

Specifications



Photo is representative

BOM ITEM #17A

Eaton

USAA010008A1045A11

Eaton Cooper Power Series VariSTAR US station-class arrester, Polymer, 10kV, 63 kAIC, NEMA 4-hole pad; accepts cond max 1.15"dia (1000MCM), NEMA 4-hole pad; accepts cond max 0.82"dia (500MCM), 3.9 kJ/kV MCOV single impls

General specifications

PRODUCT NAME	Eaton Cooper Power series VariSTAR US station-class arrester
CATALOG NUMBER	USAA010008A1045A11
UPC	194006112604
PRODUCT HEIGHT	14.4 in
PRODUCT DIAMETER	11.8 in
PRODUCT WEIGHT	9 lb
COMPLIANCES	Not Applicable
CERTIFICATIONS	IEEE C62.11
PRODUCT TYPE	Station-class arrester

Accessories

GROUND TERMINAL OPTIONS	NEMA 4-hole pad max. 0.82" dia
--------------------------------	--------------------------------

LINE TERMINAL OPTIONS	NEMA 4-hole pad
------------------------------	-----------------

NAMEPLATE OPTIONS	IEEE nameplate
--------------------------	----------------

Descriptions

GRADING RING	No
---------------------	----

Mounting

MOUNTING	Upright base
-----------------	--------------

Type

ARRESTER TYPE	UltraSIL standard energy handling arrester
----------------------	--

MATERIAL TYPE	Silicone rubber
----------------------	-----------------

Additional Specifications

PACKAGING OPTIONS	Cardboard packaging
--------------------------	---------------------

Electrical Ratings

BASIC IMPULSE LEVEL 1.2/50 WAVE	134 kV
--	--------

CREEP DISTANCE	38.4 in
-----------------------	---------

DUTY CYCLE VOLTAGE RATING	10 KV
----------------------------------	-------

ENERGY RATING	3.9 kJ/kV MCOV 1-impulse
----------------------	--------------------------

EQUIVALENT FRONT-OF-WAVE	28.8 KV
---------------------------------	---------

FREQUENCY RATING	50/60 Hz
-------------------------	----------

DISCHARGE VOLTAGE - MAX	22.4; 23.7; 24.9; 27.3; 29.9; 34.1 kV (@1.5; 3; 5; 10; 20; 40 kA)
--------------------------------	---

SHORT CIRCUIT RATING	63 kA
-----------------------------	-------

MAXIMUM CONTINUOUS OPERATING VOLTAGE	8.4 kV
---	--------

WET 50/60 HZ PER 60 SECONDS	75 kV (Wet 60s)
------------------------------------	-----------------

Ratings

CANTILEVER STRENGTH MDCL STATIC	6000 in-lbs
--	-------------

CANTILEVER STRENGTH ULTIMATE	15,000 in-lbs
-------------------------------------	---------------

Resources

CATALOGS	Ultrasil Polymer Housed Varistar Station Class Surge Arrester Catalog
----------	---

SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - USAA010008A1045A11
-------------------------------	--

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

