

SMR GULF COAST

Specified Manufacturers Representative



Water/Wastewater

SMR Gulf Coast

346-409-2500

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

Hazardous Area Panelboards

PlexPower RQ/RF:

Stainless Steel

Class 1 Division 2 BCD NEMA 4X

Modular design

Utilizes off the shelf circuit breakers

No external conduit/cable seals required

Factory options available

Cast ALPN/APPN:

Cast Aluminum

Class 1 Division 1&2 BCD NEMA 4X

Factory options available



Hazardous Area Cast Junction Boxes and Control Centers

AJBEW:

Cast Aluminum Junction box

Class 1 Division 1&2 BCD

NEMA 4 (4X available)

Factory options available

ACSEW:

Cast Aluminum Control Center

Class 1 Division 1&2 BCD

NEMA 4 (4X available)

Operators in cover available

Factory options available



Hazardous Area Contactors and Motor Starters

Cast AEB Series:

Class 1 Division 1&2 BCD NEMA 4X

Factory options available

PlexPower Series:

Class 1 Division 2 BCD NEMA 4X

No external conduit/cable seals required

Factory options available

EDS Manual Series:

Class 1 Division 1&2 CD NEMA 3R



Hazardous Area Circuit Breakers and Disconnects

Cast AE Circuit Breaker Series:

Cast Aluminum

Class 1 Division 2 BCD NEMA 4X

15-1200 Amps

Factory options available

PlexPower Circuit Breaker:

Stainless Steel

Class 1 Division 2 BCD NEMA 4X

15-150 Amps

No external conduit/cable seals required

Factory options available

Cast AE Disconnect Series:

Cast Aluminum

Class 1 Division 2 BCD NEMA 4X

Factory options available

Cast AE Molded Case Switches:

Cast Aluminum

Class 1 Division 2 BCD NEMA 4X

Factory options available

PlexPower Disconnect:

Class 1 Division 2 BCD NEMA 4X

No external conduit/cable seals required

Factory options available



Quick Release Program

Quick turnaround of limited sizes and configurations of enclosures, panels, and controls manufactured in Houston.

Please contact SMR Gulf Coast for more information: sales@smrgulfcoast.com

Hazardous Area Control Stations

Push buttons, selector switches, and pilot lights with various options and configurations

EFDB series:

C1D1 BCD NEMA 3

Utilizes Appleton EFD back box

4/4X Contender series:

NEMA 4X w/ aluminum back box

C1D2 BCD

Utilizes EDS back box

Can mount to competitor's box

Contender series:

C1D1 CD NEMA 3

Utilizes EDS back box

Can mount to competitor's box



Hazardous Area Tumbler Switches

EDS Series Tumbler Switch:

C1D1 BCD NEMA 3

Utilizes Appleton EFD back box

4/4X Contender Series:

NEMA 4X w/ aluminum back box

C1D2 BCD

Utilizes EDS back box

Can mount to competitor's box

Contender Series:

C1D1 CD NEMA 3

Utilizes EDS back box

Can mount to competitor's box



Conduit Fittings

FM9 - C1D2 NEMA 3R

ER Outlet Boxes - C1D1 CD

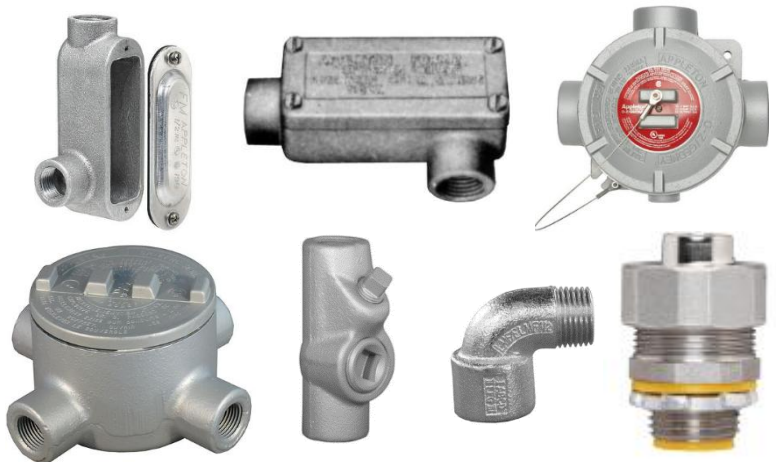
GR Boxes - C1D1 BCD NEMA 4X*

GRTS Box - C1D1 BCD NEMA 4X*

Elbows - C1D1 ABCD

Seals - C1D1 ABCD

4QSS - C1D2



* Aluminum only

Cable Glands

TC Connectors - C1D2 ABCD NEMA 4X

T3 Series - C1D2 ABCD 4X

PXSS2K-REX - C1D1 CD NEMA 4X

and more!



Plugs and Receptacles

U-Line:

Class 1 Division 1&2 BCD

20A 125V or 250V

NEMA 4X*

Powertite:

30, 60, 100, 150, 200, 400 Amp

Multiple wire and pole configurations

Unclassified locations NEMA 4X*

EBR Series:

Interlocked disconnect switch

Class 1 Division 1&2 BCD NEMA 4X*

*See cut sheet for NEMA 4X conditions



Hazardous and Industrial Lighting:

Explosionproof Lighting:

CodeMaster LED:

Task/Area lighting

C1D1 BCD NEMA 4X

CodeMaster JR LED:

Task/Area lighting

C1D1 BCD NEMA 4X

EHLED Hand Lamp:

Explosionproof mobile lighting

C1D1 CD



Task/Area Lighting:

Mercmaster Connect LED*:

Class 1 Division 2 BCD NEMA 4X

Connected Lighting

Up to 17,500 Lumens

Fully dimmable

Reduces energy consumption

IIoT Solution

Strengthens existing networks

Mercmaster Low Profile LED*:

Task/Area lighting

3-7k Lumen only

Emergency available

C1D2 ABCD NEMA 4X

Mercmaster Gen 3 LED*:

Task/Area lighting

Emergency available (3-5k only)

C1D2 ABCD NEMA 4X

Contender LED*:

For retrofit with existing competitors top hats.

C1D2 ABCD NEMA 4X

*Available in an industrial style. Add "I" to the beginning of the part number.



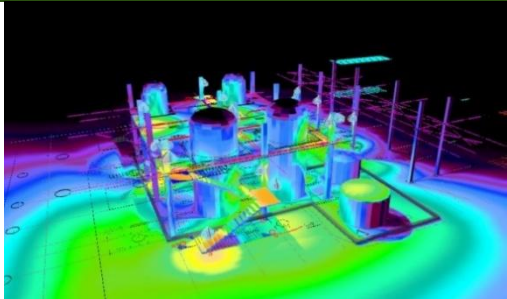
High Bay Lighting:

Baymaster LED*:

C1D2 ABCD NEMA 4X

*Available in an industrial style. Add "I" to the beginning of the part number.



Flood Lighting: <u>Areamaster LED*:</u> C1D2ABCD NEMA 4X *Available in an industrial style. Add "I" to the beginning of the part number.	
Linear Lighting: <u>Rigmaster LED*:</u> C1D2 ABCD NEMA 4X Emergency battery available <u>Explosionproof Rigmaster LED:</u> C1D1 CD NEMA 4X Emergency battery available *Available in an industrial style. Add "I" to the beginning of the part number.	
Jelly-Jar/Retrofit Lighting: <u>Retromaster LED:</u> Ratings vary by top hat	
Lighting Layout Appleton can provide lighting layout services for better design and specification of lighting systems. Please contact SMR Gulf Coast for more information.	

Swivelpole™

<u>Maxis Joint</u> 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.	
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Low Voltage Transformers

K-Factor

Capable of carrying harmonic currents of non-linear loads
Handle DC flux caused by triplen harmonics

Floor Mount Automation Transformers

15 kVA to 150kVA

Encapsulated

Class 1 Division 2

Standard NEMA 4/12

NEMA 4X Available (Stainless Steel)

Wall Mount Automation Transformers

50 VA to 45 kVA

Encapsulated

Class 1 Division 2 ABCD

Standard NEMA 3R

NEMA 4X Available

HZ Series

Available in 3R, 4, 4X

Encapsulated

Drive Isolation

7.5 kVA to 440 kVA

NEMA 3R with weather shield

Isolation minimizes load disturbances caused by the SCR drive

Custom transformers available



Power Conditioners

CVS Hardwired Series

Regulate to $\pm 1\%$

Acts as step up/down transformer

25 years mean time before failure

MCR Hardwired Series

Regulate to $\pm 3\%$

Acts as step up/down transformer

25 years mean time before failure

Solatron Plus Series

Three Phase

Response time 1.5 cycles

Regulate to $\pm 3\%$

30 kVA - 200 kVA



*****Custom options available*****

Surge Protection Devices and Tracking Filters

STC-SLAC Series

Designed for Water/Wastewater
15 A 120 Vac NEMA 4X

STC-SS Series

Designed for Water/Wastewater
150 mA 28 Vdc

STV25K DIN Rail Series

SPD50K Series

Bracket or DIN mount

SPD200/300K Series

STFE Elite Series

STFV Plus Series



Uninterruptible Power Supplies

SDU AC - B Series

500 VA to 850 VA

S4K2U-D Series

Up to 3 kVA

SLN, SPS, and SSW Mini-Tower UPS

SLN and SPS - Off-Line UPS

SLN - 600 VA

SPS - 850 VA

SSW - Line-Interactive UPS

700 VA to 1440 VA

SDU DC - B Series

240VA to 480 VA (10A and 20A models)
24VDC



Power Supplies

SDN-D Series

Class 1 Division 2 ABCD

High performance in a small package
SCM Communication Module to make it IIoT

SDN-C Series

Wide range of options

Class 1 Division 2



Motor and Pump Protection
MP8000 - Bluetooth Overload Relay
201A-AU - 3 phase voltage monitor
460 - 3 phase voltage monitor
777-KW/HP-P2 - 3 phase voltage and current monitor



Arc Flash Relays
PGR-8800
AF0500
AF0100
AF0025 - OEM Focused
 Various Point and Fiber Optic Sensors



Industrial GFCI
SB5000 series
 Accessories available
 Available in polycarbonate or stainless steel.



Seal-Leak Detectors
 Detect leaks in submersible pumps
201-100-SLD - Seal Leak Detector
PC-102CICI-DL - Dual Channel Seal Leak Detector



Alternating Relays

ALT115-S-SW - Duplex alternating relay for pumps with one float input
ALT115-X-SW - Cross-connected alternating relay for pumps with two float inputs
PC-105 - 5 channel pump controller and relay switch



Intrinsically Safe Relays

Relays for use in Class 1 Division 1 and 2 Group ABCD areas
ISS-105-ISOv - 5 channel intrinsically safe relay switch
ISS-105 - 5 channel intrinsically safe pump controller and relay switch



Time Delay Relays

KRDM421 - Delay on make timer
KRDB421 - Delay on break timer



Surge Protective Devices

SPD2 series - DIN Rail Mountable
SPDN series - External Panel Mount



Neutral Grounding Resistors

SE-325
SE-330
NGR Series
NGRM-ENC Series



Flashers

FS126
FS126RC



UL Class Fuses, Fuseholders, Fuse Blocks, and Fuse Accessories



Power Distribution Blocks



Aluminum Conduit and Conduit Fittings, and EMT Stainless Steel Conduit and Conduit Fittings

Prefabrication available



SurgePure



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





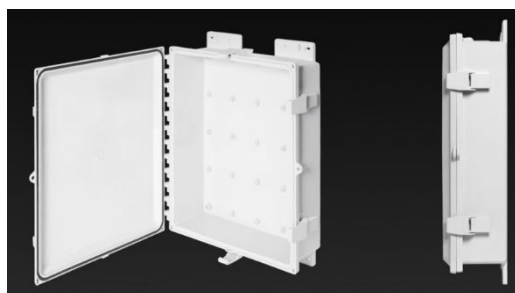
PolyStar Series

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
ABS, AL, CS, FG back pans available



PolySlim Series

Lower profile enclosures for space saving where standard, deeper enclosures are not necessary.
Especially useful for communications
Temperature range: -40° F to +248° F
Various accessories available
NEMA 4X
ABS, AL, CS, FG back pans available



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.
ABS, AL, CS, FG back pans 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.



Atkore™ Unistrut



Unistrut Channel and accessories

Unistrut boasts the industries broadest portfolio of strut and strut accessories, including a variety of materials: Fiberglass, various finishes of Steel, Aluminum, and Stainless Steel.

Made in the USA - BUY AMERICA



Atkore™ Kaf-Tech



Flexible Conduit

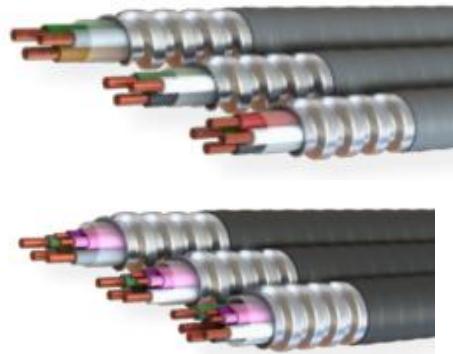
LFMC UL
LFMC UL - Computer Blue
LSZH
SS LSZH
NMLT-B
RWS
RWA



MC Cable

Replace traditional pipe and conduit with MC Cable for labor savings.
Parking Deck Cable and MC Luminary PVC Jacketed

- PVC Coated
- Suitable for C1D2 applications
- UL Listed for direct burial and wet location
- UV and oil resistant
- MC Luminary comes with dimming conductors for lighting



Atkore™

US Tray



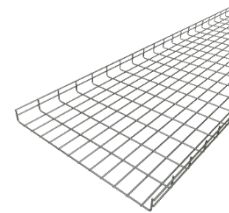
Ladder Tray

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.



Medium Voltage Transformers

Pad-mount Transformers

- 3PH; 30 kVA - 10,000 kVA; Up to 35 kV
- 1PH; 5 kVA - 250 kVA; Up to 19.9 kV
- Type II non-PCB mineral oil

Dry-Type Transformers

- 300 kVA - 5,000 kVA
- Up to 35 kV

Pole Mount Transformers

- 5 kVA - 333 kVA
- High Voltage: 2.4 kV - 34.5 kV
- Low Voltage: 120/240, 240/480, 277
- Type II non-PCB mineral oil

Additional options available



Medium Voltage Switchgear

Pad-Mounted Switchgear

- 15 kV double-door design
- UL listed and IEEE C37.74
- Up to 4 bays with multiple switch and fuse configurations

Metal Enclosed Switchgear

- 5 or 15 kV nominal voltage rating
- Enclosure: NEMA 3R, outdoor/indoor
- BIL: 95 kV
- 27 kV designs available

Additional options available



Low Voltage Transformers

- 5 kVA - 1000 kVA
- Up to 800V
- Self-Cooled (AA)
- NEMA 3R Standard; 4X available
- High-grade silicon-steel core
- Impedance 5.75 % ($\pm 7.5\%$)

Additional options available



Substation Transformers

- 300 kVA - 100,000 kVA
- Up to 145 kV
- Lifting Lugs
- High-grade silicon-steel core
- Externally clamped high- and low-voltage bushings
- Nitrogen blanket
- Type II non-PCB Mineral Oil

Additional options available



PANDUIT™

Stainless Steel Ties

Available in 304 and 316
Available with polyester or nylon 11 coating
Variety of tensile strengths
Mounts also available



Specialty Cable Ties

Available in a variety of materials and sizes to fit a variety of chemical resistance, weather resistance, flame resistance, and strength requirements.



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.



TDP43ME Desktop Printer

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



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



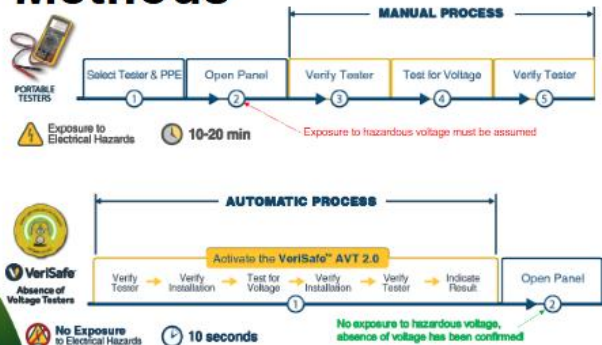
VeriSafe AVT

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



Cable Cleats

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



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

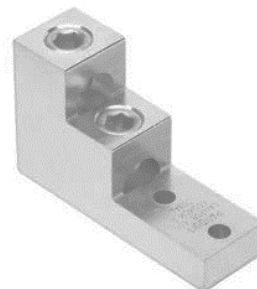
Lay-in Lugs

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.



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

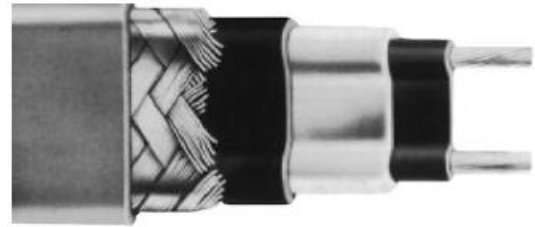
For freeze protection and low watt process systems

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





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

