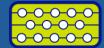


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## **MV/HV Power & Renewable Energy Solutions**

**Back to Main** 

- Anchoring and Foundation Specifications
- Cable Bus and Connection Accessories
- DC Chargers
- Enclosures
- Fiberglass Conduit
- Ground Fault Protection
- **Grounding**
- Harmonic Mitigation
- Load Banks
- Metering
- Power Factor Correction
- Power Lines and Substations
- Surge Protection
- Transfer Switches
- <u>Transformers Power and Distribution</u>
- Uninterruptible Power supply



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## **Industrial Construction Solutions**

### **Back to Main**

- Adjustable Speed Drive options
- Cable Bus and Connection Accessories
- DC Chargers
- Enclosures
- Energy Management
- Ground Fault Protection
- **Grounding**
- Harmonic Mitigation
- Load Banks
- Metering
- Power Factor Correction
- Surge Protection LV
- Transfer Switches
- Transformers Power and Distribution
- Uninterruptable Power Supply



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## **Commercial Construction & Solutions**

#### **Back to Main**

- Adjustable Speed Drive Accessories
- Cable Bus and Connection Accessories
- DC Chargers
- Enclosures
- Energy Management
- Ground Fault Protection
- Grounding
- Harmonic Mitigation
- Metering
- Power Factor Correction
- Surge Protection LV
- Transfer Switches
- Transformers Power and Distribution
- Uninterruptable Power Supply



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## **OEM and System Integrator Solutions**

#### **Back to Main**

- Adjustable Speed Drive options
- Cable Bus and Connection Accessories
- DC Chargers
- Enclosures
- Energy Management
- Ground Fault Protection
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- Metering
- Power Factor Correction
- Surge Protection LV
- Transfer Switches
- <u>Transformers Power and Distribution</u>
- Uninterruptable Power Supply



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## **Transfer Switches**



#### **Back to Main**

Eaton manufacture a wide array of Transfer switches and accessories up to 600V up to 5000 Amps in various configurations and styles.

- Automatic Transfer Switches
  - o **Brochure**
  - o Controller
    - Design Guide
  - o Contactor Based
    - Design Guide
  - Molded Case Breaker Type
    - Design Guide
  - Power frame type automatic transfer switches
    - Design Guide
  - Bypass isolation contactor type automatic transfer switches
    - Design Guide
  - Bypass isolation power frame type automatic transfer switches
    - Design Guide



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# Harmonic Mitigation



**Back to Main** 

#### **Harmonic correction unit**

- HCUN series Technical
- HCU2 series Technical



Eaton's active harmonic filters, known as harmonic correction units (HCU2) provide

dynamic harmonic mitigation and power factor correction by actively injecting reactive currents into an electrical distribution system to cancel damaging harmonic currents and support power factor requirements at the point of connection.



MTE Corporation was formed in 1982 by bringing together Milwaukee Transformer Co., Transformer Design Inc. and Milwaukee Electronics Corp. – companies that specialized in different fields of magnetics and transformer designs and were long established in their respective fields. MTE vaulted into a leadership role in power quality with its unique AC reactor design and passive filter expertise. We continued to grow as a global leader with innovative Harmonic Filters, Motor Protection Filters and Sinewave Filters.

- Reactors
- Passive Harmonic Filters
- dV Sentry dV/dt Filters
- Sine Wave Filters



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## **Cable Bus Solutions**



#### **Back to Main**

Whether indoors or outdoors, we will create a power feeder system that is both reliable and virtually maintenance free.

Headed by a unique team of engineers and designers, we have the latest technologies, equipment, and knowledge on hand, enabling us to provide the best solutions every time.

Application engineering, to 3D site scanning, testing, and on-site support, we do it all!

### Cable Bus - CSA Certified 208V to 35,000V

**Underground systems** 

**Fittings** 

**Accessories** 

**Cable Bus Supports** 







### **Custom Products**

**Splitter and Tap Boxes** 

**Transition Boxes** 

**Quick Connect Panels** 

Technical data and Specifications



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## **Ground Fault Protection**

#### **Back to Main**

Bender Ground Fault protection monitors were introduced to the market back in 1946 for the mining industry in Europe designed and patented by <u>Walther Hans Bender</u>. The current products are designed for todays market place with large DC circuits within the AC systems and Harmonic issues. Products come with built in communication options for monitoring remotely.

- Ungrounded System Monitoring
- Ground-Fault Location, Ungrounded
- Ground-Fault Monitoring for Grounded Systems
- NGR Systems w or w/o resistor
- Healthcare Isolated Power Panels
- Measuring and monitoring relays
- Charge Controller









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# **Power Factor Correction**

**Back to Main** 



Low Voltage & Medium Voltage

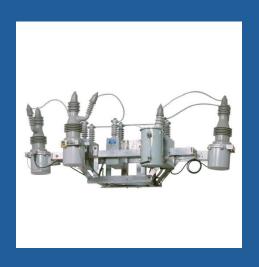


**Medium Voltage** 

- <u>Utility Pole Mounted</u>
- Pad Mounted Capacitors







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# **Powerline and Substation Products**

**Back to Main** 

**Line Construction Hardware** 

**Arrestors and Surge** 

**Insulators** 

**Bushings** 

**Utility Switching & Fusing** 

**Grounding and bonding** 

Utility equipment metering

<u>Underground connectors</u>

Reclosers

**Wildlife Mitigation** 













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# **Battery Chargers and UPS Systems**

**Back to Main** 

## **Rectifiers / Battery Chargers**

- **Utility**
- <u>Telecom</u>
- Engine Start
- Marine
- Railroad
- Solar
- Motive Power

## **UPS Systems**

- UPS Industrial
- Modular UPS
- o Outdoor UPS
- Fire Alarm and Security
- o Compact
- o Plus Power Module





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# **LV Surge Protection**

#### **Back to Main**

## LV Surge protection

#### **Commercial and Industrial Solutions**

- SPD series Integrated & External Surge Protective Device
  Technical Data
- SPC Series Commercial Mid-size service & panel SPD
  - o <u>Technical Data sheet</u>
- CVX Series Commercial Small servivce and OEM SPD
  - o Technical Data sheet

#### **OEM Solutions**

- Eaton's AEGIS series Parallel and series point of use Protection
- Technical Data
- CVX Series Individual device protection
  - o **Technical Data**







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# **MV** and HV Arrestors and Surge Protection

### **Back to Main**

- Distribution Class IEC
- <u>Distribution Class IEEE</u>
- Power Line Surge Arrestor LSA
- Substation IEC
- Sub Station IEEE
- Underground Elbows











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## **Transformers - Power and Distribution**

**Back to Main** 

## **Dry Type**

### **Distribution Transformers - 15 to 1650KVA**

- Single-Phase Ventilated Transformers
- Epoxy Encapsulated Transformers
- Three-Phase Ventilated Transformers







### **Power Transformers to 10MVA**

• 5kV to 35kV Class to 10MVA

## Oil Filled Transformers to 5MVA

#### **Distribution Class**

- Custom
- Pad Mount

## **Substation**

• Sub Station

## Oil Filled Transformers to 400 MVA

#### Distribution

- Padmount
- Renewable (Wind / Solar)
- Secondary
- Substation





Southwest Electric Co.



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# **Enclosures**

**Back to Main** 



EXM is a full line Canadian manufacturer of Stock and custom enclosure solutions. Product range from distribution troughs, splitters & pull boxes up to custom designed stainless cabinetry and keyosks. NEMA ratings from 1 though 4X are available.

- Standard Enclosures
  - o Wall Mount
  - Distribution
  - o Cabinets
  - Modular
- Custom Enclosures









Hubbell Power Systems, Inc. above & below ground enclosure products come in a multitude of styles, sizes and material composition. From equipment foundations to enclosures for backflow preventers, primary sectionalizing cabinets, secondary and communications pedestals and traffic signal bases.

- Above Ground
- Below Ground





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