



The Sealed Buss Bar: Sealed Power Distribution for Harsh Environments

Equipment exposed to mud, salt, frequent washdowns, and constant vibration quickly pushes traditional grounding and power distribution to their limits. The Sealed Buss Bar provides a fully sealed, maintenance-free solution that simplifies installation while enhancing long-term reliability and electrical performance. Now part of the Solico product catalog, it pairs robust sealed architecture with pre-crimped harness connections to streamline assembly and deliver more consistent system performance over time.

Key features include:

- Fully sealed bus bar assembly and sealed terminations.
- Corrosion-proof ground and return system for stable ground potential.
- Proven performance in marine and electric vehicle applications.
- Options for 150V and 300V systems.

Reliability in Tough Conditions

Exposed conductive surfaces and connection points are vulnerable to moisture, mud, salt, and debris, which can accelerate corrosion and cause intermittent electrical faults. The Sealed Buss Bar protects these surfaces within a sealed assembly, significantly reducing corrosion and electrical issues over time.

Its corrosion-proof ground and return system maintains low impedance and stable ground potential, helping minimize electrical noise and improve diagnostic reliability for sensitive electronics. Built to endure thermal cycling, shock, and vibration, it delivers reliable performance in equipment exposed to weather, washdowns, and road spray.

Faster, Cleaner Installation for OEMs

For OEMs, the Sealed Buss Bar simplifies production with pre-crimped wiring and harness connections that enable quick, plug-and-play installation. This approach reduces variability from manual crimps, wiring errors, and assembly time on the line.

The centralized grounding and return path also helps clean up system architecture and improve accuracy of analog readings, such as fuel level, by reducing parallel ground paths and differences in ground potential. A maintenance-free design minimizes the need for periodic cleaning, tightening, and inspection of exposed bus or chassis ground points, lowering service requirements and helping keep equipment in operation longer.

Installation and maintenance benefits:

- Plug-and-play pre-crimped harness connections.
- Reduced wiring variability and errors.
- Centralized ground and return path.
- Maintenance-free sealed design.

Configurations and Applications

The Sealed Buss Bar is available in two main configurations: a single unit with one 12-pin connector and a double unit with two 12-pin connectors. It supports 150V and 300V capabilities and can be connected through either Deutsch or Amphenol mating connectors. Color customization is available to aid with wire harnessing connection points or other product synergies.

It has proven successful in marine and electric vehicle markets and is well suited for:

- Marine bilge systems.
- Front-end loaders and skid steers.
- Tractors and agricultural equipment.
- Golf carts, ATVs, and side-by-sides.

Backed by the Solico brand, the Sealed Buss Bar offers OEMs an integrated, supported path to more reliable sealed power distribution and grounding in harsh environments.

Wesgarde's Role

Serving markets such as transportation, industrial automation, marine electronics, food equipment, construction, agriculture, and alternative energy, Wesgarde is the distributor of choice for OEMs and manufacturers that demand engineered reliability and custom solutions. As a trusted leader and Solico partner, Wesgarde is the go-to source for the Sealed Buss Bar, giving OEMs a knowledgeable, responsive team that can specify, supply, and support sealed power distribution and grounding products for their harsh-environment applications.