INTEGRATE PROTECTION FROM ELECTRICAL HAZARDS

Littelfuse offers a wide variety of unique solutions specifically designed to meet the requirements of panel shops and systems integrators. Our products include features such as space-saving case sizes, plug and play setup, indication features on fuses and fuse holders, and remote Bluetooth® communications. Contact us for application expertise and technical support to help simplify incorporating electrical safety into your design.

LOCAL RESOURCES FOR A GLOBAL MARKET

For a comprehensive library of resources including datasheets, product manuals, white papers, technical guides, design tools, catalogs, and more, visit Littelfuse.com/TechnicalResources.

PANEL SHOP & CONTROL SYSTEMS INTEGRATOR
INTEGRATE PROTECTION FROM ELECTRICAL HAZARDS

Littelfuse offers a wide variety of unique solutions specifically designed to meet the requirements of panel shops and systems integrators. Our products include fuses, relay, overload, and earth leakage relays on fuses and fuse holders, and remote Bluetooth® communications. Contact us for application expertise and technical support to help simplify incorporating electrical safety in to your design.

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PANEL SHOP & CONTROL SYSTEMS INTEGRATOR

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**Product Portfolio & Features**

**Fuse Blocks and Holders**
- Enable easy fuse installation and replacement with fuse blocks. Fast flashing design allows easy removal and replacement.
- Compact, space-saving design allows for 30% more fuses in the same space.
- Available in a variety of models and sizes to meet your needs.

**Power Distribution Blocks**
- Specially designed for modern day sensitive electronic applications, avoiding nuisance trips and required no calibration.
- Unfused blocks are available in a variety of sizes and styles to meet your needs.
- Designed for indoor use only.

**Surge Protective Devices**
- Protect electronic equipment from voltage surges and transients to enhance the life expectancy of your equipment.
- Designed for indoor use only.
- Available in a variety of sizes and styles to meet your needs.

**Load and Current Sensors**
- Detects and protects against overloads and short circuits.
- Provides a fast response and accurate measurement of current.
- Available in a variety of sizes and styles to meet your needs.

**Industrial Shank Blocks®**
- Designed for industrial applications, these blocks are available in a variety of sizes and styles to meet your needs.
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**Motor Protection**
- Motor disconnect switches are designed for modern day industrial applications. They are available in a variety of sizes and styles to meet your needs.

**AC Ground-Fault Relays**
- Sensing high fault ground relay featuring advanced alarm and protection schemes to protect your equipment from unexpected trips.
- Available in a variety of sizes and styles to meet your needs.

**System Monitoring**
- Detects and protects against overloads and short circuits.
- Provides a fast response and accurate measurement of current.
- Available in a variety of sizes and styles to meet your needs.

**Protection**
- Protects against phase loss and low resistance and phase-to-phase faults.
- Available in a variety of sizes and styles to meet your needs.

**Product Portfolio**
- Offers a wide range of products to meet your specific needs.
- From basic to advanced, from standard to custom, Littelfuse has the solution for you.

**Features**
- Easy to install and use.
- Designed for modern day industrial applications.
- Available in a variety of sizes and styles to meet your needs.

**Applications**
- Available in a variety of sizes and styles to meet your needs.
- Designed for modern day industrial applications.
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**Benefits**
- Easy to install and use.
- Designed for modern day industrial applications.
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**Specifications**
- Available in a variety of sizes and styles to meet your needs.
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**Contact Us**
- For more information, please contact your local Littelfuse sales representative or visit our website at Littelfuse.com/Industrial.

**References**
- [Littelfuse.com/Industrial](http://Littelfuse.com/Industrial)
- [Motor Protection](http://MotorProtection.com)
- [System Monitoring](http://SystemMonitoring.com)
Product Portfolio & Features

**UK Class Fuses**
- Lifeline UL Class fuses offer higher interrupting capacity and protection against overcurrent, such as those found in electrical systems. These fuses are designed for modern day sensitive equipment, and they come in various sizes, including Class J, Class CC, and Class TH.

**Fuse Blocks and Holders**
- Enable easy fuse installation and replacement in fuse blocks. They are designed to provide protection against overcurrent and reduce the risk of explosion from overloading.

**Power Distribution Blocks**
- Specially designed for use in power distribution applications, these blocks offer improved reliability and safety compared to competitive models. They are designed to meet UL and EN standards, ensuring compatibility with a wide range of fuse types.

**Surge Protective Devices**
- These devices protect your equipment from transients, which can cause damage to sensitive electronic components. They can be used in various applications, such as industrial, commercial, and residential environments.

**Lead and Current Sensors**
- Available in a variety of sizes and configurations, these sensors provide real-time monitoring of lead and current values. They are designed to meet the needs of various applications, from industrial to residential settings.

**Industrial Shock Block® GFCIs**
- The G8500 is a high-impedance ground fault circuit interrupter (GFCI) designed to detect and interrupt ground-fault currents. It is suitable for use in industrial and commercial environments.

**Neutral Grounding Resistor/HRG**
- This device is designed to safely detect neutral grounds and provide protection against electrical hazards. It is ideal for use in environments where electrical safety is a concern.

**Ground-Fault Relays**
- Selective ground-fault relays detect and interrupt ground-fault currents in priority applications. They are designed to meet the needs of various industries, including industrial, commercial, and residential.

**Bluetooth Overload Relay**
- Motor and control multiple MP9000 relays through the lifetime app on your smartphone. No need to open the control panel, which enhances worker safety. Advanced features improve system performance.

**Warning & Alarm Relays**
- Enable easy installation and replacement in fuse blocks. They are designed to provide protection against overcurrent and reduce the risk of explosion from overloading.

**Arc-Flash Relays**
- Complete and sensitive protection of VFDs to protect high-magnitude-ground faults before they escalate into more severe faults. Littelfuse fuses are chosen for their superior protection against overcurrent and short circuits.

**Ac-Dc Ground-Fault Relays**
- Complete and sensitive protection of VFDs to protect high-magnitude-ground faults before they escalate into more severe faults. Littelfuse fuses are chosen for their superior protection against overcurrent and short circuits.

**Neutral Grounding Monitoring**
- This technology continuously monitors the neutral grounding system and provides real-time feedback on the system's performance.

**Motor Protection**
- From standard to advanced, from standard to advanced, from standard to advanced. From basic to advanced, from basic to advanced, from basic to advanced. From simple to complex, from simple to complex, from simple to complex.

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PRODUCT PORTFOLIO & FEATURES

UK Class Fuses
Life saving fuse and Class C fuses provide complete protection against overcurrent and protect the equipment from catastrophic failure.

Class CC and Midget Fuses
■ Superior protection against overcurrent.
■ Designed for modern day sensitive applications.

High-Speed Fuses
■ Specially designed for high-speed break fuses, these devices are designed for modern day sensitive power electronics devices that require superior protection against overcurrent.
■ Advanced limiting performance for larger currents.
■ Available in dual bus bar design to meet the needs of customers across the global market.

Blind Overload Relay
Motor control and current monitoring MP930 relays through the Life line app on your smartphone. No need to open the control panel, which enhances worker safety.

Arc-Flash Relays
Motor control and current monitoring MP930 relays through the Life line app on your smartphone. No need to open the control panel, which enhances worker safety.

Power Distribution Blocks
Specially designed for protection against accidental overloads, these fuses are designed for modern day sensitive power electronics devices that require superior protection against overcurrent.

Surge Protective Devices
Surge protective devices provide protection from transverse overvoltage events lasting micro seconds. By limiting the surges generated during the overvoltage event, the devices can mitigate any damage done.

GFI Surge Protection
Available in a wide range of operating voltages, these devices provide thermal protection to eliminate catastrophic failure and signal external service requirements to avoid loss of service.

IndustriShield Blocks® GFCI
The industriShield® is a stand-alone device, equipment, and operator protection. This product is the first ground fault circuit interrupter GFCI to be listed UL1449 and UL listed as a 600V system phase application. It is the only GFCI design that maintains the continuity of the ground circuit.

Ground Fault Blocks® GFCI
The ground fault blocks® are designed to detect and interrupt fault current without reducing the probability of a trip on the faulted circuit. CMD allows reduces size and cost.

Fault-Block Relays
Sensitive ground fault relays featuring adjustable earth leakage detection, can be used in both fuse and circuit breaker applications to balance the current in both fuse and circuit breaker applications.

KBlock® Fuses
Designed for applications requiring an adjustable time delay to reduce nuisance trips. Enables quick tripping of the fuse, which is a critical requirement for any application requiring a high degree of selectivity.

Co-Block Fuses
With adjustable earth leakage detection, these fuses provide increased selectivity at the expense of increased size and cost.

BASIC
With a basic level of protection, and can be modified to meet your specific requirements. These devices provide protection, but may not detect faults that occur with low current and short duration events.

SMART
This smart, universal relay can communicate directly with your industrial devices. Using Bluetooth or Ethernet, you can view live data and receive notifications.

ADVANCED
Offering an advanced level of protection, multiple functions, and relay settings, these devices can communicate directly with your industrial devices and provide enhanced functionality.

STANDARD
In addition to voltage and phase protection, the standard level of protection includes overvoltage, undervoltage, and phase loss protection. It also includes protection for low-voltage motors. This feature is designed to allow for easy troubleshooting.

Intrinsically Safe
This is the highest level of protection that's right for you. This device is designed to comply with the requirements of specific standards to ensure safety in hazardous environments.
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