



V-RUPT

THE MOST RELIABLE AND SAFE FUSED CUTOUT

Sometimes, the smaller devices can cause major trouble on electrical networks. That is why CO7 Technologies takes reliability, safety and quality very seriously. Over the past 30 years, the V-Rupt fused cutout has been deployed under the most demanding conditions. With its safe and unbreakable design that resists damage from wide temperature variations and freeze/thaw cycles, the Securupt deliver outstanding performance in all extreme conditions.

PROVEN RELIABILITY

The rugged design features show the highest reliability levels endorsed by extensive field use records. The V-Rupt parts are made of brass, silver-plated copper and tin-plated, chosen with particularly attention to galvanic corrosion.

Fuse holder

- made with fiber-glass filament wound tubing resistant to UV rays and harsh weather. It is interchangeable and easily traceable due to the specific identification
- equipped with expendable cap with rupture capacity of 8,275 kPa (1,200lb/po2)

Cable terminals

- sized for cables with diameter between 5 and 21 mm

Insulator

- especially made for the application with very strict specifications to ensure reliability and durability in a wide range of temperature and within harsh environment
- each insulator is identified for easy traceability

Reverse current loop contacts

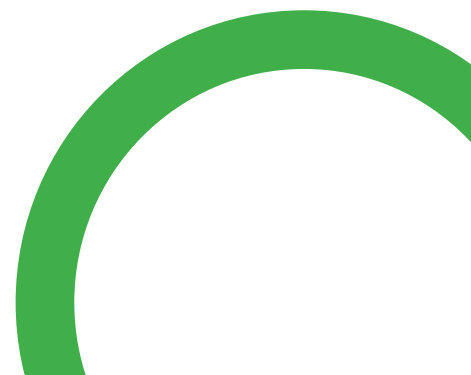
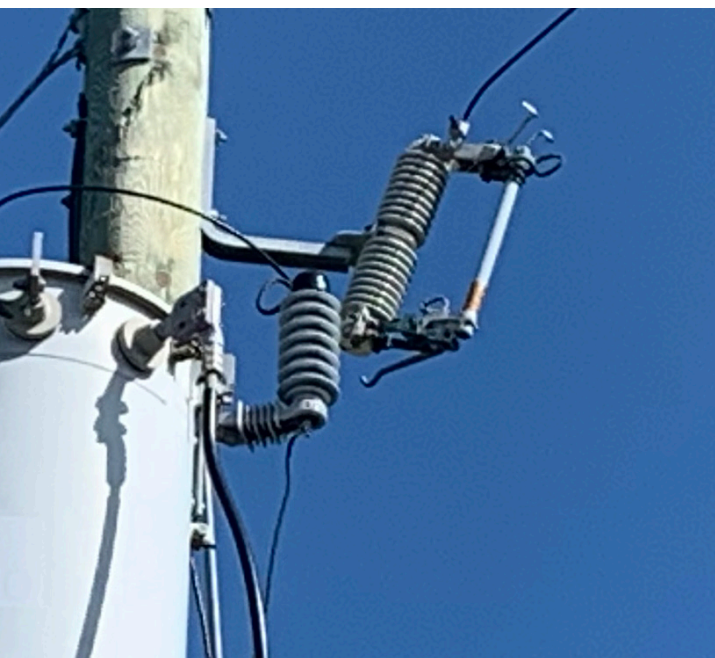
- at both line and hinge ends to increase contact pressure during high surges preventing pitting and burning

Positive lever operated latch

- prevents accidental opening

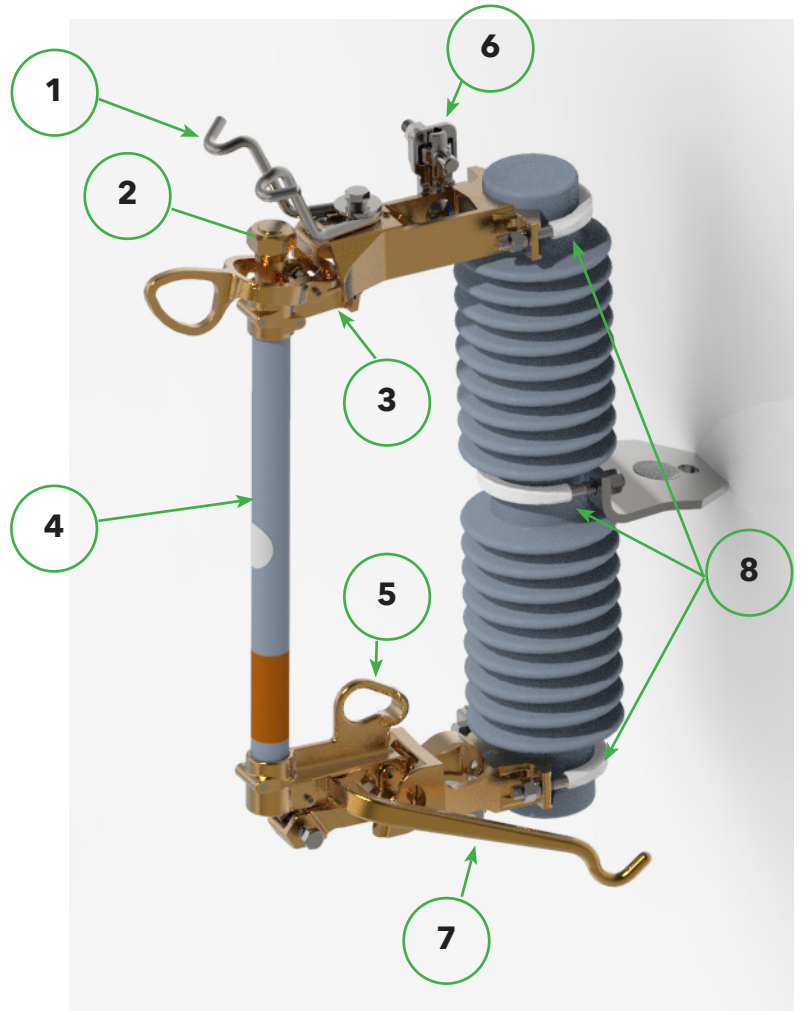
High quality cast bronze construction

Silver-plated, spring-loaded copper contacts



**BETTER DESIGN FOR EASY INSTALLATION,
BETTER FIELD IDENTIFICATION AND OPERATION**

1. **Stainless steel hook for loadbreak tool**
2. **Expulsion brass cap**
3. **Silver-plated, spring-loaded copper contacts**
4. **High strength U.V. resistant fuse holder**
5. **Lifting eye**
6. **Tin-plated eyebolt connector**
7. **Link-break lever**
8. **Plastic coated U-bolt**



SPECIFICATIONS

Continuous Current(A)	100	
Voltage Rating		
kV, Nom	14.4	25
kV, Max	15	27
kV, BIL	110	125
Leakage Distance to Ground		
Inches (mm)	8½(216)	11 (279)
Insulator	Porcelain	
Short-Circuit Interrupting Rating (A RMS)		
Asymmetrical	10,000	8,000
Symmetrical	12,000	5,300
Environmental		
Ambient temperature	-50°C	+40°C
Altitude	1000m	
Wind speed	35m/s	
Peak wind speed	40m/s	
Humidity	Yes	
Pollution	Yes	
Saline environment	Yes	
Industrial environment	Yes	
Sandstorm	Yes	
Seismic shock	Moderate	

The V-Rupt has been design and manufactured following these standards:

- ANSI C37.42** Specification for Distribution Cutouts and Fuse Links
- ANSI Z55.1** Gray Finishes for Industrial Apparatus and Equipment
- CAN/CSA G164** Hot-dip Galvanizing of Irregularly Shaped Articles
- B32.16** Coupe-circuit, 27 kV, à élément de type extérieur, à crochet double et à dispositif casse-fusible (Hydro Québec)



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