

Eaton AZES001G005006

Catalog Number: AZES001G005006

VariSTAR AZE station-class arrester, Porcelain, 5.1 kV MCOV, 6 kV duty cycle, 65 kAIC, Upright mounting, NEMA four-hole pad accepts Cu or Al conductors up to 20 mm, 3.4 kJ/kV MCOV single impulse



General specifications

Product Name	Catalog Number
Eaton Cooper Power series VariSTAR AZE station-class arrester	AZES001G005006
	UPC
	194006063609
Product Length/Depth	Product Height
17.95 in	18.5 in
Product Width	Product Weight
10.5 in	49 lb
Compliances	Certifications
Not Applicable	IEEE C62.11

Accessories

Ground terminal options

NEMA 4-hole pad max. 20 mm dia

Line terminal options

NEMA 4-hole pad

Nameplate options

IEEE nameplate

Electrical Ratings

Basic impulse level 1.2/50 wave

130 kV

Creep distance

9.2 in

Duty cycle voltage rating

6 kV

Energy rating

3.4 kJ/kV MCOV 1-impulse

Equivalent front-of-wave

18.2 kV

Frequency rating

50/60 Hz

Lightning impulse residual voltage

14.4; 15.0; 15.4; 16.3; 18.1; 21.2 kV (@1.5; 3; 5; 10; 20; 40 kA)

Discharge voltage - max

13.9; 14.7; 15.4; 16.7; 18.6; 21.4 kV (@1.5; 3; 5; 10; 20; 40 kA)

Short circuit rating

65 kA

Maximum continuous operating voltage

5.1 kV

Wet 50/60 Hz per 60 seconds

40 kV (Wet 60s)

Additional Specifications

Packaging options

Cardboard packaging

Descriptions

Grading ring

No

Mounting

Mounting

Upright base

Ratings

Cantilever strength ultimate

90,000 in-lbs

Type

Arrester type

VariSTAR type AZE station-class arrester

Material type

Porcelain

Resources

Catalogs

[VariSTAR Type AZE station-class surge arresters for systems through 345 kV IEEE certified](#)

Installation instructions

[VariSTAR type AZE station class surge arresters installation and maintenance instructions](#)

Specifications and datasheets

[Eaton Specification Sheet - AZES001G005006](#)

[Overhead line installation and protective equipment specifiers guide](#)



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