## **HUBBELL Power Systems**

# Protecta\*Lite Arrester (76 kV MCOV)

By OHIO BRASS Catalog # 642076G1G2001

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.

#### **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 Suspension
Type Line Arresters
UPC 096359602859



### **Electrical Ratings**

Creep and Leakage Distance 126.0 in (3200.4 mm)

Duty Cycle 96 kV
Frequency Rating 48-62 Hz
MCOV 76 kV
Maximum .5 Microsecond 303 kV

Discharge Volts @ Classifying

Current

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 217.5 kV

Protective Level @ 500A Pressure Relief Capability-

Pressure Relief Capability- 20 Symmetrical rms (kA)

Voltage - Line 115 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

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

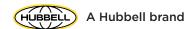
Literature - Protecta\*Lite Line Arrester Performance Study

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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