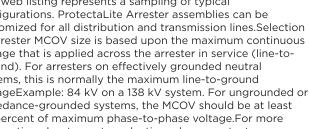


Protecta*Lite Arrester (76 kV MCOV)

By OHIO BRASS Catalog # 602076A2F6001

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-toground). For arresters on effectively grounded neutral systems, this is normally the maximum line-to-ground voltageExample: 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

Above 35 kV

General

Current

EU RoHS Indicator Contact Manufacturer Line Arresters Type UPC 096359455370

Electrical Ratings

Creep and Leakage Distance 126.0 in (3200.4 mm) **Duty Cycle** 96 kV 48-62 Hz Frequency Rating

MCOV 76 kV Maximum .5 Microsecond 303.0 kV Discharge Volts @ Classifying

Maximum Discharge Voltage

227 kV @ 1.5 kA

242 kV @ 3 kA

• 256.6 kV @ 5 kA

282 kV @ 10 kA

317.5 kV @ 20 kA

• 377.5 kV @ 40 kA

Maximum Switching Surge Protective Level @ 500A

Pressure Relief Capability-Symmetrical rms (kA)

Voltage - Line

217.5 kV

20

115 kV

Certifications and Compliance

Industry Standard(s) IEEE/IEC

Product Assets

Case Studies - Performance & Revenue Enhancements Utilizing Line Surge Arresters - White Paper (CH01070E) Catalogs - Protecta*Lite Line Surge Arresters (35) (CA01130E) 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 (SF08019E)

Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems (TD01135E)

Literature - Protecta*Lite Line Arrester Performance Study (SF01064E)

Video - Hubbell Power Systems Metal Oxide Varistor (VI01022E0718)

Video - Ohio Brass Protecta*Lite® Systems Surge Arresters (VI01020E0118)

