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Accessories

Lightning Arrestor – Sheriff



Sheriff lightning arrestor is designed to be connected to AGL circuits, heliports and helipads providing protection to secondary circuits against hazardous overvoltages and currents, for example direct lightning strikes, inducted voltages from both primary and secondary sides.

Main benefits

- Compact design
- Easy and fast installation
- Top level protection performance for your circuit
- Strong encapsulation materials fit to all operational environments
- Operational status can be verified by a portable tester*

* Please contact EFLA for more information on the portable tester

Dimensions and connections

Height (H)	40 mm (1.6")
Length (L)	160 mm (6.3")
Width (W)	80 mm (3.2")
Colour	Yellow
Male connector	FAA Style 1
Female connector	FAA Style 7
Earthing connector	M5 Brass screw



Electrical characteristics

Operational voltage	Max 190Vac rms
Operational peak voltage max	Max 275Vac
Operational frequency	50/60Hz
Power consumption at 6.6AAC	2W
Voltage drop at 20A DC Plug	220mV L-823 style 1
Receptacle	Style 1 and 7
Earthing contact	Brass screw terminal according EN61283
DC discharge voltage at 100 V/s	Min 275Vdc Max~415Vdc
Insulation resistance (IR) 100 V	>10 ⁹ Ω
Capacitance	i MHz < 5pF
Impulse discharge current (Line to ground)	20,000 A, 8/20 μs > 10 operations 4,000 A, 10/350 μs > 10 operations 8,000 A, 8/20 μs > 10 operations 12,000 A, 10/350 μs > 10 operations
Operating and storage temperature	-40 to +85 °C
Drop test 2M 10 times	Pass