

## Protecta\*Lite Arrester (76 kV MCOV)

By OHIO BRASS  
Catalog # [602076B5N0002](#)

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.



### Application

Above 35 kV

- 256.6 kV @ 5 kA
- 282 kV @ 10 kA
- 317.5 kV @ 20 kA
- 377.5 kV @ 40 kA

### General

Catalog Number 602076B5N0002  
Type Line Arresters  
UPC 096359672685

Maximum Switching Surge Protective Level @ 500A 217.5 kV  
Pressure Relief Capability- Symmetrical rms (kA) 20  
Voltage - Line 115 kV

### 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

### Certifications And Compliance

Industry Standard(s) IEEE/IEC

### Product Assets

[Catalogs - Protecta\\*Lite Line Surge Arresters](#)  
[Specifications - 602076B5N0002](#)  
[Technical Publications - The Evolution of Line Surge Arrester Technology](#)