


Technical Data

SURGE ARRESTER
MODEL 2301-08-B AND 2301-08-C
 120 Vac or 24 Vdc



- Application - Lightning and general purpose surge protection for power circuits on aircraft and ground support equipment.
- Application References
 2301-08-B Replaces Model 2301-08 in older applications other than F-15
 Cage 80063 / A3145328
 2301-08-C NSN 5920-01-350-1256
 Cage 76301 / ST5M1328-002; Cage 26512 / NGA817L
 2301-08-C has a high strength Be-Cu housing for extreme vibration environments

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|----------------------------------------|-------------------------------------------------------------------------------------|---------|--------------------|
| • Nominal System Voltage Rating | | 120 Vac | 24 Vdc |
| • Maximum Continuous Operating Voltage | | 132 Vac | 28 Vdc |
| • Source Impedance | | <50 kVA | unlimited |
| • System Frequency Rating | | | DC - 400 Hz |
| • DC Sparkover | 100 V/s | | 350 - 450 V |
| • Insulation Resistance | 50 Vdc | | >10 ⁹ Ω |
| • Capacitance | 1 kHz | | <12 pF |
| • Impulse Sparkover | 10 V/μs | | <500 V |
| | 100 V/μs | | <650 V |
| | 1 kV/μs | | <750 V |
| | 10 kV/μs | | <1000 V |
| • Discharge Voltage | 1.5 kA, 8/20 μs | | <500 V |
| | 3 kA, 8/20 μs | | <1000 V |
| | 5 kA, 8/20 μs | | <1800 V |
| | 15 kA, 8/20 μs | | <5000 V |
| • Surge Life | 3 kA, 8/20 μs | | >100 times |
| • Operating Temperature | | | -55 to +70 C |
| • Operating Altitude | | | <25,000 m |
| • Weight | | | 75 g |
| • Symbol |  | | |

