

# SMR GULF COAST

*Specified Manufacturers Representative*



## Food and Beverage

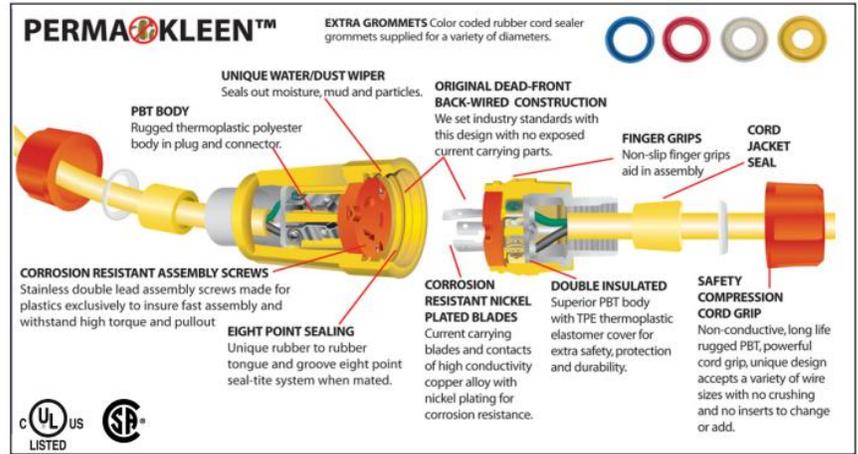
**SMR Gulf Coast**

**346-409-2500**

**<https://www.smr-gulfcoast.us/contact>**

### Perma-Kleen Cable, Cordsets, dropdowns, and wiring devices

Antimicrobial wiring components that prevent microbial growth within and without through additives within the polymer.



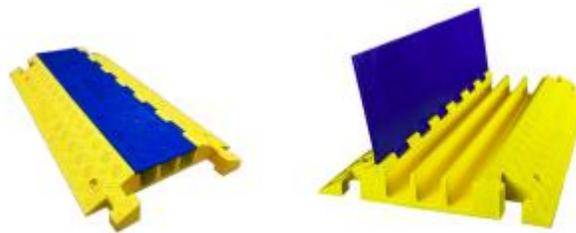
### Portable Lighting

- Lighting for maintenance where lighting is normally not existing.
- Used for maintenance or for new construction



### TuffTraxx Cable & Hose Protectors

- Protect cables and hoses from being stepped on or run over and damaged
- Up to 50,000 lbs (about twice the weight of a school bus) load capacity



### Arc-Flash Relays

- Protect your equipment and people while reducing downtime in an arc flash.
- Detects a developing arc-flash incident and sends a trip signal to interrupt power before significant damage occurs.
- Simple plug-and-play installation.



### Ground-Fault Relays

- Quickly and reliably detect the breakdown of insulation resistance caused by moisture, vibration, chemicals or dust.
- Littelfuse offers a wide variety of ground-fault relays, to meet specific, niche needs.



### Motor & Pump Protection

- Protect your motors and pumps from overloads, jams, phase loss or imbalance, heat, heavy start-ups or excessive operational cycles.
- Littelfuse offers a wide range of protection relays, intrinsically safe relays, liquid level controls, and load sensors to deliver the right protection for low-voltage applications.



## Current Monitoring Relays

- Use current levels to determine feed rates, tool wear, loss of prime on pumps, mixer viscosity and all types of overload and underload conditions.
- May also be used to stage pump motors, chillers and other machinery.



## Shock Block GFCI

- GFCI Class A, C, D and EGFPD options in one series
- UL 943 inverse time trip curve
- Self-testing
- NEMA 4X Enclosure
- Available in Polycarbonate, Stainless Steel, and Class 2 Division 2 Stainless Steel
- Discrete Fourier Transform algorithm to limit nuisance trip



## Feeder Protection

Help protect circuits from overcurrent, ground faults, phase loss, overload, and other detrimental conditions found in feeder and grain silo applications.



## NGR & NGR Monitors

Limit the fault current to prevent unwanted fault damage but still allow protective relays to work.



## Timers

Delay starting and stopping loads, cycling, and sequencing of motors, pumps, compressors, heaters, and lighting



## Voltage Monitors

- Prevent damage to machinery and injury to personnel by using voltage monitors.
- Prevent motors from running with no load applied.
- Provide protection due to blown fuses, broken wires or worn contacts.



## UL Class Fuses

Littelfuse offers various industrial power fuses to serve many applications in the food and beverage industry. Innovative features such as indication improve productivity while enhancing the safety of systems.



## High-Speed Fuses

- Designed for sensitive power electronic devices.
- Offer extreme current-limiting protection and balanced performance for longevity.
- Available in direct busbar mount flush end and blade designs.



## Surge Protective Devices

- Provide equipment protection from transient overvoltage events lasting micro-seconds.
- Mitigate damage and downtime.



## Temperature Sensors

- Variety of thermistors
- Thermistor Probes & Assemblies
- RTD Probes & Assemblies





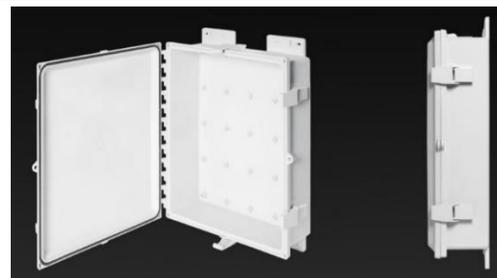
**PolyStar Series**

Polycarbonate enclosures that are strong, easy to modify, and UV resistant of varying sizes.  
 Temperature range: -40° F to +248° F  
 Various accessories available  
 NEMA 4X for washdown



**PolySlim Series**

Lower profile enclosures for space saving where standard, deeper enclosures are not necessary.  
 Temperature range: -40° F to +248° F  
 Various accessories available  
 NEMA 4X for washdown



**J Series Enclosures**

Fiberglass enclosures that are strong, durable, and UV resistant of varying sizes.  
 Temperature range: -76° F to +274° F  
 UL 746C f1 rated.  
 Various accessories available.



**Austin Enclosures**

A variety of standard and customizable electrical enclosures and wireway made of Aluminum, Steel, or Stainless Steel with a full range of NEMA ratings to support a variety of applications.





Aluminum Conduit and Conduit Fittings

Stainless Steel Conduit and Conduit Fittings



**SOLAHD**  
Representative

Customizable Transformers

Up to 600V  
Available in NEMA 1, 3R, 4, 4X  
Made in the US  
Available in SS enclosures



SDU-B Series DC UPS

Temperature range: -15°C to +50°C  
Power quality solution to keep control systems powered during brief outages and avoid damage to systems



AC to DC Power Supplies

For control systems

SDN-D Series

Temperature range: -40°C to +70°C  
IIoT with SCM Communication module  
Ultra-high efficiency

SDN-C Series

Temperature range: -40°C to +70°C  
High efficiency



# Surge Pure



## MACH 1 Secondary Level Panels Up To 200 amp

- When downline from Primary Level Protection
- Residential main services
- Downline office panels
- NEMA 4X hose-down enclosure
- Type 2 locations
- Multi-Element for each surge-path
- 10-year warranty
- 1-phase & 3-phase 120 volt up to 480 volt



## MACH 2 Primary Level Service Entrances Up To 400 amp

- 100,000 Solid Amps of Non-degrading Surge Protection
- Small commercial and industrial service entrances
- Type 1 for Type 1 & Type 2 locations
- NEMA 4X hose-down enclosure
- Single-Element for each non-degrading surge-path
- Lifetime Warranty
- 1-phase & 3-phase 120 volt up to 600 volt



## MACH 3 Enhanced EMI/RFI Filtering Up To 400 amp

- Added feature AST 'Active Sinewave Tracking'
- AST is for your most vital sensitive digital applications
- Computer room - Server room applications
- Dentist offices - Hospital equipment - Jumbotrons
- Type 1 for Type 1 & Type 2 locations
- NEMA 4X hose-down enclosure
- Single-Element for each non-degrading surge-path
- Lifetime Warranty
- 1-phase & 3-phase 120 volt up to 480 volt



## MACH 4 Primary Level Service Entrances Up To 800 amp

- 160,000 Solid Amps of Non-degrading Surge Protection
- Large commercial and industrial service entrances
- Type 1 for Type 1 & Type 2 locations
- NEMA 4X hose-down enclosure
- Single-Element for each non-degrading surge-path
- Lifetime Warranty
- 1-phase & 3-phase 120 volt up to 600 volt



## MACH 5 Primary Level Service Entrances Up To 2500 amp

- 320,000 Solid Amps of Non-degrading Surge Protection
- Very large services rated up to 2500 amp
- Type 1 for Type 1 & Type 2 locations
- NEMA 4X hose-down enclosure
- Single-Element for each non-degrading surge-path
- Lifetime Warranty
- 1-phase & 3-phase 120 volt up to 600 volt



## MACH 6 Primary Level Service Entrances Up To 6000 amp

- 640,000 Solid Amps of Non-degrading Surge Protection
- Heavy Industrial, Primary-Level Protection
- Service Entrances rated up to 6000 amp
- Type 1 for Type 1 & Type 2 locations
- NEMA 4X hose-down enclosure
- Single-Element for each non-degrading surge-path
- Lifetime Warranty
- 1-phase & 3-phase 120 volt up to 600 volt



## REMOTE AWARE (Option on Mach 2 to Mach 6 models)

- Provide supervisory alert for loss of protection
- Recommended on main service entrances and remote unmanned locations



## Antimicrobial Nylon Metal Detectable Ties and Mounts

Made for food and beverage  
Offer protection against bacteria  
Compliant to ISO 22196 Standard and CFR-21, HARPC (mandated by FDA) and maintaining GMP



## Stainless Steel Ties

Available in 304 and 316  
Available with polyester or nylon 11 coating  
Temperature range (noncoated): -60°C to 538°C  
Variety of tensile strengths  
Mounts also available



## MP300 Mobile Printer

Handheld printer that can print self-laminating labels, continuous labels, heat shrink labels and more with a variety of symbols.  
Labels are chemical resistant to washdown.



## TDP43ME Desktop Printer

Printer that connects to your computer for an even more customizable printing solution.  
Labels are chemical resistant for washdown.



Nylon Marker Plates  
Continuous Tape Labeling  
Heat Shrink Labeling  
Self-Laminating Labeling



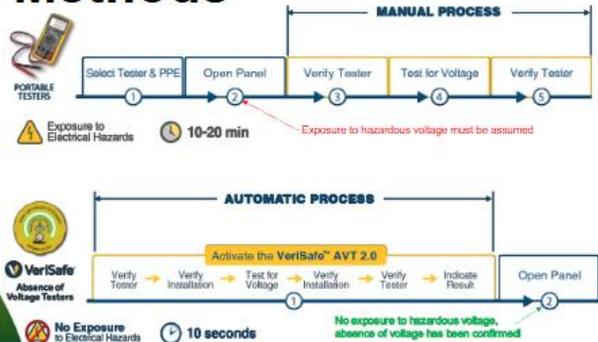
### VeriSafe AVT

Safety by design: Remove the hazard of testing voltage from the workers through design. Increase efficiency of workers by decreasing time to test for absence of voltage by up to 20 minutes.

VeriSafe 1.0: 600 VAC 3-phase only  
 Ordinary Location NEMA 4X IP69  
VeriSafe 2.0: 1000 VAC/1000 VDC 1-phase or 3-phase  
 Network module available for real-time diagnostics  
 Class 1 Division 2 ABCD  
 NEMA 4X/IP69



### Comparison of Test Methods



## Terminations:

### Aluminum Compression

#### Lugs

1-Hole and 2-Hole

### Copper Compression Lugs

1-Hole and 2-Hole

Long Barrel and Short Barrel

Flex conductor option

Narrow tongue option

### Aluminum Splices

### Aluminum Mechanical Lugs

A variety of forms and sizes to fit a variety of needs

### Lay-in Lugs

### Terminals

Rings, forks, disconnects, and ferrules

### Crimp Tools

For lugs, terminals, and splices

Ergonomic controlled cycle hand tools for consistent crimp

Battery powered hydraulic crimpers for consistent tool powered and controlled crimp.



### Cable Cleats

Contain cable from electromechanical forces at initial point of short circuit fault. Protect personnel and equipment. Ability to install after cable is laid. Multiple forms: Quad, trefoil, single conductor.

Multiple materials: SS, Poly, Alum  
Strapping cleats available for



## Cable Entry Systems

Allow for entry of many cables into control panels.

Save space on the panel

Save time on installation

Wide range of offering for a variety of cables and purposes.



## Grounding:

### GCE Series Grounding

#### Connectors

Slotted design for easy assembly

Antioxidant compound pre-applied

Suitable for direct burial

For ground rod, rebar, or conductors

### CTAPR Series Grounding

#### Connectors

Suitable for direct burial

For ground rod, rebar, or conductors

### Split Bolt Connectors

#### Service Post

#### Crimp Tools

Battery powered hydraulic crimpers for consistent tool powered and controlled crimp.



## Detectable Tape



## Electrical Tape

Suitable for a wide range of indoor and outdoor applications and temperatures.



## Lockout Tagout

Tags, padlocks and more





NELSON™  
Representative



\*SMR stocks key items in Houston\*

## Heat Tracing Cable

Many options including wattage per foot, temperature range, jacket material, and more!

Can be used for freeze protection or process temperature control

### LT Series

For freeze protection and low watt process systems

### HLT Series

May be used in similar situations as the LT series but in situations where the pipes may be steam cleaned, particularly when certain chemicals are used in food and beverage processes that leave residue in the piping.

### Mineral Insulated Cable

Custom made solution with a wide range of application



## Heat Trace accessories

End of Circuit Lights

Power Connection Kits

Tee Kits

Splice Kits

Thermostats and Temperature Probes

Controllers

Heat Trace Warning Signs and Glass Tape



Hazardous Lighting,  
Enclosures, Controls,  
and Fittings

Some food processing areas create combustible dust or utilize combustible gases that can be active in the air and be ignited by a spark. Appleton makes solutions for systems that need to be in areas with this hazard.

Imperial Sugar Company Dust  
Explosion and Fire | CSB



**Swivelpole**<sup>™</sup>

Maxis Joint

Allows for pole mounted items, including lighting, surveillance equipment, networking equipment, and more to be easily and safely lowered and raised for maintenance. Conversion tool available for existing poles.



# Atkore™ Unistrut



## Unistrut Channel

Available in Stainless Steel

Unistrut has a robust product line to support any variety of strut needs.



## Unistrut Fittings

Available in Stainless Steel

Unistrut's fittings are versatile and are considered some of the best in the industry.



# Atkore™

## Kaf-Tech



### Metal Clad Cable

Replace standard steel conduit  
Color coordinated for voltage  
Labor saving



### MC Luminary

Contains additional wiring for dimming capabilities  
Available with a PVC jacket



### MC Glide Fire Alarm/Control Cable

Smooth installation saves time on the job  
Suitable for fire alarm wiring, control circuits, and more.  
600 V applications



### Flexible Conduit

- Metallic (available in SS)
- Non-Metallic
- Liquidtight Metallic (available in SS)



# Atkore™

## US Tray



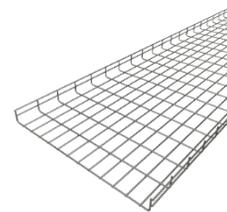
### Ladder Tray

I-Beam style aluminum ladder tray that meets and exceeds industry standards.  
Full array of fittings applied.  
Customizations are available to fit your project's needs.



### Eagle Basket Tray

Available in electroplated zinc, hot dip galvanized, any color powder coated, or stainless steel  
Straight lengths come preinstalled with splices; no additional hardware required.  
Array of fittings available to support any design.



### US Tray-Glas

Fiberglass tray and channel for applications where corrosion protection is required and weight is a factor of installation.



### Swage Tray

Outward C Channel style tray. Available in pregalvanized steel, HDG Steel, Aluminum, and 304SS.



### Trof

Tray with ventilated or solid bottoms to increase strength and protect against wildlife. Available in pregalvanized steel, HDG Steel, and 304SS.



## Halco Lighting Solutions

\*All Territories\*



## Spring Lighting Group

\*nTX, LA, MS\*



## Light Efficient Design

\*LA, MS\*





## Tools for Every Industry

With reliable German engineering, Knipex provides top quality tools for every industry, including the electrical and electronics industry.

Ratcheting Knife

Cable Shears (9")

Electronics Diagonal Cutters

Electrical Installation Pliers

Needle Nose Pliers

Twinforce® Diagonal Super Cutters

Cable Knife

Cable Shears 1000V Insulated (20")

Forged Strippers

