

Phase Busbar

Molded, multi-phase busbars provide reliable electrical connection performance in harsh environments while accommodating tight size and weight constraints, along with full custom design flexibility.

PROVEN AND RELIABLE



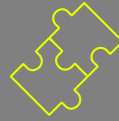
Our multi-phase busbar technology has demonstrated excellent performance, lifecycle reliability and cost effectiveness in today's EVs.

ELIMINATES WIRING AND ASSEMBLY ERRORS



The complete solution approach of our custom phase busbars eliminates costly and error-prone secondary wiring operations.

FULLY CUSTOMIZABLE



Our vertically integrated phase busbars are 100% customizable in terms of configuration, materials, stamping, molding, and assembly.

APPLICATIONS

High-voltage traction drive motors, integrated drive modules, low-voltage motion control, servo-steering motors, on-board chargers, transformers, fuses, power junction centers, power converters, inverters and distribution:

- + Electric vehicles
- + Commercial transportation

Low-voltage motion control, servo-steering motors, transformers, fuses power converters and inverters:

- + Personal mobility

Transformers, fuses, junction boxes, power converters and inverters:

- + Energy storage

HIGH PERFORMANCE PLASTIC

- + Molded, over molded and assembled construction.
- + High temperature construction.
- + Various advanced sealing options:
Dispense and cure, integrated gaskets and o-rings.

MULTI-PHASE POWER INTERFACE

- + Stamped and machined contact designs in straight, 90 degree and custom angles.
- + Copper and aluminum contact.
- + Straight, 90 degree and custom angles.
- + Flexible busbar connection options.

CUSTOMIZED INTEGRATED SOLUTION

- + Fully customized and can feature various options.
- + Low- and high-voltage application options.
- + Integrated control circuit connectors to increase functionality while minimizing size, weight and complexity.
- + Integrated laminate magnetic cores minimize eddy currents and enable integrated current sensing capabilities.
- + Bolted, brazed & laser welded connection options.

