

# HUBBELL Power Systems

## Protecta\*Lite Arrester (8.4 kV MCOV)

By OHIO BRASS  
Catalog # 602009BOX4002

This web listing represents a sampling of typical configurations. ProtectaLite 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	35 kV and Below
EU RoHS Indicator	Contact Manufacturer
Type	Line Arresters
UPC	096359437529



### Electrical Ratings

Creep and Leakage Distance	14.4 in (365.8 mm)
Duty Cycle	10 kV
Frequency Rating	48-62 Hz
MCOV	8.4 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	34 kV
Maximum Discharge Voltage	25.4 kV @ 1.5 kA
	27.1 kV @ 3 kA
	28.8 kV @ 5 kA
	31.6 kV @ 10 kA
	35.6 kV @ 20 kA
	42.3 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	24.4 kV
Pressure Relief Capability-Symmetrical rms (kA)	20
Voltage - Line	13.8 kV

### Certifications And Compliance

Industry Standard(s)	IEEE/IEC
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## Logistics

Pallet Quantity

112

### 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

Video - Hubbell Power Systems Metal Oxide Varistor

Video - Ohio Brass Protecta\*Lite® Systems Surge Arresters



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