Industrial Product Portfolio

FUSES & FUSE HOLDERS
PROTECTION RELAYS
ELECTRONIC CONTROLS
SURGE PROTECTION DEVICES

LEARN MORE: littelfuse.com/industrial
Industrial Product Portfolio

The Industrial division of Littelfuse delivers vital products to address customer needs for protection, safe control and distribution of electrical power in industrial applications. Our product portfolio includes a comprehensive line of fuses, fuse holders, protection relays, timers, and surge protection devices. This portfolio is designed to minimize electrical safety hazards, limit equipment damage, improve productivity, and safeguard personnel from injury due to electrical faults.

Technically speaking, professionals in construction, manufacturing, mining, oil & gas, solar, and many more industries rely on Littelfuse for rugged, lasting protection for their designs and critical applications.

Our Products Improve Safety While Reducing Costs and Hazards in the Workplace

- **Improve Safety**
  - Shock Hazard
  - Injury to Personnel
  - Arc-Flash Hazards
  - Open-CT Hazards
  - Failed Resistors
  - High SCCR Devices
  - Touch Safe

- **Reduce Cost**
  - Fault Damage
  - Equipment Replacement
  - Calibration Costs
  - Compliance Citations
  - Motor Rewinds
  - Inventory Consolidation
  - Footprint Reduction

- **Minimize Downtime**
  - Replacement Time
  - Nuisance Tripping
  - Intermittent Faults
  - Unreliable Protection
  - Calibration Time
  - Fuse Indication
  - Fuse Cycling

...Across Many Industries

- Construction
- Data Centers
- EV Charging
- Food & Beverage
- HVAC/R
- Manufacturing
- Medical
- Mining
- Oil & Gas
- Power Generation
- Pulp & Paper
- Solar, Wind, & Energy Storage
- Telecom
- Water/Wastewater

An Extension of Your Team

**Technical Hotline (800-TEC-FUSE or 800-832-3873)**
Littelfuse engineers are a phone call away to help identify potential issues and provide product recommendations to resolve problems.

**Application and Field Support**
Our experienced product and application engineers work step-by-step with customers from design to installation to determine the best solution.
Industrial Success Stories

**Solar: Shining Light on Power Protection**
When one of the leaders in the solar industry was designing their next generation panels, they came to Littelfuse because of our history of innovation and experience with over 25 million devices installed in photovoltaic power systems worldwide. The Littelfuse patented fuse technologies were chosen as the preferred solution because they work seamlessly within a wire harness for unsurpassed reliability.

**HVAC/R: Climate of Reliability**
A major furnace manufacturer has a reputation for extreme environmental testing of their products before the design makes it to market. They know to trust the reliability of Littelfuse fuse, relay and timer components in their designs to provide the ultimate protection that stands up to rigorous testing. Our OEM customers rely on the Littelfuse reputation for making extreme reliability an everyday practice.

**Construction: Protection Built for Safety**
One of the top teaching hospitals in the United States, offering leading-edge care to more than 100,000 patients each year in the emergency room alone, was constructed using Littelfuse LCP Series Panels to keep their critical systems safely powered. They trusted the Littelfuse coordination panels to provide coordination between their Emergency Systems and Healthcare Essential Electrical Systems required by NEC. The Littelfuse UL Listed solution provided cost savings and increased safety; overall, improving the health of their systems.

**Manufacturing: Assembly of Protection**
A brick manufacturing plant in the Western United States processes clay into bricks and other building materials for residential and commercial projects. The Littelfuse SB6100 is installed between the motor control center and the wet saws on the factory floor as shock protection for their workers. High-speed fuses and the PGR-8800 arc-flash relays are found in their switchgear for advanced circuit protection and improved worker safety from arc-flash incidents.

**Oil & Gas: Refined Power Protection**
Littelfuse industrial products such as ground-check monitors are used by one of the largest producers of crude oil from oil sands. Our high-resistance grounding packages are found on oil and gas drilling rigs to reduce ground-fault troubleshooting time by 90%. Refineries producing 140,000 barrels a day rely on Littelfuse to protect their variable-frequency drives from ground faults. Fracking firms depend on Littelfuse circuit protection for service mains and injection panels. Upstream, midstream, or downstream. No matter where safety is needed, Littelfuse is there to deliver reliable protection.

**Mining: Power and Protection Run Deep**
When the world’s largest fertilizer company is mining for potash 1000 meters underground, they come to Littelfuse because of our reputation for quality and engineering expertise. There is no room for poor quality in mining. Littelfuse products are an integral part of the electrical systems that power and protect critical applications in the harshest underground and above ground mining environments. The world’s top mining companies trust Littelfuse for protection from electrical hazards.

**Water/Wastewater: Reclaiming Productivity and Protection**
One of the Top 200 electrical wholesalers recommends Littelfuse MotorSaver® and PumpSaver® relays with confidence because it saved their customer from replacing a 200 hp motor valued at $30,000. Their customer experienced a phase loss situation and fortunately had a MotorSaver 201A-AU installed on a motor in their treatment plant. The MotorSaver relay was a wise investment that saved the cost of the motor and kept the plant humming.

*NEC is a trademark of its respective owner.*
**Fuses & Fuse Holders**

**UL Class Fuses**
Littelfuse manufactures a complete selection of UL Class fuses for protecting electrical systems and personnel. Innovative features such as indication improve productivity while enhancing the safety of systems.

Littelfuse.com/Fuses

**POWER-SPEED® Fuses**
Littelfuse high-speed fuses protect critical power semiconductor devices against short circuits in applications including inverters, variable-speed drives, UPS, and DC drive systems.

Littelfuse.com/Powr-Speed

**Medium Voltage Fuses**
E-rated and R-rated medium voltage fuses from Littelfuse protect transformers, potential transformers, feeders, and motor circuits. Designs are available to cover a wide range of current, voltage, interrupting rating, and mounting configurations to fit unique applications.

Littelfuse.com/MediumVoltage

**10 x 38 mm Fuses**
An extensive range of 10 x 38 mm fuses provides compact supplemental protection for a wide variety of applications. Availability in time-delay, fast-acting, board-mount, or solar versions, with ratings ranging from 125 to 1000 volts and 1/10 to 30 amperes, allows for a variety of design options.

Littelfuse.com/Fuses

**Solar Fuses**
A leader in photovoltaic fuse technology, Littelfuse offers fuses and holders up to 1500 V dc for both high-current and low-current applications.

Littelfuse.com/Solar

**Fuse Blocks & Holders**
Original equipment manufacturers and designers select Littelfuse fuse blocks and holders for their compact designs, indication feature, and the flexibility of DIN-rail mounting.

Littelfuse.com/FuseBlocks

**Custom OEM Product Solutions**
Littelfuse understands that existing solutions may not solve all design challenges. Leveraging years of experience, our engineering team can collaborate with customers to develop a unique solution for specific applications such as those found in HVAC systems, lighting fixtures, or high volume OEM opportunities.

Littelfuse.com/IndustrialOEM

**Distribution & Splicer Blocks**
POWR-BLOKS power distribution blocks offer a safe, convenient way for splicing cables and managing power distribution requirements within panels and systems. Touch-safe blocks and available covers enhance the safety by reducing the risk of accidental contact.

Littelfuse.com/PowrBloks

**Electrical Switch Panels**
The shunt trip disconnect switch and coordination panels provide a simple, time-saving and economical solution for applications that require strict adherence to codes and standards. Common applications include elevators, data processing, and emergency systems.

Littelfuse.com/LPS
Protection Relays & Controls

**Feeder Protection**
Protect circuits from overcurrent, ground faults, phase loss, overload, and other detrimental conditions.
Littelfuse.com/FeederProtection

**Ground-Fault Protection Relays**
Sensitive ground-fault relays featuring advanced filtering will quickly and reliably detect the breakdown of insulation resistance caused by moisture, vibration, chemicals, or dust.
Littelfuse.com/GroundFaultProtection

**Arc-Flash Protection Relays**
Our Arc-Flash Relays can detect a developing arc-flash incident and send a trip signal to interrupt power before significant damage occurs.
Littelfuse.com/ArcFlash

**Industrial Shock-Block® GFCI**
The first permanently connected special-purpose GFCI that meets UL Standard 943C Class C and Class D—designed for people protection in industrial facilities.
Littelfuse.com/ShockProtection

**Resistance Grounding/Monitoring**
Limit the ground-fault current in order to prevent unwanted fault damage. High-resistance grounding eliminates arc-flash hazards and transient overvoltages associated with ground faults.
Littelfuse.com/ResistanceGrounding

**Motor & Pump Protection**
A wide range of protection relays offers intrinsically safe relays, liquid-level controls, and load sensors the right protection for low-voltage applications.
Littelfuse.com/MotorProtection Littelfuse.com/PumpProtection

**Timers & Flashers**
Delay starting and stopping loads, cycling, and sequencing of motors, pumps, compressors, heaters, and lighting.
Littelfuse.com/TimersFlashers

**Single-Function Relays**
Provide a compact and cost-efficient solution typically used on low-voltage applications and include enhanced overload relays, alternating relays, and voltage and phase monitors.
Littelfuse.com/SingleFunctionRelays

**Ground-Check Relays**
Continuously monitor the integrity of the ground conductor to protect portable equipment from hazardous voltages caused by ground faults.
Littelfuse.com/TrailingCableProtection

**Surge Protection Devices**

**Type 2 Surge Protection Devices**
These branch circuit surge protection devices (SPDs) safeguard components from transient overvoltage or surges by limiting the fault current to a load or the unit being protected.
Littelfuse.com/SPD
LOC</p>AL RESOURCES FOR A GLOBAL MARKET

Protection Relays & Controls Catalog (PF130N)
The comprehensive line of electronic and microprocessor-based protection relays safeguard equipment and personnel to prevent expensive damage, downtime, or injury due to electrical faults.

Fuses and Fuse Holders Catalog (PF101N)
Littelfuse offers a complete circuit protection portfolio of industrial power fuses, including time-saving indication products for an instant visual blown-fuse identification.

Surge Protection Devices Catalog (PF612)
These surge protection devices safeguard components from transient overvoltage or surges.

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