INTRODUCING

UNSEALED INTERCONNECTION SYSTEM EXTENSIONS

- **Meet the needs for increased density and flexibility**
- **Deliver safety and reliability in some of the harshest environments**



The need for better ergonomics in production, more efficient production processes, and higher flammability ratings are driving the development of brand-new extensions to our Unsealed Interconnection System. For engineers working with bulkhead and control unit applications in on- and off- road vehicles, the Unsealed Interconnection System meets the needs for increasing density and flexibility to help you stay ahead of the industry trends.

Utilizing our field-proven AMP MCP 1.5K, 2.8, 6.3 and 9.5 contacts, PCON 12 terminals, and the newest addition – MCON 1.2 terminals – this series ensures flexibility with the option to choose between 1-48 position connectors. Withstanding cabin-level vibration and meeting the needs of high-power applications, these connectors deliver safety and reliability alongside overall cost-effectiveness.

KEY BENEFITS

- Ensure complete design flexibility with a broad range of unsealed, rugged and flexible connectors, including 1- 48 positions
- Enable wire-to-board configurations for both 90° & 180°
- Improve contact alignment with integrated secondary locking features
- Provide additional security with flame retardant V-0 material, reflow options and a screw hole design
- Ensure high reliability for long-term use with vibration resistance for in-cabin use
- Help prevent mismatch with up to 6-polarization and color key mating configurations available
- Reduce mating force with an improvement of well-established lever system of the 18, 21, 36 and 48 position monoblock connectors

TARGET MARKETS

- Truck
- Bus
- Agriculture
- Construction
- Automotive
- Industrial
- Railway
- Specialty Vehicles
- Marine

APPLICATIONS

- Wire-to-wire
- In-cabin
- Control unit
- Bulkhead
- Electrical vehicle power distribution unit (PDU)
- Electrical vehicle battery box
- Industrial machinery
- PLCs
- Rail/Metro cabins
- Navigations systems

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