

# Eaton UHS18080A1C1C1A

Catalog Number: UHS18080A1C1C1A

Eaton Cooper Power series arrester, Polymer, 18 kV, No line term wire, Sil BRZ nut, SS clamp, cap, Iso, 12" ground strap, Sil BRZ nut, SS lock washer, Insulated hanger, Transformer brkt, HD, VariSTAR

## General specifications

Product Name	Catalog Number
Eaton Cooper Power series arrester	UHS18080A1C1C1A
UPC	Product Length/Depth
194006063777	7.5 in
Product Height	Product Width
12.25 in	3.5 in
Product Weight	Compliances
5.516 lb	Not Applicable
Certifications	
IEEE C62.11	



## Product specifications

### Material type

Polymer housing

### Special features

Heavy-duty

### Ground terminal options

12" copper ground strap, silicone bronze nut and lock washer

### Standard

IEEE Standard C62.11-2005

### Discharge voltage - max

49.1; 52.3; 54.7; 59.6; 65.9; 74.2 kV (@1.5; 3; 5; 10; 20; 40 kA)

### Line stud and lead options

No line terminal wire

### Steep Current Residual Voltage (kV Crest)

64.8 kV

### Duty cycle voltage rating

18 kV rms

### Nominal Discharge Current

10 kA

### Mounting

Transformer mounted

### Mounting bracket options

Transformer mounting bracket

### Type

UltraSIL polymer-housed VariSTAR arrester

### Frequency rating

50-60 Hz

### Isolator options

Black isolator

### Packaging options

Individual carton (assembled terminal hardware)

### Maximum continuous operating voltage

15.3 kV rms

### Equivalent front-of-wave

66 kV

## Resources

### Brochures

[Ultrasil Polymer Housed Varistar IEEE Surge Arrester Catalog](#)

### Specifications and datasheets

[Eaton Specification Sheet - UHS18080A1C1C1A](#)

#### Creep Distance

21.7 in/551 mm

#### Voltage rating

18 kV

#### Application

Distribution

#### Line terminal accessories

Silicone bronze nut, stainless steel wire clamp and universal wildlife protector

#### Base/bracket configuration options

Insulated hanger

#### Hanger options

Insulated hanger

#### Nameplate options

Standard per IEEE C62.11



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