

HUBBELL Power Systems

Protecta*Lite Arrester (88 kV MCOV)

By OHIO BRASS
Catalog # 682088G1G2003

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.

General

Application	Above 35 kV
Insulator Type	Quadri*Sil S250
Type	Line Arresters

Electrical Ratings

Creep and Leakage Distance	151.2 in (3840.5 mm)
Duty Cycle	108 kV
Frequency Rating	48-62 Hz
MCOV	88 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	354.4 kV
Maximum Discharge Voltage	265.5 kV @ 1.5 kA
	283.1 kV @ 3 kA
	300 kV @ 5 kA
	329.8 kV @ 10 kA
	371.3 kV @ 20 kA
	441.5 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	254.4 kV
Pressure Relief Capability-Symmetrical rms (kA)	20
Voltage - Line	138 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 9001:2015 - Hubbell Power Systems Inc.

Effective 2020-2023, Multi-site (English)

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

Video - Hubbell Power Systems Metal Oxide Varistor

Video - Ohio Brass Protecta*Lite® Systems Surge Arresters



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