CROUSE-HINDS SERIES

B-LINE SERIES

Stainless steel solutions

for corrosive applications

EATON

Powering Business Worldwide

Stainless steel

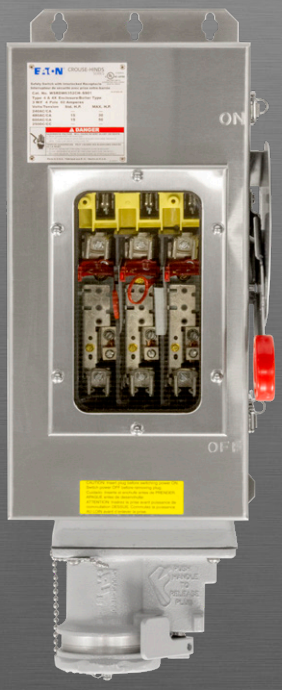
The ultimate in corrosion resistance, durability & aesthetics

Eaton manufacturers a wide array of Crouse-Hinds series and B-Line series solutions that provide superior resistance to corrosion and heat in even the most extreme environments.

By using high grade stainless steel, our products are virtually immune to rust, corrosion and discoloration, greatly lowering cost of ownership through reduction in maintenance and reinstallation costs.

Engineered for multiple applications & markets

- Oil and gas extraction and refining
- Food and beverage manufacturing
- Power generation
- Chemical and petrochemical plants
- Water and wastewater treatment
- Pharmaceutical plants
- Marine applications
- Pulp and paper
- Infrastructure
- Airports and more



Why choose Eaton stainless steel products?

Built-to last with superior corrosion and heat resistance

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

Smooth finish on fittings enhance the corrosion resistance. If scratched or nicked, the chromium in the stainless steel will combine with oxygen to reseal its protective layer and maintain its corrosion protection properties.

Plus, stainless steel fittings retain their strength in extreme heat and extreme cold conditions

Lower lifetime cost

The lifespan of stainless steel products are typically equal to the lifespan of the structure, helping eliminate maintenance and reinstallation costs.

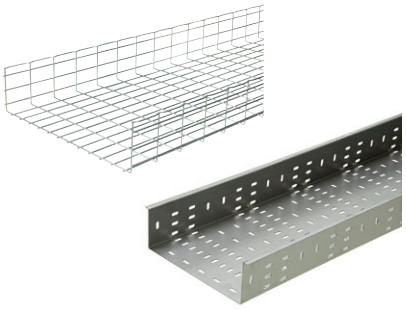
Easier installation & less environmental impact

Our stainless steel conduit, cable and wire management products require no specialized installation training to ensure proper service life.

Stainless steel fittings do not require harsh environment-damaging cleaners to help keep them looking like new.

Cable & wire management

Cable tray & support systems



Power distribution/control & connectivity

Environmental enclosures

Communication & security

LED and fluorescent lighting

Conduit, cable & wire management

Stainless steel fittings

Overview

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

Benefits

- 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, wastewater, salt water and other corrosive environments

With time-tested, field-proven Crouse-Hinds series conduit raceway, supports, fittings and cable glands, Eaton provides pathways for moving power simply and safely in any electrical installation.

Cable glands & accessories

Overview

Cable glands are designed as a means of cable and wire termination and are available to support both global harsh and hazardous certification requirements.

Liquidtight fittings

Overview

Stainless steel Liquidtight fittings are used to terminate and seal liquidtight flexible metal conduit to an oiltight, raintight or liquidtight box or enclosure, where superior corrosion resistance and/or strength is required.

Myers hubs

Overview

Myers™ hubs are used in the termination of electrical circuits through wall of the enclosure. Designed for use indoors or outdoors with rigid conduit and IMC. Suitable for use in environmentally demanding applications, including those with the presence of chemicals, such as acetic, citric and salt water. Also available for use in hazardous (classified) locations.

Explosionproof conduit sealing fittings

Overview

EY and EZ explosionproof conduit sealing fittings are installed in conduit runs to prevent the passage of gases, vapors or flames from one portion of the electrical installation to another through the conduit, limiting any explosion to the enclosure and preventing pre-compression or "pressure piling."

Available with or without drains.

Cable tray, ladder systems & support systems

Cable channel

Overview

Stainless steel tray and ladder options provide increased corrosion resistance. Plus, the stainless steel cable tray features patented I-beam side rails that carries up to 2.3 times more load than c-channel.

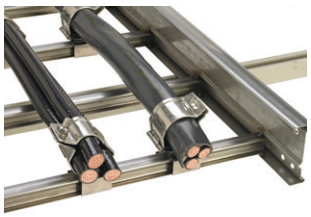
As the cost of structural steel continues to increase, the impact of reducing the quantity of supports on a projects can offset the cost of the cable ladder system all together.

By incorporating Eaton's support recommendations with B-Line series straight sections, cable tray fittings, vertical adjustable splice plates, and heavy duty expansion splice plates, B-Line series cable ladder solutions can help eliminate substantial costs in both labor and support materials on any given project.

Learn more at, Eaton.com/cabletray.

As an industry leader in cable tray and strut systems, Eaton offers one of the widest ranges of B-Line series cable management solutions available in the market today. With unmatched quality and service, we offer a variety of styles, materials and finishes available to support virtually any commercial and industrial cable management application requirement.

Cable cleats



Overview

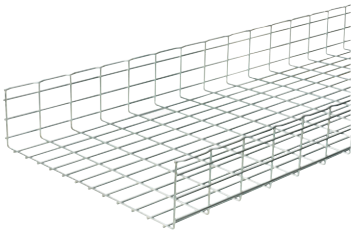
B-Line series cable cleats restrain cables in short circuits to help protect people and installed equipment.

Metric cable ladder

Overview

B-Line series metric cable ladder system is designed to reduce the number of structural steel supports needed for cable ladder systems in heavy industrial environments. The system is fully compliant with both NEMA and IEC load and electrical continuity certifications.

Flextray wire basket tray



Overview

Flextray™ wire mesh basket is ideal for commercial and data center cable management, providing a flexible means of adapting your tray to fit your job-site application.

Pan tray

Overview

B-Line series perforated and solid bottom cable pan tray system is ideal for instrumentation and electrical cable runs in industrial or commercial cable management applications, helping eliminate the need for conduit or ladder.

Series 3 & 4 cable tray

Overview

B-Line series 3 and 4 stainless steel cable tray is designed to reduce the number of structural steel supports needed in heavy industrial environments.

Strut systems

Overview

B-line series strut systems are designed to support non-structural systems, such as cable tray, HVAC systems, pipe and conduit. It is also ideal for racking system, panel stands, machine guards and ceiling grids.

Power distribution/control and connectivity

XLPB industrial panelboards

Overview

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 E-246968)
- UL67 components
- UL489/CAN/CSA C22.2, No. 5 circuit breakers

Benefits

- 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

Improve reliability, increase efficiency and enhance safety with a broad portfolio of low-voltage electrical equipment that distributes, monitors and manages power throughout your facility or operation.

SCSR portable combination motor starter receptacles

Overview

The SCSR combination starter with receptacle allows for portable motor control and fault diagnostics. It provides equipment protection from overload and short circuit conditions while offering local and remote motor control, preventing energization under all preceding conditions, and connectivity via a wireless gateway or the hard wire. The SCSR smart combination motor starter receptacle offers a wide range of protection devices and is suitable for a wide range of applications.

Arktite interlocked receptacles with enclosed disconnect switches

Overview

Arktite® interlocked receptacles with enclosed disconnect switches supply power to portable or fixed electrical equipment such as welders, compressors, conveyors, portable tools, lighting systems and similar equipment.

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

STE main breakers

Overview

STE main breakers for hazardous areas provide overcurrent and short circuit protection for low voltage power, lighting and heat tracing applications.

GHG 41 & 43 control stations

Overview

GHG41 and 43 control stations and selector switches are used for motor control, visual indication, on-off control of circuits and circuit selection.

GHG 619 panelboard

Overview

GHG 619 stainless steel panelboards protect against aggressive environments and are used for lighting, heating, motor and socket circuits in potentially explosive atmospheres.

SynergEX panelboards

Overview

The SynergEX™ panelboard utilizes individually encapsulated circuit breakers to reduce downtime, increase safety and lower maintenance costs in hazardous locations. SynergEX provides overcurrent and short circuit protection for low voltage power, lighting and heat tracing applications.

GHG 511 EX wall sockets

Overview

GHG 511 wall sockets are used in Zones 1, 2, 21 and 22 applications. the IP66 rated sockets are engineered for high mechanical protection and the ability to withstand aggressive environmental conditions.

XDT hazardous area transformers

Overview

XDT hazardous location dry-type transformers are designed to operate where volatile flammable liquids or gases are handled, processed or used, and where ignitable concentrations of gases or vapors are normally prevented by positive mechanical ventilation.

GHG 981 Zone 22 safety switches

Overview

GHG 981 safety switches are rated for Zone 22 hazardous dust environments and for high ambient temperature industrial applications. The GHG 981 series of switches are protected by an IP66 enclosure and earth terminals.

Communications & security

MTL GECMA Workstation Remote Terminal

Overview

The MTL GECMA Workstation Remote Terminal (RT) provides a user-friendly, near real-time solution that enables a safe area PC or Thin Client to be remotely controlled from the hazardous area, via a single, point-to-point connection. It comprises of the individually Ex certified components from our innovative, modular MTL GECMA Workstation range, with the addition of a RT communication module and Safe Area Unit, delivering a wealth of great features and values specifically for your application.

MTL GECMA Workstation RT is a keyboard, video and mouse (KVM) extension of either a safe area Personal Computer or Thin Client and can be installed into Ex Zone 1/2/21/22 hazardous areas.

Comprehensive solutions for intrinsic safety, fieldbus, signal conditioning, industrial networking, surge protection and HMI that control, operate and protect your assets and safety-critical processes.

MEDC SM87 HXB, SM87 XBT and SM87 LED Ex d beacons

Overview

Certified beacons designed for use in harsh environmental conditions. The stainless steel or marine grade alloy enclosures are suitable for use offshore or onshore, where light weight combined with corrosion resistance and strength is required. Units can be painted to customer specification and fitted with identification labels.

MEDC SM87 PB pushbutton

Overview

Fire alarm, emergency shutdown pushbutton units designed for the most arduous environmental conditions. The units are both easy to install and maintain. Intrinsically safe Exia and flameproof Exd versions of each model are available. A choice of either stainless steel or alloy makes the range suitable for either the offshore or onshore industries.

MEDC SM87LU1 & SM87LU3 steady-on beacons

Certified steady beacons designed for use in harsh environmental conditions.

The marine grade stainless steel or alloy enclosures are suitable for use offshore or onshore, where lightweight combined with corrosion resistance and strength is required.

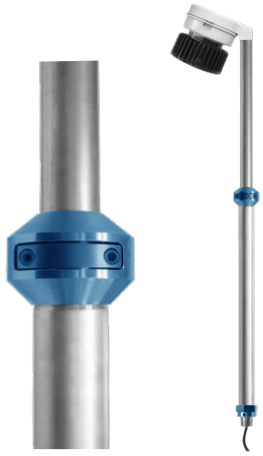
Units can be painted to customer specification and fitted with identification labels

MEDC SM87 BG pushbutton

Overview

Manual fire alarm, emergency shutdown pushbutton units designed for the most arduous environmental conditions. The units are both easy to install and maintain. Intrinsically safe Exia and flameproof Exd versions of each model are available. A choice of either stainless steel or alloy makes the range suitable for either the offshore or onshore industries.

Harsh & hazardous area lighting



V-Spring telescoping safety light pole

Overview

The V-Spring™ telescoping safety light pole helps increase safety and decreases labor costs associated with lighting installation and routine maintenance. Its innovative design allows for all work to safely take place on the platform or walkway, helping eliminate the need for portable ladders and fall protection equipment.

Applications include:

- Luminaires installed on industrial walkways, platforms, stairways and conveyors where OSHA/HSE regulations require fall prevention equipment
- Hard to reach or dangerous areas where safety is a big concern
- Hazardous and harsh environments subject to corrosive agents, vibration and extreme temperatures

Eaton delivers a range of innovative and reliable indoor and outdoor lighting and controls solutions, specifically designed to maximize performance, energy efficiency and safety.

HRL recessed LED for hazardous areas

Overview

HRL recessed LED linear fixtures are engineered to provide maintenance-free illumination in the most demanding environments. Available in three common sizes, the HRL is certified for use in Zones 1 and 21 hazardous areas, as well as Class I, Division 2 locations.

Pauluhn AllPro fluorescent

Overview

The Pauluhn AllPro is a linear fluorescent fixture for Class I, Division 2 and Class II, Division 1 locations. The rugged AllPro is NEMA 4/4X and IP66 rated for wet and corrosive environments.

Pauluhn APEX fluorescent

Overview

The Pauluhn Apex is the perfect high bay fixture for medium duty industrial or hazardous locations. The rugged Apex is engineered to shed debris and is IP66 rated for moisture protection in hose down applications.

Pauluhn Summit fluorescent

Overview

The Pauluhn Summit is the perfect high bay fixture for medium duty industrial and hazardous locations. The rugged Summit is engineered to shed debris, and is IP66 rated for moisture protection in hose down applications.

Pauluhn Intrepid LED

Overview

The Pauluhn Intrepid is a low/mid bay linear fluorescent fixture for hazardous and marine locations. The Intrepid is available in aluminum, stainless steel and non-metallic housing materials, and is IP66 rated for moisture and dust protection in the harshest environments.

Pauluhn WashPro fluorescent

Overview

The Pauluhn WashPro is a low bay linear fluorescent fixture for food and beverage processing and hazardous rated areas and applications. The versatile WashPro comes in lengths of 2-8 feet, and is designed for hose down applications.

Environmental enclosures & wireway

EnviroShield Type 4X Panel Enclosures

Premier Type 4X Panel Enclosures

NEMA 4X enclosures

Overview

Eaton's Type 4X panel enclosures are designed to house electrical controls and instruments in indoor or outdoor applications where a corrosive environment exists. It also helps protect against corrosion, windblown dust and rain,splashing water and hose directed water.

Learn more at, Eaton.com/enclosures.

JIC enclosures

- Available in 304 or 316 stainless steel and aluminum options
- Lift-off cover and continuous hinge cover options
- Quarter-turn latch options

Wall mount enclosures

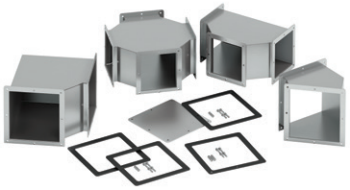
- Available in 304 or 316L stainless steel and aluminum options
- Single-door and double-door options
- Quarter-turn and 3-point locking / latch options
- Multiple accessory options

Ground mount enclosures

- Double-door floor-standing and free-standing enclosure options
- Single-door, double-door and double-door dual access options
- Quarter-turn and 3-point locking / latch options

Eaton offers top-quality enclosures to meet a wide variety of customer requirements and delivery needs. Our full line of residential, commercial, industrial and classified enclosure solutions are ideal for oil and gas, mining, water and waste water, OEM panel shop applications and more.

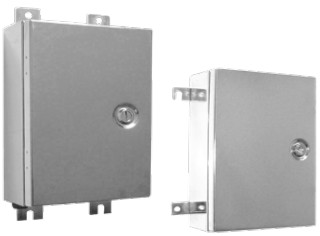
Feed-through wireway



Overview

Feed-through wireway houses runs of control and power cables. Intended for indoor or outdoor use where a corrosive environment exists. Feed through wireway protects against corrosion, windblown dust and rain, splashing water and hose-directed water

Ex-CELL stainless steel or sheet steel enclosures



Overview

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.

Corrosive agents

Use the reference chart below to verify if stainless steel is the right material for your needs

A= Excellent B= Good C= Adequate D= Unsatisfactory

Chemical atmosphere	
Acetic Acid	B
Acetic Anhydride	A
Acetone	A
Acetylene	A
Aluminum Chloride	D
Aluminum Sulfate	B
Ammonia	A
Ammonium Carbonate	B
Ammonium Chloride	D
Ammonium Hydroxide	B
Ammonium Nitrate	A
Ammonium Phosphate	C
Amyl Acetate	A
Amyl Alcohol	B
Aniline	B
Arsenious Acid	B
Asphalt	A
Barium Carbonate	B
Barium Chloride	B
Barium Hydroxide	B
Beer	A
Beet Sugar Liquors	A
Benzene	B
Benzoic Acid	B
Borax	A
Boric Acid	B
Bromine, Wet	D
Butane	B
Butyl Alcohol	A
Butyric Acid	B
Calcium Bisulfite	D
Calcium Chloride	D
Calcium Hydroxide	B
Calcium Hypochlorite	D
Calcium Sulfate	B
Cane Sugar Liquors	A

Chemical atmosphere	
Carbon Dioxide, Dry	A
Carbon Dioxide, Wet	A
Carbon Disulfide	B
Carbon Tetrachloride	B
Carbonic Acid	B
Castor Oil	B
Chlorine	B
Chloroacetic Acid	A
Chlorobenzene	B
Chloroform	C
Chlorosulfonic Acid	B
Bleach	A
Citric Acid	B
Cottonseed Oil	B
Chromic Acid	C
Crude Oil	A
Ethyl Acetate	B
Ethyl Alcohol	A
Ethyl Chloride	A
Ethylene Dichloride	B
Ethylene Glycol	B
Ethylene Oxide	B
Fatty Acids	B
Ferric Chloride	D
Ferric Sulfate	B
Formaldehyde	B
Formic Acid	B
Freons, Dry	B
Fuel Oil	B
Furfural	B
Gasoline	A
Glue	B
Glycerine	A
Concd. Hydrochloric Acid	D
Hydrofluoric Acid	D
Hydrogen	A

Chemical atmosphere	
Hydrogen Peroxide	B
Hydrogen Sulfide	B
Kerosene	B
Ketones	B
Lacquers	A
Lacquer Solvents	A
Lactic Acid	B
Lime	B
Linseed Oil	B
Magnesium Chloride	D
Magnesium Hydroxide	A
Magnesium Sulfate	B
Marine Atmosphere	B
Mercuric Chloride	D
Mercury	A
Methyl Alcohol	B
Methyl Chloride	A
Methyl Ethyl Ketone	B
Mine Waters	B
Motor Oil	B
Nickel Chloride	D
Nickel Sulfate	B
Nitric Acid	B
Oleic Acid	B
Oxalic Acid	D
Oxygen	B
Perchloric Acid	D
Phenol	B
Phosphoric Acid	C
Picric Acid	B
Potassium Carbonate	A
Potassium Chloride	B
Potassium Cyanide	B
Potassium Hydroxide	B
Potassium Nitrate	B
Potassium Sulfate	A

Chemical atmosphere	
Propane	B
Rosin	A
Sea Water	C
Sodium Bicarbonate	A
Sodium Bisulfate	C
Sodium Bisulfite	B
Sodium Carbonate	B
Sodium Chloride	B
Sodium Cyanide	A
Sodium Hydroxide	B
Sodium Hypochlorite	C
Sodium Nitrate	B
Sodium Phosphate	B
Sodium Silicate	B
Sodium Sulfate	B
Sodium Sulfite	B
Stearic Acid	A
Sulfur	A
Sulfur Dioxide, Dry	B
Sulfur Trioxide, Dry	B
Sulfur Trioxide, Wet	C
Sulfuric Acid	D
Sulfurous Acid	D
Tannic Acid	B
Tar	A
Tartaric Acid	C
Toluene	A
Trichlorethylene	B
Turpentine	A
Vegetable Oils	A
Vinegar	B
Vinyl Chloride	B
Waxes	B
Xylene	B
Zinc Chloride	B
Zinc Sulfate	A

U.S. (global headquarters): Eaton's Crouse-Hinds business

1201 Wolf Street
Syracuse, NY 13208

(866) 764-5454
FAX: (315) 477-5179
FAX Orders Only:
(866) 653-0640

crousecustomerctr@eaton.com

Eaton's B-Line business

509 West Monroe Street
Highland, IL 62249

800-851-7415
FAX: 618-654-1917
Eaton.com/b-lineseries

IEC Electrical
(CEAG products)

49 (0) 6271 806-500
FAX: 49 (0) 6271 806-476

Info-ex@eaton.com

Airport Lighting

866-764-5454

CrouseCustomerCTR@Eaton.com

Mexico/Latin America/Caribbean

52-555-804-4000
FAX: 52-555-804-4020

ventascentromex@eaton.com

Haz Area Communications
(MEDC, Hernis, Oxalis, FHF Sonix)

44 (0) 1623 444400
FAX: 44 (0) 1623 444531

MEDCadmin@Eaton.com

Canada

Toll Free: 800-265-0502
FAX: (800) 263-9504
FAX Orders only: (866) 653-0645

China

86-21-2899-3600
FAX: 86-21-2899-4055

cchsales@
cooperindustries.com

Process instrumentation
(MTL products)

44 (0) 1582 723633
FAX: 44 (0) 1582 422283

enquiry@mtl-inst.com

Eaton Middle East

9714-8066100
FAX: 9714-8894813

chmesales@eaton.com

Australia

61-2-8787-2777
FAX: 61-2-9609-2342

CEASales@
cooperindustries.com

For more information:

If further assistance is required, please contact an authorized Eaton Distributor, Sales Office, or Customer Service Department.

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

Printed in USA
Publication No. 5485-0621
June 2021

Follow us on social media to get the latest product and support information.

Powering Business Worldwide