



- Keeps critical networks and equipment protected from transient overvoltage's
- Class I Division 2 surge protection devices
- AC devices
- DC devices
- Panel-mount and integrated systems
- Din Rail mounted devices
- RF and Coaxial surge protectors

## Surge Protection Devices / Isolators & Barriers



## BARTEC

- Full HD 16:9 up to 24" HMIs from Remote Terminal, Thin Client, and Windows 10 PC versions
- UL Class 1, Division 2 Groups A,B,C,D NEMA 4X display sizes from 8.4" to 15"
- ATEX, CSA, TR CU, Inmetro & IECEx Class 1 Zone 1, 2, 21,22 IP 67 sizes display sizes from 15" to 24"
- Fiber optic or copper data transmissions with ambient temp ratings of -30C to +60C

## Human Machine Interfaces



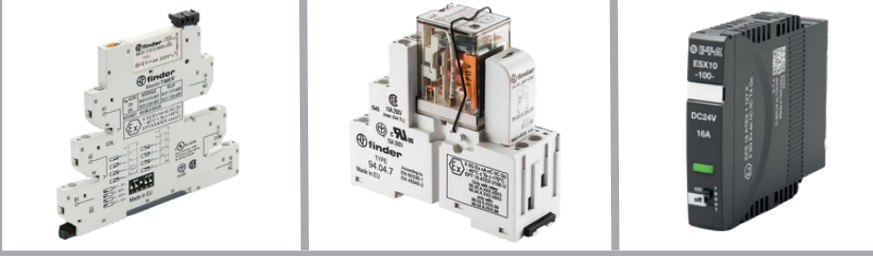
- Wireless or Fixed Gas Detection Devices
- Certified for Class I Division 1 or Division 2
- CSAUs approved devices
- Wireless 900MHz or 2.4GHz
- Fixed Devices with Colored Line of Sight Screens
- Wireless devices can be magnetically installed.
- Wide Range of Gas Monitoring including Ammonia, Hydrogen, Arsine, Carbon Dioxide, Chlorine and more.
- Wireless and Fixed Alarm Bars, Sample Draws, Controllers and alarm notification appliances available.
- Fixed Flame Detection Cameras

## Fixed & Wireless Gas & Flame Detection



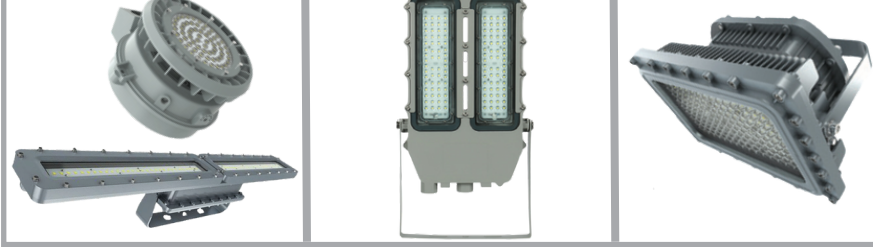
- Class I Division 2 and ATEX certified.
- Slim Line, Ice Cube and Relay Interface Modules.
- cULus listed devices.
- Complies with EN 60079-0 and 60079-15 standards.
- Suitable for chemical, petrochemical, pharmaceutical, LPG, LNG, power plant, spray booth or underground applications.
- C102, ATEX, IECEX, DC Breakers

## Hazardous Location Relays



- Full line of Hazardous location rated EX lighting fixtures
- UL Class 1 & 2, Division 1 & 2 Groups C, D NEMA 4X
- ATEX, CSA, IECEX, Zone 1,2,21,22, IP 66
- Types of lights available: Area Lights, Linear, Flood, High Bay, UFO, Jar Bay, Bay Square,
- Round Bay, Jelly Jar, Surface linear, Wall Mount, High Temp High Bay, All Purpose
- 6 Year Warranty on All Products

## Hazardous Area Lighting



# PRODUCT LINE CARD



tec-sales.com  
ex@tec-sales.com  
T: 1.888.470.2444

## BARTEC

- Glass Reinforced Polyester
- UL/FM/CSA/ Class 1, Division 2 NEMA 1, 4X, 12 (-65C to 120C) ATEX/IECEX/TR-CU Zone 1, 2; Zone 21,22 (IP 65)
- 316 Stainless Steel or Mild Steel
- Aluminum Diecast
- UL/FM Class 1, Division 2, NEMA 4X, 12, SS(-50C to 175C) ATEX, CSA,TR CU, Inmetro & IECEx Zone 0, 1 & 2;
- Zone 20, 21 & 22 IP68

## Terminal Boxes, Non-Metallic, Stainless Steel, Aluminum



## BARTEC

- UL Class 1, Division 2, NEMA 4X, 12, GRP (-40C to +55C)
- SS (-50C to 175C)
- ATEX, CSA,TR CU, Inmetro & IECEx Zone 1 & 2; Zone 20, 21 & 22 IP 67 4 pole Control Stations available
- Available with Emergency Stops, Push Buttons, Key Release, Mushroom Heads
- Indicator lights, illuminated push buttons, Selector Switches, Ammeters

## Control Stations/Panels



## BARTEC

- Tablets, Mobile Devices, Data Capture and Network Solutions for Class I Div 1, Class I Div 2 and Zone 1/2 applications.
- Full range of phones, gateways, antennas, handheld pc's and tablets which are intrinsically safe.
- Certified to the strictest of safety standards, the variety of data capture and wireless communication features make these devices versatile and truly mobile which helps increase productivity and reduce operational cost.

## Hazardous Location Communication



## BARTEC

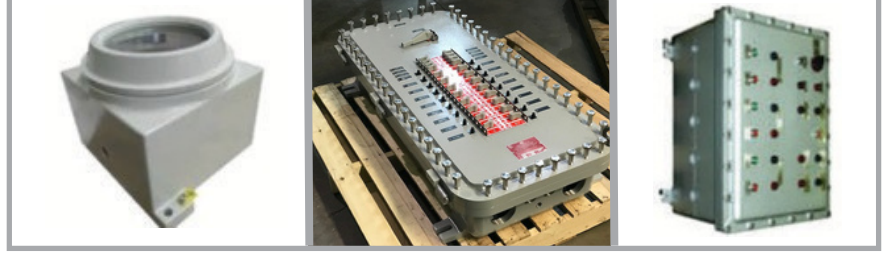
- Medium & High Voltage Enclosures.
- Up to 45kV and 2100 Amps
- Up to 500MCM Cables
- Multiple Entry Configurations
- Suitable for umbilical cables and TUTU applications
- UL/FM Class 1, Division 2, NEMA 4X, 316 Stainless Steel Bussbar Box up to 3,200 amps ATEX, CSA, TR CU, Inmetro & IECEx Zone 1&2, Exe BS En-60079-7

## Medium & High Voltage Enclosures



- UL/FM Class 1, Division 2, NEMA 4X & IP 67, 316 Cast Aluminum & Stainless Steel
- ATEX, CSA,TR CU, Inmetro & IECEx Zone 1 & 2, Exe BS-60079-7 Temperature ratings EJB series -20C to +60C, GUB series -20C to +80C IP 68
- Drilling options available, gland plates can be fitted to any or all four sides
- Windows available in round or square for EJB or round for GUB Series

## Explosion/Flame Proof Enclosures



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T: 1.888.470.2444

**AKRON ELECTRIC INC. BARTEC**  
Explosion-Proof Electrical Systems

- UL/FM Class 1, Division 2, NEMA 4X & IP 67, 316 Cast Aluminum & Stainless Steel
- ATEX, CSA, TR CU, Inmetro & IECEx Zone 1 & 2, Exe BS-60079-7 Temperature ratings EJB series -20C to +60C, GUB series -20C to +80C IP 68
- Drilling options available, gland plates can be fitted to any or all four sides
- Manual, Across the Line, Combination, and reversing options are available.



**Nemalux INDUSTRIAL**

- Full line of Hazardous location rated EX lighting fixtures
- UL Class 1 & 2, Division 1 & 2 Groups C, D NEMA 4X
- ATEX, CSA, IECEx, Zone 1,2,21,22, IP 66
- Types of lights available: Area Lights, Linear, Flood, High Bay, UFO, Jar Bay, Bay Square, Round Bay, Jelly Jar, Surface linear, Wall Mount, High Temp High Bay, All Purpose



**Thermal Edge Inc.** custom controls company

- Size ranges from 2000 BTU thru 20,000 BTU with 115v, 230v, 460v options
- Fully programmable digital controller with temp and pressure monitor
- UL/FM Class 1, Division 2, Groups A, B, C, D NEMA 12, 4, 4X
- Available in painted Carbon Steel or 316 Stainless Steel
- Five Year Warranty on all units standard
- Up to 50 tons for all hazardous certifications



**power temp systems**

- UL/FM Class 1, Division 2, NEMA 4X & IP 67, 316 Cast Aluminum & Stainless Steel
- Full compliment of custom temporary power solutions for hazardous or non-hazardous areas
- Power distribution cubes, master, and slave units provide comprehensive and safe solutions
- Ideal for plant shut downs and turnarounds
- All products made in Houston, Texas



**MELTRIC CORPORATION**

- UL/FM Class 1, Division 2, NEMA 4X & IP 67, Poly Carbonate or Metal Casings
- ATEX, CSA, & IECEx Zone 1 & Class 2, Zone 2 Groups A, B, C, D, E, F, G Available from 10 amps thru 600 amps, from 250Vdc to 750Vac. .75-100 horse power ratings (AC only)
- Great for motors & pumps applications, meets NFPA 70 Arc Flash requirements
- Eliminates the need for a line of sight disconnect, and saves on labor time.



**GUARDIAN TELECOM**

- Full range of hazardous location telephones (UL, CSA, ATEX & IECEx)
- Reliable, flexible, safe & quality products manufactured in North America
- VoIP Voice Over Internet Protocol systems
- Analog phones
- Page / Talk devices
- Talk / Back devices
- PA / GA system components
- Acoustic booths
- Loudspeakers & Ringers



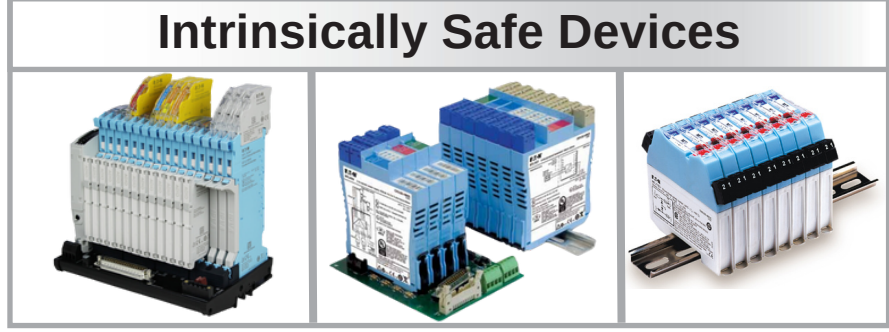
**GUARDIAN TELECOM BARTEC**

- Audible and visual signals for industrial and hazardous locations
- Global approvals to UL, CSA, ATEX and IECEx standards
- Beacons & Strobes
- Manual Call Points
- Combination Systems
- Horns & Sounders
- Obstruction Lighting



**MTL products by EATON**

- Recognized world leader in Fieldbus power systems, Intrinsic Safety interfaces and Industrial Ethernet for hazardous locations.
- Plug and Play systems for marshalling cabinets
- Galvanic Isolators and Barrier devices
- Industrial Security
- Industrial wireless & ethernet
- Process I/O



**EATON Capri**

- Full range of explosion proof & Hazardous area Non-Armored cable glands
- UL Class 1, Zone 1 & 2 AEXe, groups A,B,C,D NEMA 4X
- ATEX, CSA, TR CU, Inmetro & IECEx Class 1 Zone 1, 2, 21,22 IP 67 Non-Armored Marine shipboard cable Type P, Tray cable TC, ITC, MV, PLTC, TC-ER-HI
- Armored for use with Steel wire SWA,SWB,STA,Braided Type P Marine



**EATON Redapt**

- Full range of explosion proof EXd/ Increased Safety Exe brass or stainless fittings
- ETL Class 1, Division 2 Zone 1 & 2 AEXe, Groups A, B, C, D NEMA 4X
- ATEX, CSA, TR CU, Inmetro & IECEx Class 1 Zone 1, 2, 21,22 IP 67 Material types: Brass, mild steel, 316L stainless steel, M16 thru M75 or NPT 1/2" thru 4"

