.	Insulator Material	Insulator Creepage (mm)	Corrosion Resistance	BIL (kV)	Connector	Earthing Attachment	kA Rating
CSG27-125-N-12HK	POLYMER	600	HDG	125	LUG	HOOK	12
CSG27-125-C-12HK	POLYMER	600	HDG	125	PG CLAMP/ LUG	HOOK	12
CSG27-125-C-12BK	POLYMER	600	HDG	125	PG CLAMP	BRACKET	12
CPG27-125-N-8BK	PORCELAIN	343	HDG	125	LUG	BRACKET	8
CPG27-125-C-8BK	PORCELAIN	343	HDG	125	PG CLAMP	BRACKET	8
CPM27-150-C-12BK	PORCELAIN	432	316 STAINLESS STEEL	150	PG CLAMP	BRACKET	12

Accessories

Additional fuse tubes with a variety of functions are available to fit this range of Cutouts.

Cat No.	Description
CFH27-100A-12KA	REPLACEMENT FUSE TUBE FOR 11KV, 12KA ALUMA-FORM CUTOUTS
CFH27-100AK-12KA	REPLACEMENT FUSE TUBE WITH KICKOUT SPRING FOR LOW FAULT CURRENT APPLICATIONS
CFH27LK-100A-12KA	LINK BREAK FUSE TUBE ASSEMBLY ONLY
USCO-008/300ALINK	300A SOLID LINK FOR USE WITH CSG27 RANGE OF POLYMER CUTOUTS



CFH27-100LK-100A-12KA

USCO-008/300ALINK

CFH27-100A-12KA / CFH27-100AK-12KA