

HUBBELL Power Systems

Protecta*Lite Arrester (98 kV MCOV)

By OHIO BRASS
Catalog # 602098A2B6002

This web listing represents a sampling of typical configurations. Protecta*Lite Arrester assemblies can be customized for all distribution and transmission lines.

Selection of arrester MCOV size is based upon the maximum continuous voltage that is applied across the arrester in service (line-to-ground). For arresters on effectively grounded neutral systems, this is normally the maximum line-to-ground voltage

Example: 84 kV on a 138 kV system. For ungrounded or impedance-grounded systems, the MCOV should be at least 90 percent of maximum phase-to-phase voltage.

For more information about arrester selection, please contact your Hubbell Power Systems representative.

Features

- Eliminate lightning interruptions with Protecta*Lite Arresters
- Custom designs available up to 765 kV
- Protecta*Lite Arresters offer protection on both shielded and unshielded lines
- To learn more about how Protecta*Lite improves line performance, click [here](#) to visit our blog.

General

Application	Above 35 kV
Type	Line Arresters
UPC	096359651673

Dimensions

Dimensions	10.313 in x 10.313 in x 21.750 in
Height	21.75 in
Length	10.313 in
Weight	22.5 lb
Width	10.313 in



Electrical Ratings

Creep and Leakage Distance	162.9 in (4137.7 mm)
Duty Cycle	120 kV
Frequency Rating	48-62 Hz
MCOV	98 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	394 kV
Maximum Discharge Voltage	295 kV @ 1.5 kA
	315 kV @ 3 kA
	334 kV @ 5 kA
	367 kV @ 10 kA
	413 kV @ 20 kA
	491 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	283 kV
Pressure Relief Capability-Symmetrical rms (kA)	20
Voltage - Line	161 kV

Certifications And Compliance

Industry Standard(s)	IEEE/IEC
----------------------	----------

Product Assets

Case Studies - Performance & Revenue Enhancements Utilizing

Line Surge Arresters - White Paper

Catalogs - Protecta*Lite Line Surge Arresters

ISO Certificates - ISO 9001:2015 - Hubbell Power Systems Inc.

Effective 2020-2023, Multi-site (English)

ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.

Literature - Application Guide: Metal-oxide Surge Arresters for

use on AC systems

Literature - Protecta*Lite

Literature - Protecta*Lite Line Arrester Performance Study

Sales Drawings - 602098A2B6002 (Reference Only)

Video - Hubbell Power Systems Metal Oxide Varistor

Video - Ohio Brass Protecta*Lite® Systems Surge Arresters



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
OB-602098A2B6002-SPEC-EN | REV 6/2024