

PROTECTA*LITE[®]

ELIMINATES LIGHTNING INTERRUPTIONS

Protecta*Lite Arresters safeguard transmission and distribution lines by protecting the air around the insulator from lightning related flashovers by safely diverting the surge to ground in a controlled manner. Custom designs are available for applications ranging from 2.4 kV to 500 kV. Protecta*Lite improves line performance, even when faced with adverse environmental conditions. Product highlights include:

- Offers protection on shielded or unshielded lines
- Improves system reliability
- Field proven MOV technology
- Reduces operating costs
- Experienced support team

CUSTOM SOLUTIONS

Protecta*Lite is custom designed to meet specific needs for each application. Each Protecta*Lite design takes the following into consideration:

- Supplied with/without an insulator
- Supplied with/without hardware
- Customer specific energy handling needs
- System voltage
- Line configuration
- Adverse environmental factors - wind, ice, pollution, etc.

FEATURES & BENEFITS

- Clears from the line in the unlikely event of an arrester failure
- Reduces or eliminates lightning flashover
- Costs less than retrofitting an OHSW on existing lines
- Installs easily
- Maintenance free design
- Available for retrofit applications
- Supplied with an insulator for new line construction as needed



Hubbell has a policy of continuous product improvement. Please visit hubbellpowersystems.com to confirm current design specifications.

SF_08_019_E

CUSTOM SOLUTIONS TO MEET YOUR APPLICATION NEEDS

Fill in the following information and send to your territory manager to begin your next Protecta*Lite® project.

Utility Name _____

Location of Application _____ Date _____

Requested by _____ Email _____

Line to Line System Voltage _____ MCOV (Uc) _____

Tower Type (H-frame, double circuit, etc.) _____ Conductor Spacing (ft) _____

Structure

Existing New

Insulator

Included in design Existing Part Number

System Configuration

Wye Delta

System Neutral

Grounded Ungrounded/Impedance Grounded

Overhead Shield Wire

Existing Not Included in design

Highly contaminated Area?

Yes No

Arrester Class

IEEE: Station Intermediate Distribution

IEC: Station High Station Medium Station Low Distribution High Distribution Medium Distribution Low

Configuration

Suspension Dead-end Cross Arm Mount Davit Arm Horizontal Assembly Post Vertical Tangent

*Please refer to Catalog 35 for photo examples

