

Corporate Profile

ELDRE Corporation

Quality power distribution solutions since 1952.



Low-profile, laminated busbar.

ELDRE Corporation was founded as a contract soldering and brazing company and has been manufacturing laminated bus bars since their inception in the late 1950's. The company maintains 110,000 square feet of vertically integrated manufacturing dedicated to solving the power distribution needs of its customers. The addition of ELDRE S.A., 35,000 square feet facility located in Angers, France, allows for world-wide distribution and dual-continent manufacturing necessary with today's global sourcing. Its proven ability is a result of total in-house capability.

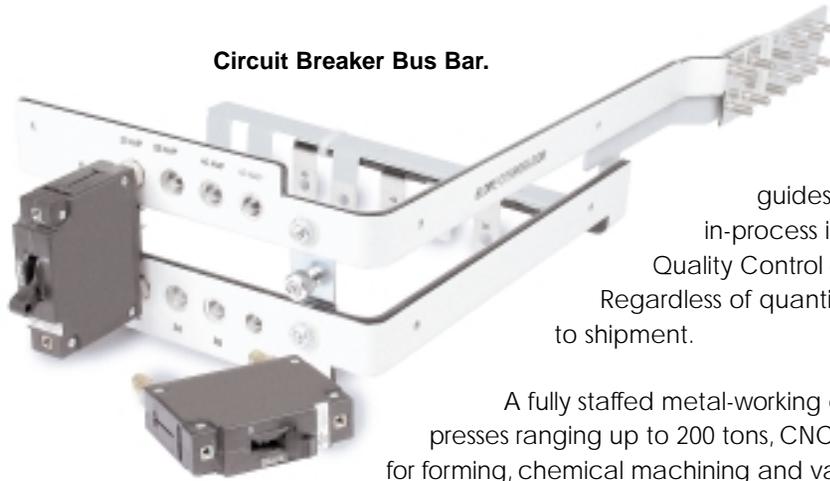
Laminated bus bars are engineered components consisting of layers of fabricated copper separated by thin dielectric materials, laminated into a unified structure. Sizes and applications range from surface mounted bus bars the size of a fingertip to multi-layer copper "rings" that exceed twenty feet in diameter that are used in large radar systems. Laminated bus bar solutions are routinely used for low volumes up through tens of thousands per week.

ELDRE's reputation for quality comes from a half-century of ever growing design and manufacturing experience, as well as state-of-the-art equipment in both the United States and Europe. They manufacture multi-layer and single-layer laminated bus bars, as well as complete power distribution assemblies (PDAs). PDAs are integrated solutions that incorporate bus bars and discrete components such as circuit breakers, electrolytic capacitors, current sensors, jumper cables, filters and connectors into complete power management systems that can be vertical, rack mount or modular in design.

The ELDRE team of experienced design and manufacturing professionals designs the components and details the methods, procedures and processes employed to meet the exacting requirements and specifications of its customers: the manufacturers of computers, telecommunication and internet equipment, power electronics, high-speed rail, automotive, aircraft and various types of military equipment. Design communication is easily established through

either Pro Engineer or Autocad software via engineering@busbar.com. An innovative group of tooling engineers designs the equipment and tooling used through each phase of manufacturing. A wide-ranging machine tool capability affords great versatility, enabling ELDRE to meet virtually any bus bar require-

Circuit Breaker Bus Bar.



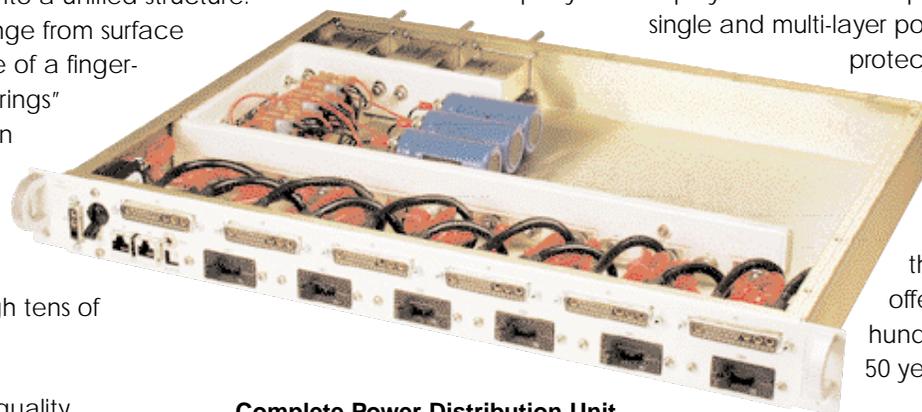
ment regardless of size, shape or thickness

Its ISO-9001 registered quality system guides the numerous mechanical and electrical in-process inspection operations performed by Quality Control during the manufacturing cycle.

Regardless of quantity, each bus bar is electrically tested prior to shipment.

A fully staffed metal-working department houses production punch presses ranging up to 200 tons, CNC fabricating machines, CNC press brakes for forming, chemical machining and various edge conditioning processes. A wide scope of metal joining processes is offered too, such as ultra-sonic welding, induction brazing, torch brazing and soldering.

ELDRE utilizes a variety of insulation materials in the assembly of laminated bus bars such as Nomex, Tedlar, Mylar, Kapton, Epoxy Glass and phenolics. Properly selected insulation meeting electrical parameters is either die-cut or slit under controlled humidity and temperature conditions. In addition to sheet insulation, the company also employs electro-static epoxy powder coatings applied to produce single and multi-layer powder coated bus bars with high dielectric protection.



Complete Power Distribution Unit.

Its quality-engineered solutions conclude with dock-to-stock shipments that give customers complete peace of mind that nothing has been left out in the quest for customer satisfaction. ELDRE offers you the same peace of mind that hundreds of other companies have shared for 50 years.



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