Product Solutions for Food & Beverage

Keeping the food and beverage industry productive, safe and compliant

Crouse-Hinds
by EATON

Food & beverage solutions

Product solutions designed to keep the food and beverage industry efficient and code compliant, while ensuring workplace safety and reducing downtime.

From fast moving production lines to controlled batching rooms and cold storage, we know you face a myriad of challenges in the food and beverage industry.

You are challenged with increasing efficiency and flexibility, reducing downtime and ensuring workplace safety, all while maintaining compliance with new and existing regulatory requirements.

To meet those challenges, you need to know which product choices make the most sense, and you must be able to get the products and support you need precisely when and where you need it.

Eaton's Crouse-Hinds Business has the solutions and support to keep the food and beverage industry productive, safe and compliant. We offer a world-class portfolio of products specifically designed for harsh environments where oils, chemicals, detergents and wash downs are commonplace. Our field-proven products offer inventive designs for reducing downtime, delivering labor savings and ensuring personnel and equipment safety in the workplace.

Focused on output

Product solutions for processing and storage facilities

LED Lighting
Maintenance-free and energy-efficient

The broadest portfolio of LED luminaires for any industrial or hazardous application.

Control & Apparatus
Flexible and modular solutions

Innovative, intelligent NEC and IEC solutions safely and efficiently control power and protect circuits in explosive, wet and corrosive environments worldwide.

Fluorescent & HID Lighting
Durable and energy-efficient

Proven technology, technical support and UL/CSA certifications with an unmatched selection of luminaires.

Cable Glands & Fittings
Rugged connectors for extreme conditions

Time-tested, innovative conduit fittings, cord connectors and cable glands move power where you need it simply and safely in any electrical installation.

Enclosures
Performance and reliability

Available in a comprehensive range of sizes, each with various configurations for a multitude of applications.

Plugs & Receptacles
Simple and secure powering solutions

Extensive configurations, custom capabilities and numerous interlocked designs provide safe and reliable solutions for fixed and portable power applications in industrial and hazardous environments.

LED lighting solutions

Offering the broadest portfolio of LED luminaires for industrial or hazardous applications

We utilize more than 100 years of lighting expertise to optimize the benefits of LED technology to offer the safest and most reliable LED luminaires on the market.

Whether you need to light a batching room or bottling line, we have a solution that will exceed your needs. Featuring high performance LEDs and a solid state electronic driver, our LED luminaires improve energy consumption and reduce maintenance for relamping.

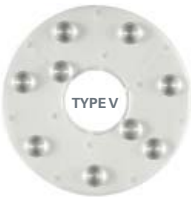
Three optical options to maximize light distribution and intensity

TYPE I
Ideal for:

- Conveyor belts
- Aisles and hallways
- Catwalks and walkways
- Ramps and loading docks
- Tunnels with overhead mounts

TYPE III
Ideal for:

- Narrow crosswalks or passages with wall mounted fixtures
- Tunnels with wall mount
- Wall or stanchion mount requiring 180° forward throw beam patterns



TYPE V
Ideal for:

- Pendant, ceiling or stanchion mount overhead building mounts
- Processing mills, large buildings, warehouses, etc.

Champ® Pro PVM Series LED Luminaires

Application

Champ® Pro PVM Series Luminaires are designed to provide full-spectrum, crisp, white light with custom Type I, III and V distribution.

Five versions of the Champ PVM LED are available, providing ideal solutions for a wide range of applications.

Certifications

- UL1598
- UL1598A
- cUL Listed to CSA Standard CSA C22.2 No. 250
- Type 4X
- IP66
- DesignLights Consortium® pending for select models
- CE

Features

- Custom optics designed for each individual discrete LED
- High efficiency discrete LEDs
- Color temperature: warm and cool options available
- Advanced heat sink design ensures low LED junction temperature and sustained lumen performance
- Redundant drivers provide reliable operation in the harshest environments

Model	Equivalent HID Luminaire	Typical Energy Savings/Lifetime
PVM3L	70W-100W	Up to 77% reduction in energy costs and 60,000 hours of continuous operation!
PVM5L	100W-150W	
PVM7L	150W-175W	
PVM9L	250W-400W	
PVM11L	400W	

Vaporgard™ Pro P2L Series LED Luminaires

Application

Vaporgard™ LED Series Luminaires provide uniform crisp, white light and are suitable for lower mounting heights, confined spaces or utility rooms.

Using four high brightness LED arrays, this fixture can deliver similar light levels to 150 watt incandescent lamps.

Features and Certifications

- High brightness LED arrays
- Color temperature: warm and cool options available
- Advanced heat sink design ensures low LED junction temperature and sustained lumen performance
- 22W LED system can save up to 85% in energy costs
- Certifications: UL1598; UL1598A; cUL; NEMA 4X; IP66; DesignLights Consortium® approved for select models

Industrial High Bay Series Luminaires

Application

Delivering over 13,000 lumens, high bay luminaires are perfect for locations requiring continuous and consistent light levels, requiring frequent on-and-off of lights and that are difficult to relamp or that cause production to be stopped during the lamp maintenance process.

Features and Certifications

- High efficiency serviceable drivers
- Powder coated white painted sheet metal body
- Mounting bracket for ¾" pendant mount conduit or hook/cord mounting option
- Aluminum heat sinks for superior thermal management
- Two discrete LED boards for uniform illumination
- Tempered and clear glass lens cover
- Optional polycarbonate lens available
- Hook and cord mounting option available
- Certifications: Meets UL1598 and cUL construction requirements*; DesignLights Consortium®**

**Not UL Listed.*

***For /UNV1 model. Refer to page 2 of the D-0413 authorized distributor price book for Crouse-Hinds standard Terms and Conditions.*

Champ® Pro PFM Series LED Floodlights

Application

Champ® Pro PFM Series Floodlights are designed to provide full-spectrum, crisp, white light.

Seven versions of the Champ PFM LED are available, providing ideal solutions for a wide range of applications.

Features and Certifications

- High brightness LED arrays
- Color temperature: warm and cool options available
- Advanced heat sink design ensures low LED junction temperature and sustained lumen performance
- Redundant drivers provide reliable operation in the harshest environments
- Certifications: UL1598; UL1598A; cUL; NEMA 4X; IP66; DesignLights Consortium® approved for select models

LL48 Linear LED Luminaires

Application

The LL48 Linear LED Luminaire allows for the replacement of existing harsh and hazardous industrial fluorescent fixtures and provides an energy-efficient proven light source for use in applications where reliability is critical.

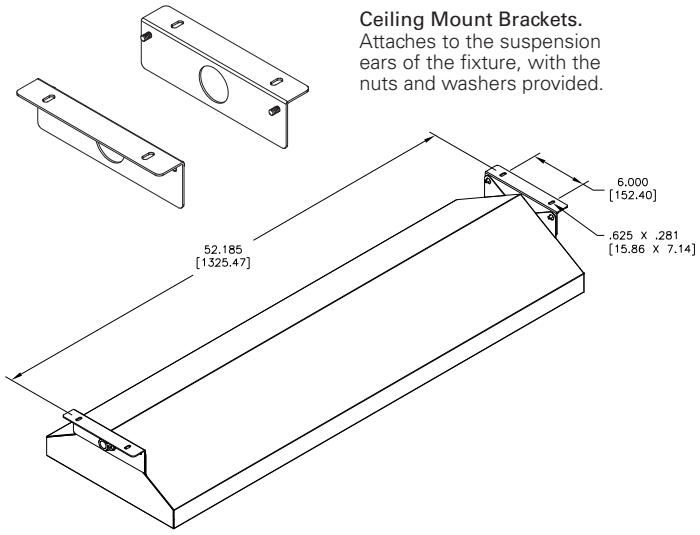
Features and Certifications

- Designed to match footprint of traditional linear fluorescent fixture
- Same light pattern and lumen output at a fraction of the energy cost versus fluorescent
- Withstands extreme vibration
- Wide operating temperature range -35ºC to +55ºC
- Certifications: Class I, Division 2, Groups A, B, C, D; NEMA 4X; IP66; UL844; UL1598; UL1598A; C22.2 No. 137

Fluorescent lighting solutions

Delivering installation savings, energy conservation and improved performance

As a leading supplier of area and emergency lighting solutions for installation in harsh, hazardous, wet and corrosive environments, our Pauluhn™ products are specifically designed for food and beverage and other high abuse applications. Wherever reliable, cost-effective lighting is critical to the safe, secure and productive functioning of your operation, you can count on Pauluhn from Eaton's Crouse-Hinds Business.



Ceiling Mount Brackets.
Attaches to the suspension ears of the fixture, with the nuts and washers provided.

Pauluhn™ Apex Series Linear Fluorescent Luminaires

Application

Ideal luminaire for use in high, mid and low bay applications.

Designed for use in:

- High pressure hose-down areas
- Food and beverage processing facilities
- Freezer and refrigeration
- Grain and sugar milling, processing and storage
- Warehouse and storage facilities

Certifications

- Class I, Division 2, Gas Groups A, B, C, D
- Class II, Divisions 1 & 2, Dust Groups F, G
- Class III
- NSF/ANSI 2-2007 Splash Zone
- Canadian Processed Products Regulations C.R.C., C. 291

Features

- High output luminaire, up to 30,000 raw lumens
- Available in aluminum and stainless steel
- Available with T5HO lamps
- Debris shedding design: peaked housing prevents particulates from collecting
- Optional high efficiency reflector for up to 95% total reflectivity
- Optional, self-contained emergency battery back-up ballast
- USDA compliant materials

Pauluhn™ Summit Series Linear Fluorescent Luminaires

Application

Ideal luminaire for use in high, mid and low bay applications.

Designed for use in:

- High pressure hose-down areas
- Grain and sugar milling, processing and storage
- Food and beverage processing facilities
- Freezer and refrigeration

Features and Certifications

- High output luminaire, up to 30,000 raw lumens
- Available in aluminum or stainless steel, USDA compliant materials
- Optional, self-contained emergency battery back-up ballast
- Optional high efficiency reflector for up to 95% total reflectivity
- Pendant, feed-through or combination mounting styles
- NSF/ANSI 2-2007 Splash Zone
- Canadian Processed Products Regulations C.R.C., C. 291
- Available in hazardous and non-hazardous versions
- Certifications: Class I, Division 2, Gas Groups A, B, C, D; Class II, Divisions 1 & 2, Dust Groups F, G; Class III

Pauluhn™ Resista (WashPro) Series Linear Fluorescent Luminaires

Application

Ideal luminaire for use in high, mid and low bay applications.

Designed for use in:

- High pressure hose-down areas
- Food and beverage processing facilities
- Grain and sugar milling, processing and storage

Features and Certifications

- High output luminaire, up to 30,000 raw lumens
- Hose tested at 1500 PSI for 60 minute duration, at 5 and 10 ft. distances, nozzle dispersion 0 degree
- Optional self-contained emergency battery back-up ballasts
- Options include: stainless steel end caps and disconnect straps, quick disconnect receptacle and center stud mount end caps
- USDA compliant, NSF/ANSI 2-2007 Splash Zone and Food Contact (WPS version)
- Available in hazardous and non-hazardous versions
- Available in 2', 4', and 8' lengths
- Certifications: Class I, Division 2, Gas Groups A, B, C, D; Class II, Division 2, Dust Groups F, G; Class III

Pauluhn™ Intrepid Series Linear Fluorescent Luminaires

Application

Ideal luminaire for use in mid and low bay applications.

Designed for use in:

- Watertight requirements
- Food and beverage processing facilities
- Dust-tight requirements
- Corrosive environments

Features and Certifications

- Available in stainless steel, aluminum or non-metallic
- Stainless steel latches, mounting feet and lens retainers
- Impact-resistant UV stabilized polycarbonate lens
- Third party certified for operation in high ambient temperatures, up to 65°C (149°F)
- Optional, self-contained emergency battery back-up ballast
- Shoc♦Loc™ bi-pin spring lampholders for T5, T8 and T12 lamp types provide superior resistance to shock and vibration
- USDA compliant, NSF/ANSI 2-2007 Splash Zone and Food Contact (SS version)
- Canadian Processed Products Regulations C.R.C., C. 291
- Available in hazardous and non-hazardous versions
- Certifications: Class I, Division 2, Gas Groups A, B, C, D; Class II, Division 2, Dust Groups F, G; Class III; NEMA Type 4; IP66; ABS

Pauluhn™ Repel Series Linear Fluorescent Luminaires

Application

Ideal luminaire for use in high, mid and low bay applications.

Designed for use in:

- Wet environments
- Food and beverage processing facilities
- Freezer and refrigeration
- Warehouse and storage facilities

Features and Certifications

- High output luminaire, up to 30,000 raw lumens
- Optional self-contained emergency battery back-up ballasts
- Optional high efficiency reflector for up to 92% total reflectivity
- USDA compliant materials
- Non-metallic housing with stainless steel latches
- Canadian Processed Products Regulations C.R.C., C. 291
- Certifications: NEMA Type 4X; IP66/67; UL and CSA Listed; NSF/ANSI 2-2007 Splash Zone

Enclosures

High performance and reliability for global applications

Eaton's Crouse-Hinds NEMA Industrial Enclosures are manufactured to meet the most demanding industrial environmental applications.

They are available in a comprehensive range of sizes, each with various configurations for a multitude of applications. Enclosures are certified, engineered and manufactured to perform through the most demanding conditions needed by food and beverage, chemical plants, refineries, OEMs, MRO and waste water treatment facilities.

These exceptionally durable, corrosion-resistant enclosures can withstand extreme abuse and exposure to chemicals, water and severe conditions. They have unique design features, precision manufacturing and the highest quality materials, making them the premier choice for the food and beverage industry.

Seamless, poured in place gasket

NEMA 4X Enclosures

Application

Broad offering of JIC, wall mount, ground mount and free-standing enclosures with superior ingress protection. Protects against corrosion, circulating and windblown dust, falling dirt, dripping non-corrosive liquids, rain, splashing water and hose directed water.

Certifications

- UL508 Listed, Type 4, 4X, 12, 13
- CSA C22.2 No. 94 certified, Type 4, 4X, 12, 13
- Conforms to NEMA standard for Type 4, 4X, 12, 13

Features

- Type 4X enclosures have seamless poured in place gasket for superior ingress protection
- 316L stainless steel, 304 stainless steel or 5052-H32 aluminum enclosures with brushed finish for superior corrosion resistance
- All continuous welded seams are finished smooth

Ex-CELL Series Stainless Steel or Sheet Steel Enclosures

Application

A globally certified enclosure and termination solution for Type 3S and 4X applications. Over 100 standard sizes in stainless steel and painted steel, featuring unique design features, precision manufacturing and the highest quality materials.

The premier choice for instrumentation and electrical applications across the globe.

Features

- 316L stainless steel as standard
- 304 stainless steel or painted steel as optional
- High-integrity one-piece foam-in-place polyurethane gasket

Certifications

- cULus to UL50 / C22.2 No. 94-M91, Types 3S, 4, 4X
- ATEX II 2 GD Ex e II T6 IP66 (PTB02ATEX1014) for Zone 1, 2 and 21
- IECEx Ex e (IECEx BKI 08.0001U)
- GOST-R and GOST-K Certified
- Ex e ia IIC, T6, T5

Non-metallic Enclosures for Non-hazardous Applications (NEMA 1, 3, 3R, 4X, 6P, 12)

Application

Made of fiberglass-reinforced polyester, non-metallic enclosures are exceptionally durable, corrosion-resistant and can withstand abuse and exposure to chemicals, water and extreme conditions.

Extensive offering of fiberglass enclosures including: small line, pushbutton, junction box, raised cover, advantage, wall mount, disconnect and Xtra deep series.

Features

- Fiberglass-reinforced thermoset polyester with poured polyurethane seamless gasket
- Stainless steel used on all external hardware

Certifications

- UL/cUL 50
- CSA C22.2
- NEMA Type 1, 3, 3R, 4X, 6P, 12
- NEMA 250

NEMA Type 7 Enclosures

Application

EJB Series explosionproof enclosures are used as a junction or pull box, enclosure for splices and branch circuit taps, terminal blocks, relays and other electrical devices.

EJB Series enclosures are certified for use in areas which are hazardous due to the presence of hydrogen or gases and vapors of equivalent hazard such as those found in process industries.

Features

- Walls of bodies may be drilled and tapped for conduit entries as shown in listings
- External flange design – wide unobstructed cover opening provides a completely accessible interior for wiring and electrical equipment
- Special neoprene cover gasket provides a watertight seal to meet NEMA 4 requirements

Certifications

- NEC/CEC: Class I, Divisions 1 & 2; Class II, Division 1 & 2; Class III
- UL Standard: 1203
- cUL to CSA Standard C22.2 No. 30
- ATEX: Ex d IIB + H_2 T6, IP66 ATEX certificate: PTB 01 ATEX 1020 U
- NEMA Type 3, 3R, 4, 4X*, 7BCD, 9EFG
- IEC Standards: EN:60079-0 and EN:60079-1

Breathers and Drains

Application

Breathers and drains are installed in enclosures or conduit systems to provide ventilation, minimize condensation and drain accumulated condensate.

Features

- Available in standard, Type 4X, combination and universal configurations
- Available in a variety of materials

Certifications

- Hazardous and ordinary location models available for applications around the world

Industrial fittings & cable glands

Products to satisfy any requirement regardless of application, style or material

Quality, breadth of offering and innovative products that deliver real value for the commercial, light industrial and residential markets. Products that deliver long, dependable service, labor savings and lower installed cost, all from a single dependable source.

Locknuts

Hex Head Reducing Bushings

Hex Head Plugs

Beam Clamps

Straps

U-bolts

Right Angle Clamps

Parallel Clamps

Conduit Hangers

Couplings

Conduit Nipples

Three-piece Couplings

Conduit

Standard Radius Elbows

Stainless Steel Fittings

Application

Stainless steel fittings deliver unbeatable corrosion protection where you need it, saving you time and money throughout the life of your facility.

Superior resistance to corrosion and heat, combined with unmatched strength, make stainless steel fittings a long-term solution for even the most extreme environments.

Certifications

- UL Listed
- cUL Listed

Features

- Self-healing properties of stainless steel fittings help reduce the penetration of rust/corrosion and eliminate damage to the fitting
- Stainless steel fittings retain their strength in extreme heat and extreme cold conditions
- Fitting surface is easy to maintain and keep clean
- Easy cleaning capabilities make these fittings perfect for food processing and other hygienic areas where wash-downs are common
- Superior strength and durability greatly reduce replacement of fittings. This will lower your total cost of ownership and increase your return on investment
- Stainless steel fittings do not require harsh environment-damaging cleaners to keep them looking like new
- Stainless steel fittings are ideal for industrial MRO and OEM applications in food and beverage, pharmaceutical, petrochemical, waste water, salt water and other corrosive environments

Liquidtight Fittings – Stainless Steel

Application

Liquidtight fittings are used to terminate and seal liquid-tight flexible metal conduit to an oil-tight, rain-tight or liquid-tight box or enclosure, where superior corrosion resistance and/or strength is required.

Features

- Made of strong, corrosion-resistant 304 stainless steel for long, dependable service
- Available in straight and 90 degree configurations, and ½" through 2" trade sizes
- Tapered threaded male hub - NPT
- Liquid-tight, rain-tight, oil-tight
- Suitable for wet locations
- Long ferrule prevents pullout and tight bend conduit pop-out

Certifications

- Class I, Division 2; Class II, Divisions 1 & 2; Class III, Divisions 1 & 2; suitable for grounding in sizes ⅜" through 1-¼" under NEC; cULus Certified; UL File No. E19189

Condulet® Stainless Steel Conduit Outlet Bodies, Covers and Gaskets

Application

Condulet® Stainless Steel Fittings' superior resistance to corrosion and heat, combined with unmatched strength, make stainless steel Condulet bodies a long-term solution for even the most extreme environments.

Features

- Fittings retain their strength in extreme heat and extreme cold conditions
- Surface is easy to maintain and keep clean
- Perfect for food processing and other hygienic areas where wash-downs are common
- Superior strength and durability greatly reduce replacement of fittings
- Conduit hubs have tapered threads and feature integral bushing for protection of wire insulation
- Outlet bodies designed to match conduit size for neat, compact installations

Certifications

- UL Standard: 514A
- CSA Standard C22.2 No. 18.1-04
- Rain-tight when installed with cover and gasket

Condulet® Stainless Steel Conduit Device Boxes, Covers and Gaskets

Application

Stainless Steel Condulet® Boxes are installed in conduit systems to accommodate wiring devices; act as pull boxes; provide openings to make splices and taps in conductors; and provide access to conductors for maintenance and future system change.

Features

- Fitting surface is easy to maintain and keep clean
- Perfect for food processing and other hygienic areas where wash-downs are common
- Internal green grounding screw - standard
- Tapered threads for protection of wire insulation
- Wide selection of covers available
- Single or double conduit entry
- Ample wiring room provided for easy installations

Certifications

- UL Standard: 514A
- CSA Standard C22.2 No. 18.1-04
- Rain-tight when installed with cover and gasket

Myers™ Stainless Steel Ground Hubs

Application

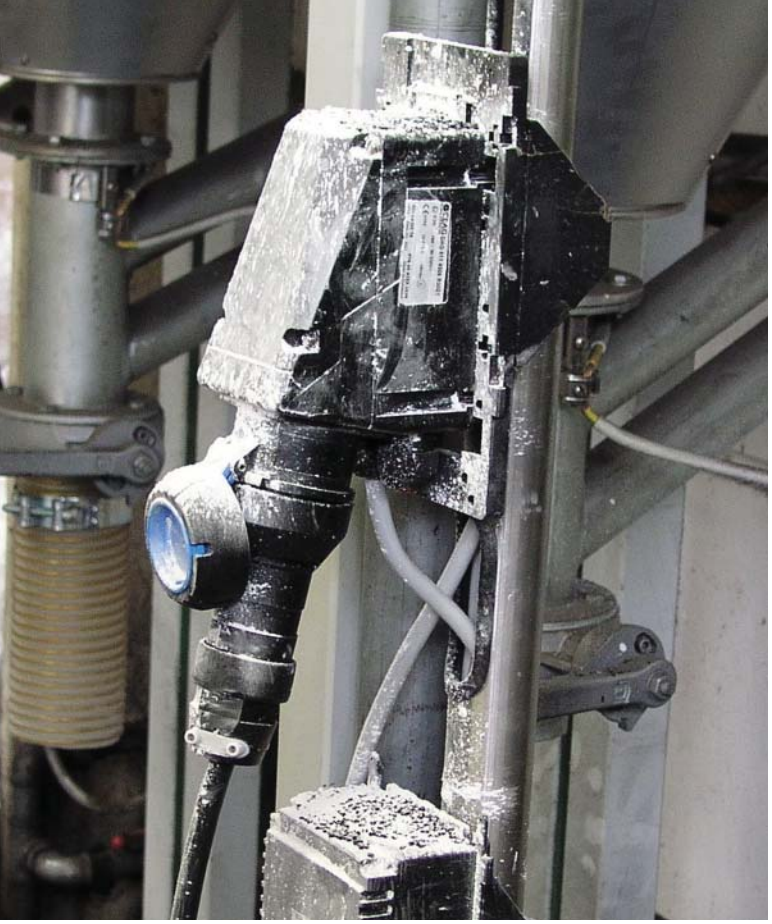
Myers™ Stainless Steel Ground Hubs are used in the termination of electrical circuits through the wall of the enclosure.

Features

- Vibration-proof
- Grounding screw for added safety
- Captive O-ring gasket
- No welding
- Posi-Lok insulated throat
- Fits standard knockout
- Controlled thread lengths
- NPSL on male thread
- Male thread (NPT)

Certifications

- Class I, Division 2; Class II, Divisions 1 & 2; Class III, Divisions 1 & 2
- UL Listed and CSA certified
- NEMA Type 2, 3, 3R, 4, 4X, 12



Plugs & receptacles

Simple and secure solutions for providing portable and fixed power

Eaton's Crouse-Hinds plugs, receptacles and connectors feature rugged construction, extensive configurations, custom capabilities and numerous interlocked designs. Engineered to provide safe and reliable powering solutions for rigging up and rigging down equipment, portable power solutions and for powering lighting systems.

Arktite® WSRD SM S901 Series Interlocked Receptacles with Enclosed Disconnect Switches

Application

Arktite® WSRD SM S901 supplies power to portable or fixed electrical equipment such as welders, compressors, conveyors, portable tools, lighting systems and similar equipment.

Arktite also prevents engagement and disengagement of the plug under load, providing safe portable connections and extended product life.

Certifications

- UL Listed – (UL Standards 98, 1682)
- cUL Listed (Certified by UL to CSA Standards C22.2 Nos. 4, 182.1)
- Enclosure Type 3, 4, 4X, 12
- IP66 enclosure

Features

- Durable enclosure design features gasket flange with continuously welded seams that stays in place when cover is opened
- Plug locks into receptacle, providing positive engagement and watertight protection
- Optional window allows for viewing of both visible blade and indicating type fuses
- Complies with OSHA lockout/tagout requirements
- Heavy-duty, epoxy coated cast aluminum receptacle with stainless steel interlocking mechanism for durability and corrosion resistance

Arktite® NBR Series Non-metallic Interlocked Receptacles with Enclosed Circuit Breakers

Application

Arktite® NBR interlocked receptacles with enclosed circuit breakers are used to supply power and provide short circuit protection, thermal overload protection and a disconnect means for portable electrical equipment such as motor generator sets, compressors and conveyors.

Features

- Enclosures are made of Krydon® exhibiting excellent resistance to corrosion and heat
- Enclosure access door is mechanically interlocked with operating handle and cannot be opened unless operating handle operator is in "OFF" position
- Operating handle can be padlocked in "OFF" position; breaker is trip-free of handle and will open under short circuit or overload when handle is in the "ON" position

Certifications

- NEMA 3, 3R, 4*, 4X*, 12
- ANSI/UL Standard: 489
- UL Standard: 1682
- CSA

**30 and 60A Style 2 only.*

Arktite® Series 30A-100A Non-metallic Plugs, Receptacles and Connectors

Application

Arktite® circuit breaking plugs, receptacles, cord connectors and motor plugs are used to supply power to portable electrical devices such as welders, motors, pumps, conveyors and other similar equipment, where electrical loads must be quickly disconnected from power sources.

Features

- Molded of Krydon® fiberglass-reinforced polyester material which is highly resistant to corrosion, heat, weathering and physical abuse
- Split-pin contact design provides 360° of electrical contact
- Spring door provides environmental protection of receptacle (NEMA 4)

Certifications

- UL Standard: 1682
- UL1010 hazardous locations (NPJ plug only)
- Wet and damp locations, watertight
- CSA Standard C22.2 No. 182.1

LynxPOWER™ Industrial Connectivity Solutions

Application

Eaton's Crouse-Hinds' extensive offering of industrial connectivity products simplify installations and change-outs for power, signal and data applications. LynxPOWER™ connectivity is designed for food processing equipment, conveyors and assembly lines, packaging equipment, pick-n-place machines, robotic equipment and industrial sensors.

Features

- Designed specifically to withstand industrial manufacturing environments
- Lowers maintenance and facility costs due to quick and easy change-out modular design

Certifications

- NEMA 1, 3, 4, 6P, 13
- IEC IP68

Non-hazardous, IEC 309 Plugs, Connectors, Receptacles and Inlets

Application

Ideal for use in damp or corrosive locations where complete protection against dirt, dust and water jets is required.

Features

- Voltage, configured, color-coded
- Watertight, impact- and corrosion-resistant
- Receptacles mount to Eaton's Crouse-Hinds back boxes
- Innovative finger lock keeps cord grip secured
- Positive grommet seal system at cord entry
- Lockout/tagout
- High grade brass contacts

Certifications

- IEC 309-1 and 309-2
- NEMA 4X
- IEC IP66
- UL and CSA certified

Control & apparatus

Flexible, modular solutions engineered to your specifications

Eaton's Crouse-Hinds is continuously developing innovative, intelligent and engineered to order NEC and IEC solutions to control power and protect circuits in food and beverage applications.

Crouse-Hinds' controls are specifically designed for safe and efficient use in explosive, wet and corrosive environments worldwide.

EMN 25 and 26 Pushbutton Motor Starters

Application

Explosionproof, compact, across-the-line manual NEMA starter for single and polyphase VAC or VDC motors.

- Used for fans and blowers, pumps, compressors and conveyors

Certifications

- Class I, Divisions 1 & 2, Groups C, D
- Class II, Divisions 1 & 2, Groups E, F, G
- Class III
- UL Standard: 1203
- cUL Standard: C22.2 No. 30

Features

- Built to protect from hose-directed water - NEMA 4
- Robust protection for start-stop buttons
- Option for no top entry for further protection from water ingress
- Pushbutton can be locked in "OFF" position
- Versatile mounting footprint accommodates field retrofit

XLPB Series Industrial Panelboards

Application

An ideal low voltage power distribution panel for harsh and corrosive applications. Built using our high quality, field-proven Ex-CELL Enclosures, the XLPB Panelboard provides long product life, NEMA 4X protection and easy installation.

Certifications

- NEMA 1, 3, 3R, 4, 4X, 12
- NEMA PB1
- UL508A Listed / cUL certified (CAN/CSA C22.2, No. 14) (UL File E246968)
- UL67 components
- UL489/CAN/CSA C22.2, No. 5 circuit breakers

Features

- High quality foam-in-place gasket prevents ingress of water and corrosive agents, reducing panel failure due to moisture/corrosion
- An integral drainage channel allows for opening the panel door without moisture or dust seeping into panel from the top side of the enclosure
- An internal/external ground stud assembly enables rapid and reliable protective ground connection
- Industrial grade NEMA 4X panel designed for harsh environments provides long product life

Control Stations

Application

N2S and GHG43 Series control stations and selector switches are used for motor control, visual indication, on-off control of circuits and circuit selection.

Features

- Designed for use in hazardous and corrosive environments
- Available in non-metallic, 316L stainless steel or Krydon® fiberglass-reinforced polyester
- Component options include pushbuttons, signal lamps, terminal blocks, ammeters, potentiometers and rotary switches

Certifications

- Class I and II rated
- UL and CSA listed
- IEC rated
- NEMA 3, 4, 4X
- IP66

**Certifications vary by model or configuration.*

Manual Motor & Line Starters

Application

NMN and GHG635 Series motor/line starters are used for across-the-line starting of motors, motor overload and phase failure protection, and also for manual starting and stopping.

Features

- Enclosures are made of Krydon® fiberglass-reinforced polyester material which has excellent corrosion resistance and stability to heat
- Switch handle provides clear indication of switch position
- Explosionproof versions available

Certifications

- Class I and II rated
- UL and CSA listed
- IEC rated
- NEMA 4X
- IP66

**Certifications vary by model or configuration.*

NMC Series Non-metallic Combination Motor Starters

Application

NMC Non-metallic Combination Magnetic Line Starters are for use in across-the-line motor starting, motor disconnect, motor and line protection and start-stop operations.

Features

- Enclosures are made of Krydon® fiberglass-reinforced polyester material which has excellent corrosion resistance and stability to heat
- Enclosure has hinged access door which opens 160° for easy wiring and maintenance
- Access door may be padlocked to prevent unauthorized access

Certifications

- NEMA/EEMAC: 3, 4X, 12

Disconnect Switches

Application

Hazardous area and ordinary location disconnect switches are used in manual "ON" and "OFF" control of single-phase or three-phase AC motors where overload protection is not required or is provided separately.

Features

- Enclosure options: VALOX® thermoplastic and Krydon® fiberglass-reinforced polyester
- Lockable handle meets OSHA lockout/tagout requirements
- Handles can be locked in the "OFF" position
- Suitable for wash-down and corrosive areas *(model specific)*
- Hazardous and industrial versions available

Certifications

- Ordinary location and globally-certified hazardous location models available
- NEMA 4X
- IP66
- UL and cUL Listed

**Certifications vary by model or configuration.*

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