

# Littelfuse INDUSTRIAL PRODUCTS

Available at Werner Electric Supply



### Dependable Protection, Safety & Control

The Littelfuse product portfolio includes a comprehensive line of fuses, fuse holders, protection relays, timers and custom-engineered power centers to minimize electrical safety hazards, limit equipment damage, improve productivity, and safeguard personnel from injury due to electrical faults.

- Fuses & Fuse Holders
- Protection Relays
- Electronic Controls



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### **Fuses & Fuse Holders**



#### **UL Class Fuses**

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.



#### **Medium Voltage Fuses**

E-rated and R-rated medium voltage fuses from Littelfuse protect transformers, potential transformers, feeders and motor circuits. Designs cover a wide range of current, voltage, interrupting rating, and mounting configurations.





#### **POWR-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.

#### 10 x 38 mm Fuses

An extensive range of 10 x 38 mm fuses provide compact supplemental protection for a wide variety of applications. Availability in timedelay, 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.



#### Solar Fuses

A leader in photovoltaic fuse technology, Littelfuse offers fuses and holders up to 1500 Vdc for both high-current and low-current applications.



#### Distributor & Splicer Blocks

POWR-BLOKS<sup>™</sup> 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 reduce the risk of accidental contact.



#### **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.

#### **Custom OEM Products**

Littelfuse understands that existing solutions may not solve all design challenges. Leveraging years of experience, their 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 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

## **Protection Relays & Controls**



#### 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.



#### 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.



#### Resistance Grounding/ Monitoring

Limit the ground-fault current in order to prevent unwanted fault damage. High-Resistance grounding eliminates arcflash hazards and transient overvoltages associated with ground faults.



#### Industrial Shock-Block<sup>™</sup> 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.

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#### **Ground-Check Relays**

Continuously monitor the integrity of the ground conductor to protect portable equipment from hazardous voltages caused by ground faults.



#### Motor & Pump Protection

A wide range of protection relays offers intrinsically safe relays, liquid level controls, and load sensors offer the right protection for low-voltage applications.



#### **Industry Applications:**

- Construction
- Data Centers
- Food & Beverage
- HVAC
- Manufacturing Controls
- Mining

- Oil & Gas
- Power Generation
- Pulp & Paper
- Solar/Alternative Energy
- Telecom
- Water & Wastewater





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