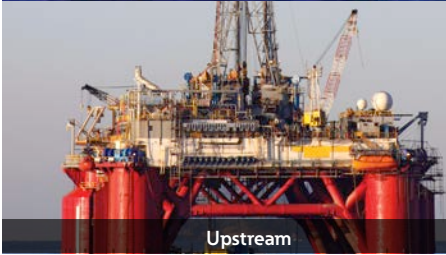


Solutions for oil and gas Upstream line card



Energizing a world that demands more.

Eaton brings a new dimension of expertise to help master the heavy power capabilities and safety systems integral to uninterrupted operations in the harshest environments and help maximize the efficiency of operations. Our customized, innovative solutions can be retrofitted to extend life cycles, meeting changing regulatory and processing requirements. And with leading safety products, including the Crouse-Hinds™ family of offerings, we offer a unique combination of systems, components and services that ensure you minimize risk and optimize your investment, wherever your business takes you.

EATON

Powering Business Worldwide

Eaton's B-Line business

PH: (800) 851-7415
blineus@cooperindustries.com

Associated product lines

- Cable ladder systems
- Strut and fasteners
- Enclosures
- Safety grating
- Design tools and services

Eaton's Bussmann business

PH: (855) BUSSMANN
busscustsat@eaton.com

Associated product lines

- Power and control fuses
- Fuseholders and blocks
- Fusible panelboards
- Fusible switches
- Surge protection

Eaton's Crouse-Hinds business

PH: (866) 764-5454
crouse.customerctr@cooperindustries.com

Associated product lines

- Lighting solutions
- Plugs, receptacles and connectors
- Power connectors
- Cable, conduit and wiring solutions
- Hazardous area communications
- Signals and alarms
- Pushbutton stations and switches
- Design tools and services
- Instrumentation
- Enclosures

Eaton's Experience Center industrial certified training

PH: (713) 280-3400
eaton.com/experience
eechouston@eaton.com



Marine grade transformer

- Liquid-filled to 12 MVA (ANSI)
- Non-segregated medium- and low-voltage busway
- FR3 environmentally-friendly fluid
- Dry-type distribution transformers (ANSI)
- Pole-mount, pad-mount and substation transformers
- ABS approved



E-houses and portable power solutions

- Turnkey engineered E-houses
- Mobile substations and capacitors
- Factory acceptance testing, field commissioning



Medium- and low-voltage switchgear

- Generator and line mounted switchgear
- Metal-clad medium-voltage switchgear rated to 38 kV
- Metal-enclosed low-voltage switchgear up to 600 V, 10,000 A continuous cross bus
- Standard and arc-resistant medium- and low-voltage switchgear
- Medium-voltage, liquid-filled vacuum interrupter switchgear and sectionalizing switches
- NEMA®/ANSI and IEC ratings



Medium- and low-voltage motor control centers

- Medium-voltage motor control centers rated 2.4 kV to 13.8 kV
- Standard and arc-flash preventative motor control centers
- Both NEMA/ANSI certified



Medium- and low-voltage drives

- 4160 V to 6000 hp
- 600 V to 2000 hp
- Medium-voltage with 24-pulse input technology
- Low-voltage 6- and 18-pulse input technology
- IEEE® 519 harmonic compliance
- Arc-resistant design



Medium-voltage circuit protection

- Medium-voltage vacuum circuit breakers
- Medium-voltage fuses
- 5 to 38 kV
- 600 to 6000 A



Meters, sensors and relays

- Revenue-grade energy monitors
- Fast transient sampling, event monitoring
- Motor and feeder protective relays
- InsulGard partial discharge



Low-voltage power distribution

- Panelboards
- Safety switches
- NEMA/ANSI and IEC ratings
- Industrial and hazardous areas
- Hazardous area transformers



Low-voltage circuit protection

- Hazardous area circuit breakers
- Molded-case industrial breakers
- Marine circuit breakers
- Arcflash Reduction Maintenance System™



Backup power (UPS)

- Engineered for industrial environments with unpredictable power conditions
- FERRUPS® voltage regulating
- Marine certified
- NEMA/ANSI and IEC ratings
- ABS approved



Cable ladder systems and mechanical solutions

- Aluminum, stainless steel, galvanized steel and FA series fiberglass material options
- Strut systems, fittings and accessories
- Grip Strut™ safety grating and various slip-resistant grating solutions
- NEMA/ANSI and IEC ratings



Power panels and motor control

- Power distribution panels
- Combination motor starters
- Explosionproof VFDs
- Specialty and traditional control stations
- Switch rack assemblies
- Hazardous, harsh, industrial areas



Hazardous area control stations

- Suitable for use in hazardous areas
- Impact-resistant thermoplastic
- Ingress protection to IP67 rated voltage
 - Contact blocks; 500 V
 - Signal lamps; 240 V IEC
- NEMA/ANSI and IEC ratings



Interior and perimeter hazardous area lighting

- Light sources: LED, HID, incandescent and fluorescent
- Types: flood, task, high bay, wall pack, linear, area and confined space
- NEMA/ANSI and IEC ratings



Enclosures, cable and conduit wiring solutions

- Junction boxes and enclosures
- Stainless steel, aluminum, fiberglass, steel iron
- Instrument housings
- Hazardous and industrial areas
- NEMA/ANSI and IEC ratings



Plugs, receptacles and connectors

- Single-pole connectivity
- Multi-pin connectivity
- Molded to cable
- Control and instrumentation connectors
- NEMA/ANSI and IEC ratings



Hazardous area and life safety communications

- Command and control centers
- Fire detection and alarms
- Mass notification systems
- Visual and audible signaling devices
- Closed circuit TV systems
- VOIP and analog phones
- NEMA/ANSI and IEC ratings



Process instrumentation and protection

- Intrinsically safe
- Surge protection
- Process alarm equipment
- HMI and visualization
- Field bus



Wireless and communications

- Wireless I/O systems
- Cellular communications
- Gateway interconnection
- Network management
- Remote monitoring and control



Disc brakes

- Full suite of air-cooled disc brakes suitable for swing propel hoist, and drag functions
- Revolutionary new disc brake technology—Floating Hose Brake (FHB)—offers a rapid friction replacement capability



Hydraulics

- Hydraulic hoses
- Hydraulic assemblies
- Hydraulic filters
- Hydraulic power units
- Back door cylinders
- Connectors/couplings



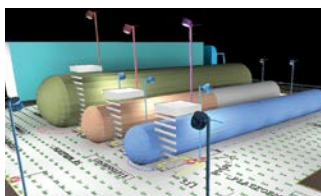
Pumps and motors

- Open and closed circuit piston pumps
- DuraForce™ open and closed circuit pumps
- DuraForce fixed and variable motors
- Geroler® and Gerotor® high-speed low-torque motors



Filtration

- Filtration expertise to meet quality, cost, safety or environmental needs
- ASME, PED, IEL, CE, CRN, CSA, NEC, ATEX, NACE, NR-13 standards
- Pipeline strainers, bag and cartridge filtration and gas liquid separators
- ReactoGard® systems to protect fixed bed catalytic reactors



Design tools and services

- Lighting layout and design services
- Power systems automation
- Custom SKU-level 2D and 3D models for integration into design software
- Custom SKU-level spec sheets
- TrayCAD and CoSPEC

Eaton's MTL Instruments business
PH: +44 (0)1582 723633
enquiry@mtl-inst.com

- Associated product lines**
- Hazardous area communications
 - Intrinsic safety
 - Surge protection
 - Process alarm equipment
 - HMI and visualization
 - Field bus

Eaton's power systems business
PH: (877) 277-4636
cps-info@cooperindustries.com

- Associated product lines**
- Medium-voltage switchgear
 - Overhead distribution equipment
 - Capacitor banks, filters and voltage regulators
 - Arresters
 - Medium-voltage transformers
 - Cable accessories
 - Controls and relays
 - Smart fault indicators
 - Engineering services
 - Medium-voltage fusing
 - Power and distribution transformers/busway

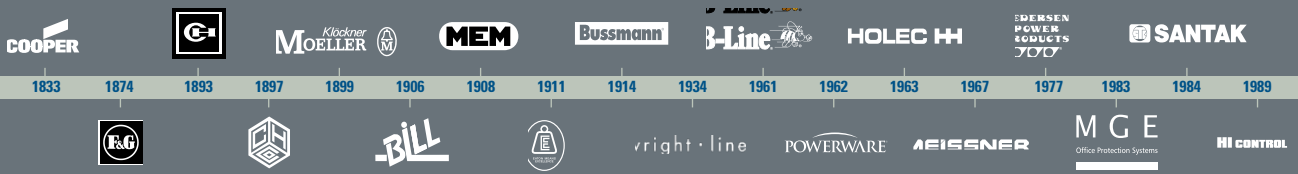
Electrical products and services
PH: (877) ETN CARE
trc@eaton.com

- Associated product lines**
- E-houses
 - Medium- and low-voltage switchgear
 - Medium- and low-voltage motor control centers
 - Medium- and low-voltage drives
 - Power and distribution transformers/busway
 - Uninterruptible power supplies
 - Meters and relays
 - Command and control centers
 - Wireless and instrumentation
 - Electrical services
 - Circuit breakers
 - Pushbutton stations and switches
 - Safety switches
 - Disconnects

MGE OFFICE PROTECTION SYSTEMS
 MCGRW-EDISON MOELLER
 METALUX MEM CUTLER-HAMMER
 COOPER HALO ARROW HART
 B-LINE BUSSMANN MTL
 HOLEC MCGRW-EDISON
 ARROW HART MEM BUSSMANN
 METALUX POWERWARE
 MEM HALO BUSSMANN
 MCGRW-EDISON CEAG
 MOELLER MTL POWERWARE
 CEAG COOPER BUSSMANN
 MTL B-LINE
 HERNIS
 MCGRW-EDISON
 B-LINE
 ARROW HART
 MOELLER
 HALO MEM
 MTL
 COOPER
 HERNIS POWERWARE HOLEC
 BUSSMANN MTL ARROW HART
 B-LINE COOPER MCGRW-EDISON
 MOELLER CEAG HOLEC MOELLER
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MORE POSSIBILITIES.
 POWERFUL SOLUTIONS.

BRAND
 INCEPTION
 DATES:



Powering business worldwide

As a global power management company, we help customers worldwide manage the power needed for buildings, aircraft, trucks, cars, machinery and businesses.

Eaton's innovative technologies help customers manage electrical, hydraulic and mechanical power more reliably, efficiently, safely and sustainably.

We provide integrated solutions that help make energy, in all its forms, more practical and accessible.

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