

Eaton AZL1B27R

Catalog Number: AZL1B27R

Eaton Cooper Power series AZL MOV arrester, Porcelain housing, 22 kV, 27 kV, No line term wire, Sil BRZ nut, SS wire clamp and cap, Iso 3/8", Sil BRZ nut and SS wire clamp, Galv steel hanger brkt, Crossarm brkt, VariSTAR, HD



General specifications

Product Name	Catalog Number
Eaton Cooper Power series AZL MOV arrester	AZL1B27R
	UPC
	194006060813
Product Length/Depth	Product Height
24.1 in	6.3 in
Product Width	Product Weight
3.1 in	0.001 lb
Compliances	Certifications
Not Applicable	IEEE C62.11

Product specifications

Type

VariSTAR type AZL MOV arrester

Special features

Heavy-duty

Application

Distribution

Voltage rating

27 kV

Material type

Porcelain housing

Duty cycle voltage rating

27 kV rms

Standard

IEEE Standard C62.11-1987

Frequency rating

50-60 Hz

Equivalent front-of-wave

95.2 kV

Discharge voltage - max

72.8; 77.3; 81.7; 89; 100.2; 120.7 kV (@1.5; 3; 5; 10; 20; 40 kA)

Creep Distance

21.7 in/551 mm

Line stud and lead options

No line terminal wire

Line terminal accessories

Silicone bronze nut, stainless steel wire clamp and wildlife protector

Isolator options

Black isolator 3/8"

Ground terminal options

Silicone bronze nut and stainless steel wire clamp

Base/bracket configuration options

Galvanized steel hanger bracket

Mounting bracket options

Crossarm bracket

Resources

Brochures

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

Specifications and datasheets

[Eaton Specification Sheet - AZL1B27R](#)

Nominal Discharge Current

10 kA

Maximum continuous operating voltage

22 kV rms



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