

# Eaton UHS18080K1C1D1A

Catalog Number: UHS18080K1C1D1A

Eaton Cooper Power series arrester, Polymer, 18 kV, No line term wire, Flipper fuse kit, Iso, 12" ground strap, Sil BRZ nut, SS lock washer, Insulated hanger, Transformer brkt w/hardware, HD, VariSTAR

## General specifications

Product Name	Catalog Number
Eaton Cooper Power series arrester	UHS18080K1C1D1A
UPC	Product Length/Depth
194006064583	7.5 in
Product Height	Product Width
12.25 in	3.5 in
Product Weight	Compliances
5.522 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 mtg bracket (DM26S4) and (2) mtg hardware

### 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 - UHS18080K1C1D1A](#)

#### Creep Distance

21.7 in/551 mm

#### Voltage rating

18 kV

#### Application

Distribution

#### Line terminal accessories

Flipper fuse kit

#### Base/bracket configuration options

Insulated hanger

#### Hanger options

Insulated hanger

#### Nameplate options

Standard per IEEE C62.11



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2023 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://Eaton.com/socialmedia)