



\* Representative image

# Protecta\*Lite Arrester (42 kV MCOV)

by OHIO BRASS  
Catalog ID: 602042J7E0001

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	Above 35 kV
Type	Line Arresters
UPC	096359483779

### Electrical Ratings

Creep and Leakage Distance	70.7 in (1795.8 mm)
Duty Cycle	54 kV
Frequency Rating	48-62 Hz
MCOV	42 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	170.6 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> <li>• 127.6 kV @ 1.5 kA</li> <li>• 136.1 kV @ 3 kA</li> <li>• 144.4 kV @ 5 kA</li> <li>• 158.6 kV @ 10 kA</li> <li>• 178.4 kV @ 20 kA</li> <li>• 212.3 kV @ 40 kA</li> </ul>
Maximum Switching Surge Protective Level @ 500A	122.4 kV
Pressure Relief Capability-Symmetrical rms (kA)	20
Voltage - Line	69 kV

### Certifications and Compliance

Industry Standard(s)	IEEE/IEC
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For further technical assistance, please contact us

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