



\* Representative image

# Protecta\*Lite Arrester (24.4 kV MCOV)

by OHIO BRASS  
Catalog ID: 602024A1H0001

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.

- To learn more about how Protecta\*Lite improves line performance, click here to visit our blog.

## Product Details

### General

|             |                 |
|-------------|-----------------|
| Application | 35 kV and Below |
| Type        | Line Arresters  |
| UPC         | 096359488156    |

### Electrical Ratings

|                                                              |                                                                                                                                                                                                    |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Creep and Leakage Distance                                   | 42.0 in (1066.8 mm)                                                                                                                                                                                |
| Duty Cycle                                                   | 30 kV                                                                                                                                                                                              |
| Frequency Rating                                             | 48-62 Hz                                                                                                                                                                                           |
| MCOV                                                         | 24.4 kV                                                                                                                                                                                            |
| Maximum .5 Microsecond Discharge Volts @ Classifying Current | 101.0 kV                                                                                                                                                                                           |
| Maximum Discharge Voltage                                    | <ul style="list-style-type: none"><li>• 75.7 kV @ 1.5 kA</li><li>• 80.7 kV @ 3 kA</li><li>• 85.5 kV @ 5 kA</li><li>• 94 kV @ 10 kA</li><li>• 105.8 kV @ 20 kA</li><li>• 125.8 kV @ 40 kA</li></ul> |
| Maximum Switching Surge Protective Level @ 500A              | 72.5 kV                                                                                                                                                                                            |
| Pressure Relief Capability-Symmetrical rms (kA)              | 20                                                                                                                                                                                                 |
| Voltage - Line                                               | 34.5 kV                                                                                                                                                                                            |

### Certifications and Compliance

|                      |          |
|----------------------|----------|
| Industry Standard(s) | IEEE/IEC |
|----------------------|----------|

For further technical assistance, please contact us

#### Domestic Customer Service

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