

HUBBELL Power Systems

Protecta*Lite Arrester (22 kV MCOV)

By OHIO BRASS
Catalog # 602022A2X4001

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.



*Representative Image

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.

Application

35 kV and Below

General

Catalog Number	602022A2X4001
EU RoHS Indicator	Contact Manufacturer
Installation Type	Suspension
Insulator Type	None
Type	Line Arresters
UPC	096359455240

Electrical Ratings

Creep and Leakage Distance	39.6 in (1005.8 mm)
Duty Cycle	27 kV
Frequency Rating	48-62 Hz
MCOV	22 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	91.8 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 68.7 kV @ 1.5 kA • 73.3 kV @ 3 kA

	<ul style="list-style-type: none"> • 77.7 kV @ 5 kA • 85.4 kV @ 10 kA • 96.1 kV @ 20 kA • 114.3 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	65.9 kV
Pressure Relief Capability-Symmetrical rms (kA)	20
Voltage - Line	34.5 kV

Certifications And Compliance

Industry Standard(s)	IEEE/IEC
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Product Assets

- [Case Studies - Performance & Revenue Enhancements Utilizing Line Surge Arresters - White Paper](#)
- [Catalogs - Protecta*Lite Line Surge Arresters](#)
- [Installation Manuals - Installation Instructions Protecta*Lite Arresters - English](#)
- [Installation Manuals - Installation Instructions Protecta*Lite Arresters - Spanish](#)
- [ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
- [Literature - Protecta*Lite](#)
- [Literature - Protecta*Lite Line Arrester Performance Study](#)
- [Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)
- [Specifications - 602022A2X4001](#)
- [Technical Publications - The Evolution of Line Surge Arrester Technology](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)
- [Video - Ohio Brass Protecta*Lite® Systems Surge Arresters](#)



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OB-602022A2X4001-SPEC-EN | REV 10/2024