

Light commercial construction
Line card



Complete solutions to empower profitable growth

Eaton is dedicated to providing the fast, expert, local support and solutions you need to keep projects on-schedule and on-budget. From material delivery and management to meeting project deadlines and boosting profitability, Eaton provides the tools you need to grow your business. Our expanded solutions and capabilities give us a new perspective to solve your most critical power management challenges.

EATON

Powering Business Worldwide

Electrical distribution



Dry-type distribution transformers

- Ventilated, encapsulated, mini-power centers
- New designs will meet DOE 2016 efficiency requirements
- Broad range of kVAs, voltages, temperature rise
- Regional inventory across the U.S.



Generator quick connect safety switch

- Double- and single-throw switch configurations available, 30–1200 A
- Safe and quick generator connection through UL® listed device
- Enhanced safety through the interlocked receptacle compartment
- Ensures facility isolation from utility grid while on generator power



Group metering

- Advanced remote monitoring meters provide accurate, real-time system values, capture system events and displays them through software monitoring solutions
- Power and energy meters, single- and multi-space unit enclosed meters



Integrated Facility Systems™ (IFS™)

- Integrates equipment into a single, space-saving and connected package
- Maximizes flexibility, simplifies construction and reduces costs
- Utilizes Pow-R-Line C™ design



Loadcenters and meter breakers

- Available in Type CH and BR designs
- Commercial grade 25 kAIC rated main breaker (150 A and above)
- Available in non-EUSERC and EUSERC (West Coast) designs
- Limited lifetime warranty on Type CH, and 10-year warranty on Type BR



Busway

- Ratings up to 5000 A / 200 kA for superior short-circuit performance over cable/conduit
- Highly scalable and modular, allowing for routing changes with minimal financial/schedule impact vs. cable/conduit option
- Broad range of overcurrent protective options in plug tap-off units
- Quick ship capability for busway emergencies
- Standardized coordination developed with other Eaton assemblies



Pow-R-Line® 1a and 2a panelboards

- Now available up to 600 A—sturdy, rigid chassis assembly ensures accurate alignment of interior with panelboard front, prevents flexing, and minimizes possibility of loosening or damage to current-carrying parts during and after installation
- Receive lighting panelboards in two weeks, with no quantity limits, to help reduce your project cycle time
- Four point in-and-out adjustment to meet critical depth dimensions on flush installations, which compensates for possible misalignment of box at installation



EZ Panel™ panelboards

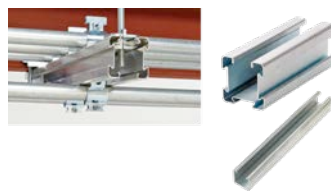
- Expedite the delivery of common panelboard configurations to quickly meet customer needs directly through distributor stock
- Reduce installation time and labor, on-site coordination and ordering complexity
- Reduce complexity and time with four primary box sizes, common circuit breaker configurations and a single catalog number

Structural support system



USB combination charger

- Dual USB charging ports
- Tamper-resistant shutters
- Replaces standard receptacle



Strut systems

- Traditional and 4Dimension™ strut in solid, slotted and long hole channel
- Fittings, clamps and beam supports
- Pre-galvanized, hot dip, stainless steel and DURA-GREEN™ painted



Seismic bracing systems

- Full line of electrical, mechanical and plumbing TOLCO™ seismic bracing solutions
- Patented labor-saving seismic bracing projects
- Rigid seismic bracing components
- Cable seismic bracing components

Lighting solutions and controls



Accent/track lighting

- High efficacy LED suitable for wall wash, downlight, accent and display lighting applications
- Multiple optical distributions and color temperatures available



Ambient lighting

- Highly efficient LED system
- Advanced optical design delivers optimal light uniformity
- Integrated control options available



Exterior site lighting

- Versatile LED lighting for commercial area, site and roadway applications
- Engineered for reliability with minimal service requirements
- Long life with low maintenance costs



Exit and emergency lighting

- A full range of solutions for commercial, architectural and industrial environments
- Sustainable LED design
- Electronic reliability



Lighting controls—fixture controls, small-space controls, panel-based controls, occupancy sensors

- Broad range of innovative and reliable indoor and outdoor solutions
- Maximize performance, energy efficiency and cost savings
- Greengate offers a variety of occupancy and vacancy sensors
- Stand-alone solution for a small space, or a networked solution for whole building control
- Sensors provide the minor motion detection to ensure efficiency is maximized



Recessed lighting

- 361-degree rotation and up to 45-degree tilt
- Offered in 900–6500 lumens
- ENERGY STAR® certified



Occupancy sensors

- Provide convenient energy savings
- Detects ambient light levels to adjust lighting accordingly
- Works with multiple lighting loads

Circuit and surge protection



Surge protection

- Most reliable and advanced UL 1449 4th Edition certified surge protectors
- Combine surge suppression components and EMI/RFI filtering
- Also available integrated into many Eaton distribution assemblies



Circuit protection—fuses

- Finger-safe CUBEFuse® and compact circuit protector (CCP) reduces footprint up to 70%
- Low-profile CCP offers more than 10 times the interrupting rating for rack PDUs
- High-speed square body and cylindrical bolt-on fuses for UPSs



Circuit protection—molded case circuit breakers

- Full line of UL listed aftermarket breakers for Eaton, Westinghouse®, Cutler-Hammer® and Challenger® assemblies
- Full line of accessories
- Thermal-magnetic and electronic trip units
- Molded case switches
- Motor circuit protectors



Automatic transfer switches

- Contactor-based up to 1600 A
- Breaker-based up to 1000 A
- Service entrance rated
- Open, in-phase, delayed or closed transition

Circuit and surge protection (continued)



Safety switches

- Full line of general-duty, heavy-duty and double-throw safety switches, 30–1200 A
- Complete offering of quick-connect switches for emergency backup and temporary power applications
- Fully customized solutions to fit your specific product and application needs—the Flex Center
- Quick ship options for critical situations

Enclosed circuit breakers

- Full line of standard and 100% rated enclosed breakers
- Product line that includes Arcflash Reduction Maintenance System™ (ARMS) functionality
- Fully customized solutions to fit your specific product and application needs—the Flex Center
- Local support and quick ship options available from your CMSC

Switches Flex Center

- Modified safety switches and enclosed circuit breakers for virtually any application
- Designs to meet safety and environmental concerns as well as customer convenience

Design, build, planning and support services



Arc flash studies

- Arc flash hazard analysis
- Computational fluid dynamics offers 3D model of data centers, individual rooms, row and/or rack services
- Battery management and monitoring services
- Short-circuit protection and energy quality studies

Coordination studies

- Eaton's Electrical Services & Systems (EESS) can perform short-circuit and coordination studies per the following standards, and others.
 - Institute of Electrical and Electronics Engineers, Inc. (IEEE®)
 - American National Standards Institute (ANSI)
 - The National Fire Protection Association 70E, National Electrical Code®, latest edition

Start-up and commissioning services

- Efficiency and safety upgrades, start-up and site commissioning



Professional and consultative services

- Dedicated, experienced project management teams
- Application design, build and planning solutions including multi-vendor and life extension

Audits

- Power audits
- Short-circuit coordination and harmonic studies

Disaster recovery and crisis response

- Nearly 1,800 field and engineering service professionals globally
- Service professionals trained on multi-vendor distribution products
- Pre-crisis and disaster recovery and 24x7 service
- Satellite manufacturing facilities and capabilities

Electrical products and services
PH: (855) ETN-SOLR
trc@eaton.com

Eaton's B-Line series structural solutions

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

Eaton's Bussmann series solutions

PH: (855) 287-7626 (BUSSMANN)
fusebox@eaton.com

Eaton's Crouse-Hinds series solutions

PH: (866) 764-5454
crousecustomerctr@eaton.com

Eaton's Cooper Power series solutions

PH: (877) 277-4636

Eaton's Residential and Wiring Device Division

PH: (866) 853-4293

Labor-savings commercial installation products



Commercial enclosures

- Made of fiberglass-reinforced thermoset polyester, fiberglass enclosures are exceptionally durable, corrosion-resistant, and can withstand abuse and exposure to chemicals, water, and extreme conditions
- PRE-formance™ prefabricated HomeRunner™ junction box is a commercial construction screw cover junction box with patented clamps
- W-Series junction boxes are designed to be used as a pull box, provide enclosures for slices and taps, and to enclose and protect electrical equipment



Commercial fittings

- Provide long-lasting service in commercial, industrial and residential construction
- Outstanding quality, breadth of our fittings offering and innovative products deliver real value
- Deliver long, dependable service, labor savings and lower installed cost, all from a single dependable source



Commercial outlet boxes and covers

- One of the most complete outlet box product lines in the industry
- Innovative products and solutions that save labor, cut material costs and increase productivity
- 4-inch and 4-11/16-inch steel square boxes, steel utility boxes, steel switch boxes, steel gang boxes, steel masonry boxes, steel ceiling pans, steel octagon boxes, steel specialty boxes, ceiling fan boxes, non-metallic boxes



Commercial PRE-formance

- Provides the convenience of a prefabricated product—plus the flexibility to accommodate job site requirements
- Ideal solution for commercial buildings with repetitive installations such as hotels, condominiums, commercial and retail offices, hospitals and apartments
- Lower total cost of ownership



Commercial solar solutions

- Most complete third-party listed balance of system offering of combiners, recombiners, disconnects, compact combiners, pass-through boxes, solar cable assemblies, harnesses and accessories for grid-tied solar applications



Ruff-IN™ prefabricated assemblies

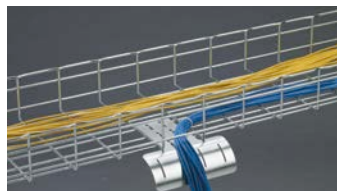
- 32 basic prefabricated assemblies, consisting of ground wire, bracket and plaster ring
- New products include concrete box clamp and cable support brackets

Wire and cable management systems



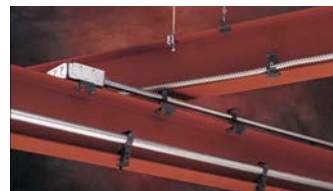
Cable tray

- Metallic and non-metallic cable management system
- Flextray™ wire basket tray, Redi-Rail™ cable tray, KwikSplice™ cable tray
- TrayCAD™ and CoSPEC engineering services



Wire basket (Flextray)

- Can be cut and bent for job-site flexibility
- UL Classified as equipment grounding conductor
- Ideal for indoor commercial cable management



Spring steel fasteners

- Fastening solutions for a variety of electrical, mechanical and telecommunication applications
- Broad range of products designed for attachment to metal studs, steel beams, acoustical tees, purlins, channels and more
- Time-saving solutions for lower total cost of installation

Traditional construction



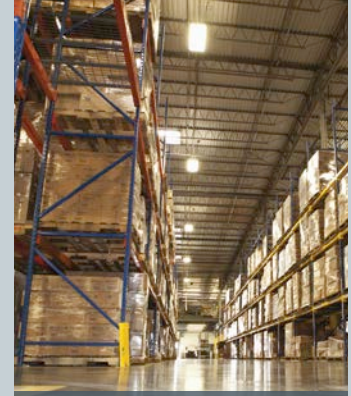
Small private offices



Low-rise multi-family



Small retail outlets



Warehouse facilities



Places of worship



Walk-in health clinics



Independent family dining



Regional banks

Multi-site retail



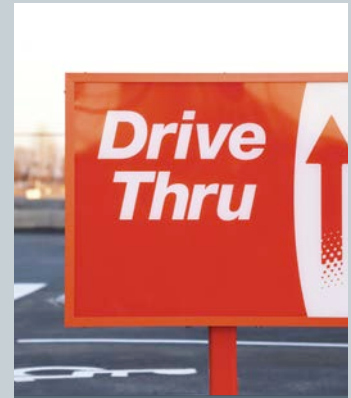
Convenience outlets



Walk-in health clinic systems



Chain family dining



Fast food outlets