

Eaton UHS3012T1M81BB1

Catalog Number: UHS3012T1M81BB1

Eaton Cooper Power series arrester, Poly housing, 24.4 kV, 30 kV, No line term (AZ212B), Stainless steel nut and (2) SS wire clamps, Iso 3/8", SS nut and lock washer, Insulated hanger, NEMA cross-arm brkt with 5" bolts, VariSTAR, HD



General specifications

Product Name	Catalog Number
Eaton Cooper Power series arrester	UHS3012T1M81BB1
UPC	Product Height
194006065047	16.68 in
Product Diameter	Product Weight
3.5 in	16.033 lb
Compliances	Certifications
Not Applicable	IEC 60099-4

Product specifications

Type

UltraSIL polymer-housed VariSTAR arrester

Special features

Heavy-duty

Application

Distribution

Voltage rating

30 kV

Material type

Polymer housing

Duty cycle voltage rating

30 kV rms

Standard

IEC 60099-4

Frequency rating

50-60 Hz

Mounting

Transformer mounted

Equivalent front-of-wave

102 kV

Discharge voltage - max

76.1; 81; 84.7; 92.4; 102; 115 kV (@1.5; 3; 5; 10; 20; 40 kA)

Steep Current Residual Voltage (kV Crest)

100.5 kV

Creep Distance

33.3 in/846 mm

Line stud and lead options

No line terminal (AZ212B)

Line terminal accessories

Stainless steel nut and (2) stainless steel wire clamps

Isolator options

Black isolator 3/8"

Ground terminal options

Stainless steel nut and lock washer

Resources

Brochures

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

Specifications and datasheets

[Eaton Specification Sheet - UHS3012T1M81BB1](#)

Base/bracket configuration options

Insulated hanger

Mounting bracket options

NEMA cross-arm bracket with 5" bolts

Nameplate options

Standard per IEC 60099-4 (Spanish-Mexico)

Packaging options

Individual carton (unassembled terminal hardware)

Hanger options

Insulated hanger

Nominal Discharge Current

10 kA

Maximum continuous operating voltage

24.4 kV rms



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