



Harsh & Hazardous



The Complete Electrical Solution
for Industrial Environments

Extreme environments demand superior performance, which is why you will find Hubbell products and systems installed in many of the most arduous and safety-critical locations worldwide.





The Hubbell Harsh & Hazardous group combines dedicated, market leading brands within the Hubbell portfolio to provide a complete package for companies operating in some of the toughest environments on the planet.

We are committed to providing quality products and services that will meet and exceed your expectations. Our principal activity is the design and manufacture of rugged and hard wearing products. These include telephones and communication products, lighting, control gear and electrical connection products; all designed to operate primarily in extreme outdoor, hazardous and corrosive areas.

As a group, we encourage engineering excellence. We are driven to utilize leading edge technologies and manufacturing techniques to help you fulfill your specific requirements. Our product ranges are designed and certified to many of the leading global standards:





Austdac supplies communications, gas monitoring, intrinsically safe lighting and conveyor control equipment to coal mines and general industry. Austdac offers complete communication solutions from deep underground up to the surface.

Conveyor Control & Monitoring

Austdac's conveyor control systems are designed in compliance with Australian conveyor codes. They permit full current isolation including lanyard switches, cable and pre-start warning equipment and all accessories and fittings.

The conveyor system is intended to suit all applications using a combination of audio and visual pre-start alarm systems, incorporating emergency stop, remote isolation, fault indication, and lockout position on conveyor belts over eight (8)km long.



This has several benefits:

- Safety Integrity Level 3 (SIL) rated emergency stop equipment
- Complies to international safety standards (IEC 61508) and Russian safety standards
- Monitoring and emergency stop facilities available on same line
- Can monitor and control up to 128 discrete points, either digital and/or analogue



Safety Equipment

Our equipment can help the mining industry not only operate in a safer mode by integrating a total communication and monitoring system, but also to help increase productivity and reliability within the mining industry as a whole.



- SCSR maintenance test CSE unit
- Range of self-contained oxygen self rescuers
- Oxygen candles
- Escape guidance ropes
- LED cap lamp
- LED Smartlight cap lamp
- LED lightweight miners' lamps



Gas and Monitoring Equipment



- Gas monitoring equipment that uses electronic sensors for confined space entry
- Carbon monoxide and smoke detection
- I.S. vehicle gas monitoring
- Trolex range of sensors for gas monitoring and ancillary equipment



Power Supplies, Lighting and Monitoring



- Ex e and I.S. lighting for hazardous areas
- Power supplies and batteries, Ex em and intrinsically safe versions
- UPS
- Longwall and lighting systems
- Specialized cables that have robust and weatherproof quick release connectors for areas where robust cables are necessary



Voice Communications

Austdac telephone systems are certified to Australian & Mines Department standards and in compliance with the Australian Telecommunications Authority. Complete communications system from underground to surface. Full support from design, manufacture and installation to maintenance and service.



- I.S. weatherproof industrial telephones
- Leaky feeder and inductive radio systems with data transmission and telephone access

Longwall Equipment



Communication & lockout stations with telephone keypad can also be used in conjunction with a keypad to allow direct dial facility from underground directly into the DAC I.S. Telephone system.

These stations can have a remote isolation facility (when used with a signal line system) and an Interrogate Button to allow the operator to access pre-recorded "belt stoppage" messages.

Face and BSL E-Stops feature large, easy to operate STOP button in robust stainless steel enclosure.

Amplifiers are available for voice communication and signalling.

Termination units monitor and control the pre-start alarm signal down the face.



Chalmit Lighting was originally founded in 1910 to manufacture and supply equipment for the large marine market based on the River Clyde. Today, Chalmit is a world leading supplier of premium quality fluorescent and HID lighting products for use in hazardous area, industrial and marine environments. To meet the demands

of global project specifications we can provide a complete product range that complies with all international codes and standards.

Chalmit luminaires are designed to operate in potentially explosive and corrosive atmospheres. A Chalmit luminaire will function as required, when required no matter what the environmental conditions. Energy efficiency and photometric excellence are fundamental criteria in the Chalmit design philosophy.

Although Chalmit is predominantly involved with hazardous area and specialized industrial lighting, we are totally committed to the promotion of good and efficient lighting practices. Chalmit is an active member of the Lighting Industry Federation and continuously strives to raise the standards of safety, performance and education in lighting.

Evolution - Photometric Excellence

Chalmit Lighting luminaires are designed to ensure that they are simple to install and easy to maintain. This means a reduction in installation time and a significant reduction in overall site maintenance costs.

The Evolution range embodies this design philosophy. With its single bolt opening, the floodlight ensures easy access to lamp and control gear. Inspection and maintenance of the flamepaths is not required as they are not exposed. Instead, the unique design locates these within the IP67 sealed area of the control gear. In this respect, the Evolution can effectively be classed as maintenance free.

The Evolution II (pictured below) also benefits from an asymmetric reflector design. This means installation with an aiming angle from 0° to a maximum of 20° compared to a typical 45° angle for Symmetric floodlights.



This has several benefits:

- Increased photometric efficiency - Higher lighting levels due to better utilization of light
- Increased energy efficiency - Fewer floodlights to meet required lighting levels = reduced energy consumption
- Reduced glare & light pollution - Lower cut off angle
- Light where you need it
- Better Uniformity of light

Leading LED Design



In addition to innovative floodlight products, Chalmit has also been pioneering the use of LED technology in extreme environments. We have been involved in the real life application of LED based luminaires since the early 1990's and have a proven track record of many reliable installations.

The NexLED bulkhead utilizes the latest in LED technology to provide instant illumination. As the LED market evolves, so does the NexLED, with ever increasing light output. The NexLED requires no re-lamping making it virtually maintenance free and is unaffected by low temperatures. This combination makes the NexLED ideal for extreme environmental applications (-45°C to +55°C).

New initiatives in LED design have led to the development of the SOLAS emergency projector. Designed to provide safety critical lighting in emergency evacuation situations, SOLAS provides instant illumination during the launching of lifeboats to ensure the way is clear of hazards. A non-emergency version is also available that can provide continuous maintenance free operation for a wide range of applications.



HID and Fluorescent Lighting

Chalmit Lighting is the worlds leading supplier of HID luminaires for harsh and hazardous environments. Our marine grade aluminum wellglass, floodlight and bulkhead ranges have been used in some of the toughest environments in existence.

Chalmit are widely regarded as the experts in extreme low temperature installations with a proven track record in Sakhalin Island, Siberia and Kazakhstan. However Chalmit luminaires are equally at home in high ambient environments such as the Nigerian delta or the arid deserts of the Middle East.





GAI-Tronics designs and manufactures rugged communications equipment and solutions for demanding environments worldwide; supplying PA/GA systems, evacuation systems and intercom equipment to industry and the public sector. The

ability to withstand unforgiving extremes of temperature, moisture, contamination, sunshine, wind, dust and salt, make GAI-Tronics equipment perfect for remote and hazardous applications.

All products meet stringent safety specifications and are approved and certified by leading international regulatory bodies. Founded in 1946, GAI-Tronics equipment can be found on rail and road networks, oil and gas installations, sterile areas and public assistance locations. GAI-Tronics' intercoms, paging systems, and telephones have been loud and clear for 60 years.

Public Address, General Alarm & Evacuation Systems

GAI-Tronics' range of hazardous area products and systems include life-critical alarm notification and emergency evacuation for Zone 1, Zone 2 and standard industrial areas. All public address, alarm, evacuation and intercom systems are designed and built in-house.



NOVA PA/GA Systems address multiple zones, multiple networks and multiple speech path applications such as large petrochemical facilities.

Elemec plus™ systems address self-contained applications such as platforms and FPSOs.

ADVANCE SmartSeries™ systems combines public address with multi-station intercom capability.

GAI-Tronics PA/GA systems have a selection of unique features and can be interfaced with Page/Party® and all GAI-Tronics® industrial communications systems. All GAI-Tronics® PA/GA systems allow for real-time remote status monitoring.



The real-time state of the system's alarm, page zones, and beacon outputs, together with the control inputs can be monitored. This enables the user to monitor all inputs from other devices such as the fire & gas system, therefore extending the monitoring capacity of the system.

The D600i Class D amplifier comprises 2 x 300W channels, each capable of independent operation. Its own internal power supply reduces the risk of single point failure. Fault protection and ultrasonic load sensing are contained within the amplifier, as are thermostatically controlled fans. System expansion is easily achieved by simply adding more amplifiers without the need to change the controller hardware.



All GAI-Tronics® PA/GA systems are designed to comply with and approved for DNV/ABS/SOLAS/CCS/UKOOA.

Industrial Telephones

GAI-Tronics telephones are weather resistant and include features specific to their intended environment. Connectivity options include analogue, wireless, GSM or Voice over Internet Protocol (VoIP). Headset options and varied handset cord lengths are available.



Hazardous Area Telephones are approved for use in Zone 1, Division 1 and any other environment where volatile gases and dust are a major consideration, including the world's first Zone 1 VoIP telephone.

Industrial Telephones are suitable for the extreme operating environment where dirt and high noise is common, and incorporate large buttons on sealed keypads for use with gloved hands.

Emergency Telephones are designed to last in harsh environments such as rail and roadside applications where there is constant exposure to dust, vibration and the elements.

S.M.A.R.T. Telephones allow remote monitoring and reporting. The SMART phones perform advanced self-testing to highlight the health and functionality of the unit.

Intercom / Paging

GAI-Tronics intercom and paging systems are designed for use in all industrial and hazardous environments.



Digital Intercom stations provide communications between two points, such as drill operator and rig personnel. Comprised of a central controller or intercom server and various outstations, the system's digital architecture is used to link the stations with the intercom server.

Page/Party® communication systems allow for location of individuals anywhere within the facility by accessing the page function. Two-way conversation can then occur by using the party line feature, allowing two or more people to converse without being heard over the speakers. Alarms and telephone interfacing can be added to the system.

SmartSeries™ Page/Party® stations interface with an ADVANCE Control Unit, exchanging information, including health check and the status of an associated speaker. Stations are also equipped with GAI-Tronics' SmartVolume feature to automatically adjust speaker volume by measuring ambient level noise

Common-talk communication systems are simple to use with push-to-talk, release to listen operation, to page across all other units. The systems consist of an explosion proof case which houses the electronics, and loudspeaker which also functions as the microphone.



For those who demand quality, reliability and above all, safety, Hawke International is the obvious choice.

Hawke International has provided peace of mind to contractors, installers and end users for over 55 years. Our innovative range of cable connection and termination products, specifically designed with the customer in mind, have gained worldwide approval and credibility for the testing conditions of hazardous locations and hostile environments.

Our customers' requirements for sustained safety and reliability under extreme conditions are Hawke's primary objectives. Furthermore our superior designs allow ease of installation, use long life materials and are manufactured to rigorous quality standards. All this provides the customer with unparalleled benefits of the lowest lifetime cost of purchase.

Hawke International recognizes that the demands of the customer base never stand still and we are therefore committed to the ongoing development of our products and features to provide improved safety, versatility, reliability and ease of use.

Ex Enclosure Range

Hawke have been producing Exe enclosures for over 30 years and are very highly regarded for their quality and exceptional strength – something extremely important in the demanding environments of the Oil & Gas, Petrochemical and other Harsh and Hazardous industries.

Glass Reinforced Polyester PL Range



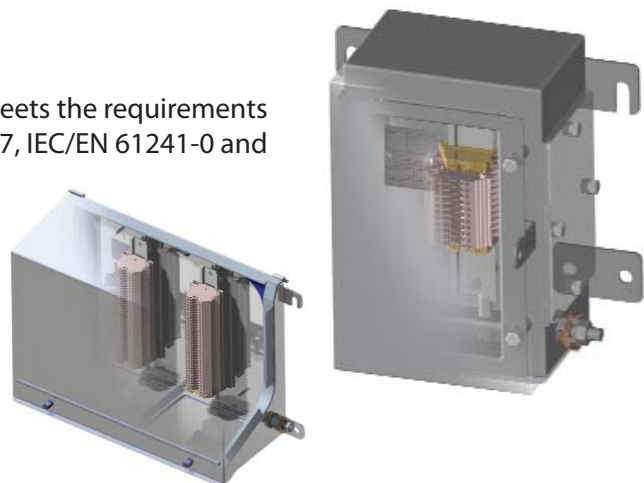
These enclosures are a self colored black anti-static glass reinforced polyester design that meet the requirements of Exe II and ExtD to IEC/EN 60079-0, IEC/EN 60079-7, IEC/EN 61241-0 and IEC/EN 61241-1.

The PL6 Series Enclosures are of a robust design with a very high impact strength of up to 20Nm and have excellent electrical insulation properties.

Stainless Steel S & Eze Range

These enclosures are a stainless steel design that meets the requirements of Exe II and ExtD to IEC/EN 60079-0, IEC/EN 60079-7, IEC/EN 61241-0 and IEC/EN 61241-1. The material qualities and electropolished finish provide a very high corrosion resistance.

Should you require a stainless steel enclosure outside of our standard range of products Hawke can offer a bespoke enclosure design service.



Ex Connector Range

Hawke connectors are ideal for use where temporary but safe disconnection of power is critical. Our Ex range of connectors permit safe and rapid service, repair and replacement of key plant, provide quick connection to temporary and permanent equipment and greatly reduce hook-up time in capital-intensive processes.

Hawke's range of connectors cover three main application areas: Instrumentation, Control and Power.



InstrumEx - This revolutionary design allows the live mate and de-mating of signal and low power in hazardous areas safely and quickly. The InstrumEx connector is available with two insert options: the 4-way option will accept cores ranging between 0.5mm² and 2.5mm² and can operate up to a maximum current of 10A (AC1) at 250V AC & 2.5A (DC1) 60V DC. The 8-way option, designed predominantly for ethernet applications, will accept cores ranging between 0.14mm² and 0.37mm²

and can carry 1A (AC1) at 60V AC & 0.5A (DC1) 60V DC. InstrumEx connectors include an integral Hawke cable gland for easy termination of both armoured and un-armoured cables.

ControlEx - The 3rd generation of Control connectors include many features and refinements as a result of consumer feedback, which makes them particularly suitable for control and low/medium power applications. The robust stainless steel body can hold up to 60 contacts and will accept conductor sizes ranging between 0.5mm² and 35mm², operating up to 125A and 660V.



PowerEx - The PowerEx range of connectors have been designed specifically for the extremely demanding requirements of higher power applications. Inserts are available with 1 to 4 contacts with a conductor acceptance range of between 50mm² and 630mm² operating up to 780A and 750V as standard. Other voltages are available on special request.



Cable Glands



Designed to terminate cables, Hawke glands provide a weather and gas-proof sealed connection between the cable and its associated equipment. The cost of a cable gland is insignificant when compared to that of other equipment. However, the cost of failure is high. Though some cable glands may just be "fit for purpose" what would be the potential cost of failure?

Hawke cable glands have many patented features which bring numerous benefits to owners, operators and installers alike. Features such as the reversible armour clamp (RAC) ring, deluge seal (preventing water ingress into the gland as well as equipment), diaphragm seal (which prevents cable damage to soft bedded cables), and the Hawke back seal (with extremely wide cable acceptance and exceptional pull out resistance) all help reduce installation time, inspection time and reduce overall lifetime costs.



Hawke provides specific glands for Group I (Mining), Group II (Hazardous Area) and Industrial applications.

KILLARK®

Established in 1913, Killark has become a global provider of harsh and hazardous location products.

Killark products are designed to go where our customers need them to be. From the searing heat of Saudi Arabia, where heat and humidity descend like a hammer in the late afternoon, and the heat index often breaking +60 °C. To the freezing conditions of the Mayo Yukon, Canada, where it gets so cold that bare skin would instantly freeze to exposed metal in the -62 °C temperatures.

Safety and reliability has been the cornerstone of our business for almost a century.

Enclosures / OEM Solutions / Controls



At Killark we understand that each of our customers have different needs. Our committed employees work in combination with our clients engineering staff to ensure our enclosures meet and surpass their expectations.

Our extensive range of bolted and threaded enclosures are utilized daily for use with control, monitoring, detection, and automation products.



The Killark product portfolio of control products come in both metallic and non-metallic designs. The size and depth of the control product range enable us to provide the best solutions to your control problems.



Distribution and Control Equipment



Killark offers solutions to your distribution and control applications to both North American and IEC Standards. From lighting, trace heating and power distribution applications to complex PLC control systems, our applications engineers have a competence to take a project from conceptual to finished goods.

The versatility of our product range allows us to use multiple enclosure coupling techniques to cater to all demands of our clients.

From single point protection to rack applications, Killark provides cost effective solutions with high quality, reliability and ease-of-maintenance built in.



Lighting



Killark luminaires are suitable for the extreme environments seen world wide in industrial applications. Typical installations include oil & gas extraction, refineries, chemical, coal, food/grain, pharmaceutical, wastewater and marine. Available in copper-free aluminum, fiberglass reinforced polyester, or stainless steel. Killark lighting fixtures meet and exceed the requirements for corrosive, vibration, or explosive atmospheres.

Housing styles include floods, wallpacks, linear fluorescent, and enclosed/gasketed area lighting with a range of mounting styles and Killark's exclusive patented swing-barrel nut attachment system.



Killark's lighting products encompass the latest in long life energy and labor saving LED, Induction, and Fluorescent technologies in a variety of housing types for virtually any application - the range of Killark lamp sources include:

- LED - High Brightness solder-less connected field replaceable boards
- Induction - 55 to 165Watt
- HID - 35Watt HPS to 1000W Metal Halide
- Fluorescent - Linear and Compact
- Signaling - LED and Xenon
- Emergency - Battery Backed Linear and Compact Fluorescent; Halogen



Plugs and Receptacles



Ranging from 20 Amp bladed style to 200 Amp pin & sleeve configurations, Killark provides numerous solutions for safely supplying power to fixed and portable equipment in hostile (wet – corrosive – hazardous) environments.

Interchangeability with the other brands provides user flexibility in real world applications, while including exclusive features and benefits, such as Breech-lock caps with "3rd Hand" notch.

Devices include plugs, receptacles, panel receptacles, and connectors to extend the reach of portable equipment. For personnel safety, ground fault protected receptacles, both portable and fixed, are available.



Connectors and Fittings



A major factor in all harsh and hazardous environments is the ability to provide reliable cable terminations and conduit connections.

Copper-Free Aluminum Connectors are designed to terminate jacketed interlocked cables (MC), corrugated continuously welded metal clad cables (MC-HL) and non-armored cables (SO, TC).

Iron and Aluminum Fittings for rigid and IMC conduit raceway systems. Third party certified to NEC, CEC, ATEX and IEC Standards which enables equipment and installations to be suitable for global applications.





Victor was founded in 1929 to supply hazardous area equipment including lighting, cable couplers and connectors to the mining industry. From these beginnings Victor Lighting has evolved to develop luminaires for a wide range of hazardous areas above ground including the oil and gas industry. Our 80 years of experience in manufacturing hazardous area equipment, ensures that Victor luminaires are built to the highest standards of quality and reliability.

As a company we have used our knowledge of hazardous and industrial environments to inspire a number of unique design concepts. The result is a range of innovative lighting solutions that combine quality and durability with excellent photometric output. Offshore or onshore, we believe there is a Victor luminaire to meet your lighting requirements no matter how arduous your environment.

Unique Lighting Solutions for Hazardous Areas



The Trident range of Exe luminaires brings an innovative design solution for the lighting of hazardous areas. With its distinctive profile, the Trident is lightweight yet robust and can be mounted in any orientation. It is able to withstand the extremes of climate conditions faced by energy operators around the world.

- Small gasket area = Exceptional ingress protection
- Unique cassette system allows quick, easy re-lamping – no need for mains isolation
- Unparalleled UV protection
- Dedicated pole mount version

The unique 'Third emergency lamp' approach provides additional flexibility in lighting design and management. A non-emergency Trident VL125 can become an emergency VL126 luminaire simply by retro-fitting the 'lamp in lid' 11W compact fluorescent assembly.

This design also guarantees lamp integrity as it is only used in emergency situations.



Innovative Wellglass Design



Victor wellglass luminaires also incorporate unique features designed to make installation and maintenance quicker and easier. The Monarch II lamp chamber utilizes the restricted breathing ExnR concept and lamp access is by means of the screwed cover glass, whilst the control gear area is separated from the lamp chamber by a barrier and is non-sparking ExnA, meaning that no special cable glands are required.

The luminaire also makes use of the swing-barrel nut system. This allows users to easily install the mounting base first and complete the mains wiring without the need to support the body and lamps during installation. This simple design saves on both time and labor costs during installation and maintenance activities. The swing-barrel nut system can be tightened with an ordinary screwdriver or nut driver without the need for special tools.



High Performance and LED Solutions

Lighting technologies such as LED's continue to evolve and change leading to increased efficient and lumen output. As such, Victor Lighting is working with the leading manufacturers to develop a range of performance LED based solutions. This includes the Vanguard wellglass designed Helideck perimeter lighting. The Vanguard uses high output green LED's and complies with the latest CAP437 regulations for Helideck lighting.



Floodlighting



Victor's range of marine grade aluminum floodlights are designed with simple installation and maintenance in mind. Features include a separate, easy access Exe terminal chamber and hinged covers with captive screws for quick and safe lamp replacement.

Our floodlights are also designed to be efficient and boast some of the best photometrics of any floodlight on the market.



Experience. Technology. Answers.™

BURNDY® is a leading manufacturer of electrical connectors, installation tools and cable accessories for standard, harsh and hazardous environments.

We have over 85 years of extensive experience in producing power and grounding connectors, mechanical, battery and hydraulic installation tools, and wiring accessories such as cable ties and heat shrink tubing.

BURNDY is a major participant in the OEM, commercial and industrial construction and maintenance segments of both the domestic and international electrical construction materials market.

Today, BURNDY is known for providing individual customer solutions to along with many industry standard connectors and tools.

For cables from 26 AWG to 2500 kcmil and 0.3 to 1000 mm² we can tap, terminate or splice it for you. Our in house lab capabilities allow R&D efforts to support new product development as well as user defined requirements.



BURNDY® HYGROUND®



In Harsh and Hazardous locations safety is a primary concern. Proper grounding is a large part of safety as managers look to protect their people, plants and equipment. Burndy HYGROUND can provide huge cost savings and peace of mind.

BURNDY HYGROUND is the safest, most cost effective, time effective and easily inspected grounding system available today. A compression connection can be made in three minutes, or about half the time of a similar exothermic connection. Also unlike

exothermic connections, BURNDY HYGROUND connections can be easily removed and replaced for greater time saving opportunities.

This compression system can be safely installed in areas containing hazardous chemical or gasses.

BURNDY® Compression Tools

To complement our connection solutions, BURNDY also supplies a wide range of hydraulic, battery and mechanical tools and accessories. These devices are designed to assist in safe and rapid installation. This allows you to keep your entire job site work on schedule no matter what the weather conditions.



WIEGMANN®

With over 80 years of extensive experience in the manufacture of electrical enclosures, Wiegmann specializes in extreme/corrosion environmental protection. Enclosures are offered in 316SS, 304SS and in non-metallic for severe service applications, as well as in carbon steel for more traditional duty.

Stainless Steel Enclosures



Ultimate Enclosures in 316 or 304 stainless steel with formed-in-place polyurethane gasket and continuously plasma welded seams. Available with or without a slope top, the 20 degree slope helps to deflect contaminants.



Ultimate Enclosures with FIP gasket, seam welded construction and viewing window.



Floor Mount NEMA 4X Stainless Steel Double Door Enclosures with continuous hinge, FIP gasket, 3 point latching handle and lifting eyes.



JIC NEMA 4X Stainless Steel Single Door Junction Boxes with FIP gasket, seam welded design and continuous or lift off hinge.



Since 1911, the Gleason Reel Corporation has been producing high-quality cable/hose management systems for demanding environments such as potash mines, steel mills, chemical plants, land-based offshore drillings and more. Our products are manufactured in the USA at our Mayville Wisconsin facility.

Gleason PowerTrack™ (drag chain)

When you are in need of moving multiple cable/hoses on reciprocating equipment, drag chains are often the best solution. Gleason can offer you a high quality Powertrak product to fit your application, utilizing stainless steel, zinc plated steel or nylon construction. With Gleason Powertrak you can be assured of receiving a ruggedly reliable product designed for your Harsh and Hazardous environments.



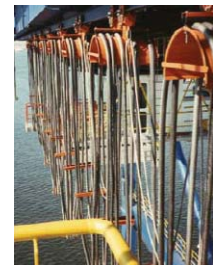
Gleason Cable/Hose Reels



When your need is to manage a single cable or hose, Gleason reels are a great answer. Gleason's large variety of reels includes models for electric power cables, small multi-conductor cables for control or communication, as well as reels to manage your hydraulic or pneumatic hoses. These reels all feature heavy-duty construction, which will provide high quality, reliable service in your Harsh and Hazardous environment.

Gleason Festoon Systems

When your equipment needs to move and you must run your cables and hose up off the floor, Gleason festoon systems provide an effective solution. Gleason festoon systems are available in both C-Rail and I-Beam styles and feature a wide variety of sizes, a choice of material finishes such as painted carbon steel, galvanized steel or stainless steel, as well as the option of either steel or nylon main running wheels.



www.hubbell-gleason.com



Industrial Controls Division

Hubbell Industrial Controls provides a broad line of AC and DC control devices for rugged industrial-duty applications including: contactors, relays, switches, radio remote, pendant pushbuttons and power resistors.

Type XPBC Pushbutton Station

XPBC Stations use inserts similar to the PBC and WPBC stations. XPBC enclosures are made of cast aluminum and are engineered to meet hazardous duty requirements.

- 150VAC or 300VDC.
- Rated for NEMA Type 7, Class 1, Group C or D, Div. 1 or 2, Indoor Hazardous Locations.
- Up to five speed points and eight common circuits for each direction.
- Stainless steel operating plungers.
- Pendant and surface mounted models.



Speed Switch



Speed responsive switches detect motion, or sense over-speed or under-speed occurrences of industrial machinery or motors. Hubbell Industrial Controls, Inc. has both direct coupled or non-contact type switches for; directional, non-directional, plugging, anti-plugging, over-speed, under-speed, and also zero-speed applications. Many enclosure styles are available including surface or flange mounting with NEMA 3, 4, 7, 9, 10 or 13 construction.

www.hubbell-icd.com

As a group, Hubbell Incorporated designs and manufacturers a wide range of quality electrical and electronic products for non-residential and residential construction, industrial, and utility applications.

Hubbell Harsh & Hazardous is part of the Electrical Systems division. There are also many other Hubbell brands you may recognize. Further details on each brand can be found at www.hubbell.com.

Other Hubbell Electrical Systems Brands:



Hubbell Power Systems Brands:



Hubbell Lighting Brands:



Our brands are all long established and well respected businesses within each of their industries. To find out more about a specific brand visit the websites listed.

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