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HVIB - Hybrid Voice Interface Box

Part #AT92710

Military junction box with surge suppression technology for your communication lines and connected devices.

Application: The AT92710 protects communication lines from transients caused by direct or indirect lightning strikes and other electrical surges, while supplying connections for up to 24 phone lines and one intercom connection.

Installation: The HVIB can be hung by attaching a strap to D-rings for field mounting, or it can be attached to any flat surface with optional wall mounting case.

Technology: High capacity, fail safe gas discharge tubes are combined with solid state sidactors and fast acting fuses and resisters to form three stages of protection. The HVIB is a compact, powder coated stainless steel enclosure that uses one 53 pin Mil-Circ (MIL-DTL-38999 series I) connector and one U 187A/G connector for throughput communication. Each pair of telephone protectors is mounted on a field replaceable assembly for quick replacement in the unlikely event of a circuit failure.

Features:

- Erasable writing plate
- Butterfly latch that can be operated with one hand
- Brush assembly at cable entry to protect against elements (dirt, dust, sand)
- Mil-spec grounding stud
- Gasketed lid to protect against rain when suspended by D-rings
- U187A/G connector for backwards compatibility with older communication systems
- 53-pin Mil-Circ connector for compatibility with modern communication systems



SPECIFICATIONS

Circuit Type: 3 Stage Hybrid
Lines Protected: 50 (24 pair dial-up lines & 1 pair intercom line)
Connectors: 24 RJ11/RJ45 modular jacks & 2 compression terminals
Surge Capacity: 20kA 8/20 μ s impulse per wire
Clamp Voltage: 270V @ 3kA 8/20 μ s impulse
Rated Voltage: 200V peak
Max. Frequency: 7.5MHz
Nominal Resistance: 10 Ohm
Dimensions: 11 5/16" x 7 1/4" x 4 7/16"
Weight: 7.5 lbs.