

# Field Lightning Arrestor



## COMPLIANCES

Exceeds requirements of AC 150/5345-10 (current edition), Section 3.4.12 (Lightning/Surge Arrestors)

## PRODUCT APPLICATION

The Hughey & Phillips Field Lightning Arrestor is designed to help provide circuit protection from transient activity (such as lightning strikes or power surges) that can potentially damage lighting fixtures on an airfield and equipment located in an electrical vault.

It is recommended that arrester units be installed on the 5kV primary series circuit, starting as close to the vault as possible and then approximately every 2,000 feet (600m). Arrestors may be installed at closer intervals, if desired, to further reduce the risk of lightning/surge damage.

## FEATURES

- May be installed on any airfield circuit (6.6A from 4 kW to 30 kW and 20A from 15 kW to 70 kW).
- No maintenance required. If a unit fails, simply replace it with a new one.
- A unit may be installed in a base can or direct earth buried.
- The enclosure is made from fiberglass-reinforced plastic and is waterproof (meets IP68).
- Arrestors are compatible with all types of Constant Current Regulators, light fixtures (Quartz and LED), and isolation transformers.
- A ¼"-20 stainless steel stud provides solid ground connection for #6 AWG or larger ground wire.
- Maximum continuous operating voltage: 5000VAC
- Series resistance: "0" Ohms
- Peak surge current: 25kA

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POWER & CONTROL EQUIPMENT - 4.9

## ORDERING INFORMATION

Description	Part Number
Arrestor	A3-06-1162-001

## WEIGHT AND DIMENSIONS

Weight: Approximately 5 lbs. per unit

Dimensions:	
Length	5.91 inches
Height	5.91 inches
Depth	3.94 inches