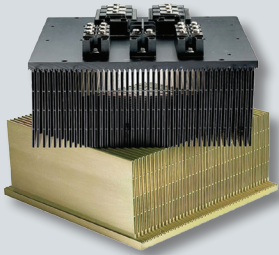




Ferraz Shawmut | Eldre | Idealec | FTCAP

SAFETY,  
RELIABILITY  
AND PROTECTION  
FOR INDUSTRIAL  
APPLICATIONS



**Serving the Power  
Electronics Market**

- Cooling
- Bus Bars
- Fuses

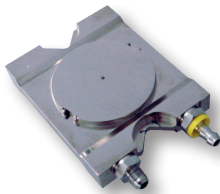
# SOLUTIONS FOR POWER MANAGEMENT FROM MERSEN

## INDUSTRIAL ENVIRONMENT: DEMANDING QUALITY AND PERFORMANCE

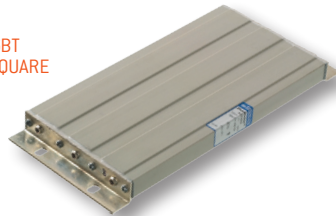
The rough and rugged world of the industrial environment demands a constant and consistent supply of quality products delivered right to the production floor. Mersen's industrial bus bars, heat sinks, and high speed fuses continue to deliver the ultimate solution to manufacturers of motor drives, fork lift trucks, welding machines, power generators, industrial testing machines, and more. Mersen's laminated bus bar designs provide application-specific characteristics, achieving a consistent level of performance that cannot be matched through wires, cables or simple bars of copper. The extended range of Mersen's customized cooling solutions, from the cost-effective air cooled heat sinks to high performance water cooled plates guarantee the optimized design for each application.

As Silicon Carbide (SiC) technology becomes more and more accepted in today's industrial applications, all Mersen laminated bus bars models are optimally designed to minimize unwanted "skin effect" resulting from high switching nature of Silicon Carbide applications. In addition our heat sink technology provide superior cooling designs with glue-less swaged fins heat sinks and embedded heat pipe solutions to achieve higher cooling performance for SiC applications. Mersen's broad range of true and tested high speed fuses offer sensitive electronics an unsurpassed level of protection against damaging overcurrent. Here are some of our solutions:

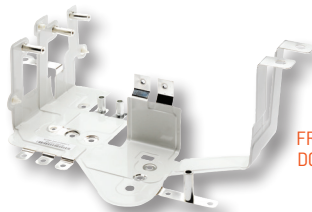
COLD PLATE FOR IGBT STACKS



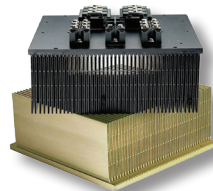
PROTISTOR® IGBT DISCONNECTION SQUARE BODY FUSE



HIGH PERFORMANCE DC FUSES



VARIABLE FREQUENCY DRIVE DC & AC BUS BARS



SWAGED (GLUE-LESS) AIR COOLED HEAT SINKS



HIGH SPEED SQUARE BODY FUSES



ALTERNATIVE ENERGY



TRANSPORTATION



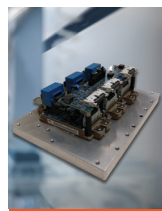
INDUSTRIAL



DESIGN • SIMULATIONS • TESTING •



MILITARY



SOLUTIONS FOR SiC APPLICATIONS

Mersen is your supplier of choice for power management solutions for various industries. Contact us at [ep.mersen.com](http://ep.mersen.com) for more information.