HUBBELL Power Systems

Protecta*Lite Arrester (84 kV MCOV)

By OHIO BRASS Catalog # 602084B7Q0001

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 Above 35 kV
EU RoHS Indicator Contact Manufacturer
Type Line Arresters
UPC 096359578451

Electrical Ratings

Creep and Leakage Distance
Duty Cycle
Frequency Rating
MCOV
Maximum .5 Microsecond
Discharge Volts @ Classifying
Current
Maximum Discharge Voltage

140.6 in (3571.2 mm)
108 kV
48-62 Hz
84 kV
341.5 kV
255.5 kV @ 1.5 kA

272.5 kV @ 3 kA 289 kV @ 5 kA 317.5 kV @ 10 kA 357 kV @ 20 kA 425 kV @ 40 kA

Maximum Switching Surge Protective Level @ 500A Pressure Relief Capability-Symmetrical rms (kA) Voltage - Line 245 kV

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138 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

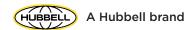
use on AC systems

Literature - Protecta*Lite

Literature - Protecta*Lite Line Arrester Performance Study

Video - Hubbell Power Systems Metal Oxide Varistor

Video - Ohio Brass Protecta*Lite® Systems Surge Arresters



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