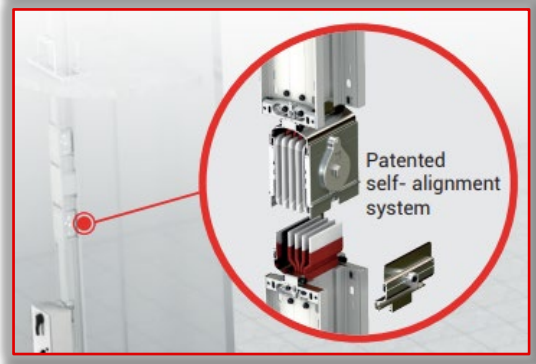
REQUEST A QUOTE
Contact SPS at **matthew@sps-sales.com**

EAE USA

E-LINE KX-III Busway (400A – 6000A)



Vertical power routing for space-saving installations
High current capacity for multiple floors
2Hr Fire-resistant and reliable performance
Easy maintenance and reconfiguration options

KX Busway is easier to handle and install, saves labor costs and installation time.

The KX-III Busway system

- The most versatile product in the E-Line Busway series.
- Designed, with the latest innovative technologies such as special epoxy coating and mono-block joint to have ratings from 400A to 6000A.
- The customer has the option to use copper or aluminum conductors in any configuration of the KX-III Busway.
- Used in a variety of vertical and horizontal electrical distributive applications and typically used in the transmission of energy in facilities with high power applications.

Feeder or Plug-in

- The feeder busway provides power transmission where tap off boxes are not required.
- The plug-in type can have up to 10 windows per 10-foot section for attaching tap off boxes.

Applications include: Industrial, Commercial, EV Charging, Automotive, Exhibition areas, High-rises, Hospitals, Data Centers

Features

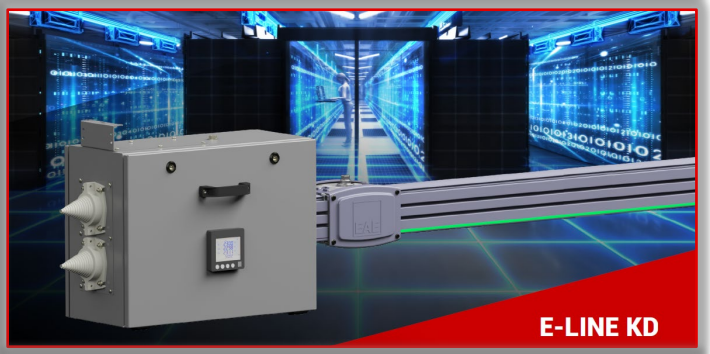
- Modular structure
- High electrical and mechanical strength
- The compact structure offers many benefits in the installation.
- Fast, easy and reliable installation with single bolt joint construction.
- Output units allow a significant saving about panel and system cost.
- Special design for minimal voltage drop
- Tin plated aluminum or copper conductors
- IP55 protection degree
- Aluminum housing, epoxy insulation, fire resistance as per IEC 60331

Advantages of E-Line KX Compact Busbar:

- High short circuit resistance due to compact construction
- Less voltage drop in comparison to cable systems
- Special alloy metal enclosure provides higher mechanical strength and causes less
- electromagnetic interference.
- Better cooling capability
- High resistance to fire
- Seismic resistance
- Protection Degree (IP55 standard and IP67 optional)
- Requires less space in comparison to cable systems

EAE USA

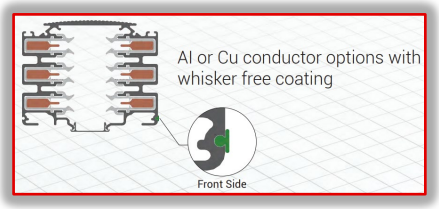
E-LINE KD-III Busway (250A – 800A)



- Special holder mechanism for optimal Tap-Off Box placement
- Plug-Play Tap-Off Boxes for efficient energy monitoring
- Long-life contacts ensuring constant pressure for safety
- Snap-In Suspension Mechanism for quick setup
- Mono Block Joint for long-lasting connections
- IP23D for superior protection level

The KD-III Busway system - Data Center Busbar Distribution

To power the mission critical IT infrastructures, EAE offers a highly flexible Busbar Systems for reliable and energy efficient operations in your System's Data Centers.

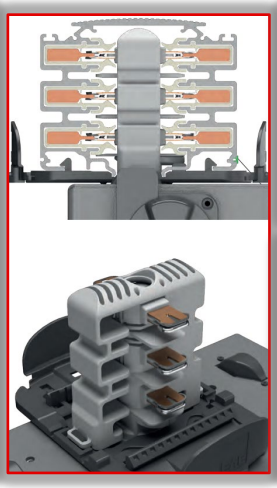


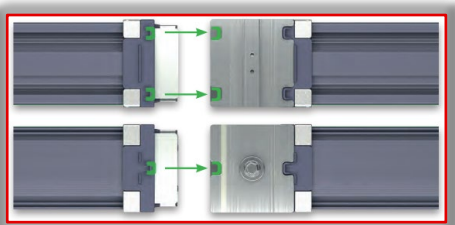
Features:

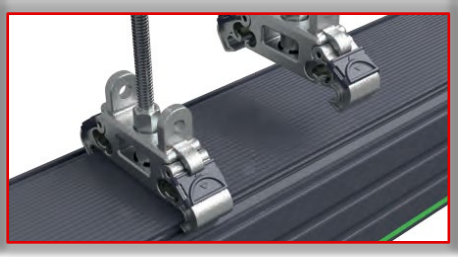
- Plug-in-play anywhere along the bar
- Protected Tap-off contacts
- Aluminum or copper conductors (4,5 or 6 conductors)
- Tin plated aluminum or copper conductors
- Safe alignment mechanism ensures correct installation and operation
- Special interlock mechanism enabling to carry the weight of the plug-in box and cables at the busbar housing
- Pre-installed joints for easy, safe installation

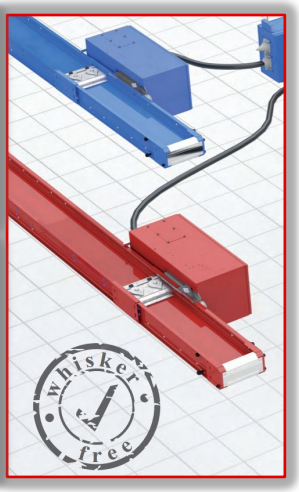
Applications:

White Space, High Density Distribution & Mid-Range Areas with "Infinite Flexibility", Medium-sized buildings & industrial facilities









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EAE USA

E-LINE CCR-II Busway (400A – 6000A)

The CCR-II Busway system
Traditionally, carrying high currents (transformer to switchboards, main distribution lines, power distribution for factories) was achieved using multiples of large cross-section cables in parallel. In order to support these cables in the buildings, there were used a lot of cable trays, cable ladders, under-floor cable channels, etc.

Applications include: Outdoor environments, Oil & Gas plants, Petrochem, Nuclear plants, Cement plants, Power plants, Industrial, Harbors & Shipyards, Tunnels & Underpasses, Gallery transitions and more...

Using "Cast Resin Busbars" in outdoor environments instead of cables applied as mandatory offers many advantages.

High IP Isolation
Aluminum body over the IP 68 "DUROCOMP" composite material that is made by specially selected pure silicium minerals and epoxy resin and has high temperature and mechanical operation features protects E-LINE CCR-II busbar from external elements.

Effective Heat Dissipation
Heat accumulated in conductors are transferred into the environment through the aluminum body thanks to the additives with high heat transfer rate used in the system.

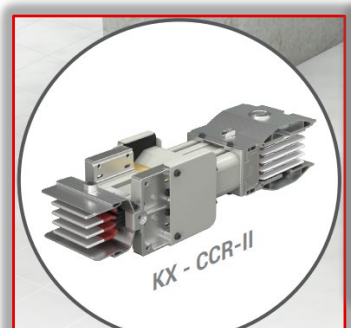
Fire and Earthquake Resistance
3 hours Electrical Continuity under Fire as per IEC 60331-1 2 hours current continuity according to BS 8602 standard Seismic Resistance as per IEC 60068-3-3 / 60068-2-57 and IEEE 693

One Bolt Joint Ensures Safety and Easy Installation
E-Line CRR Busbars are installed by tightening the "one bolt joint". Belleville spring washers on both ends of the bolt retains the original contact pressure, ensuring a more secure, reliable and maintenance - free joint.

Short Circuit Withstand
High mechanical and thermal resistance within aluminum body thanks to DUROCOMP material

- **Copper & Aluminum options:**
- **3, 4, 4.5 & 5 conductor options**

High current capacity for demanding oil and gas operations.
Explosion-resistant and corrosion-resistant construction.
Advanced monitoring and safety features.
Flexible design for efficient installations.



Advantages of a Cast Resin System
- IEC 61439-6 standard approved
- Protection degree IP68
- Protects against corrosion
- Resist insects and rodents
- Suitable for tropical climates
- High mechanical strength
- Protects against chimney effects
- High short circuit withstand
- Resistant to fire propagation
- Electrical continuity during fire
- Suitable to connect with E-Line KX busbar systems
- Voltage layout advantage thanks to its compact structure

EAE USA

EAE USA - E-LINE Comprehensive Busway Systems (CCR-II, KX-III, KD-III)

Busway Power Distribution

- Power Busway System is a modular energy transmission and distribution system created by insulating current carrier Aluminum or Copper busway conductors placed in a closed body.
- The busway system is used to transmit energy to a point along the route within the facility, starting from a point such as a transformer, generator or panel, or to distribute energy to the loads in the facility by receiving energy from the current receiving points on it with tap off boxes.
- EAE's power busway products are superior to traditional power distribution means, such as cable bus and conduit/wire.
- EAE's extensive labor savings, ease of use and low maintenance allow for a more cost effective and less labor-intensive method of transmitting power to and throughout a facility.
- EAE is the unrivaled leader in busway products due to their ability to seamlessly interconnect all their busway types & connect to any manufacturer's gear.
- Engineer project assist (REVIT), contractor field training, < 20-week lead times, saving options all included with EAE busway.

Tin plating is EAE standard application on all busway systems. Silver plating is optional.
Tin / Silver plating, prevents oxide formation on all contact surfaces and minimizes contact resistance.

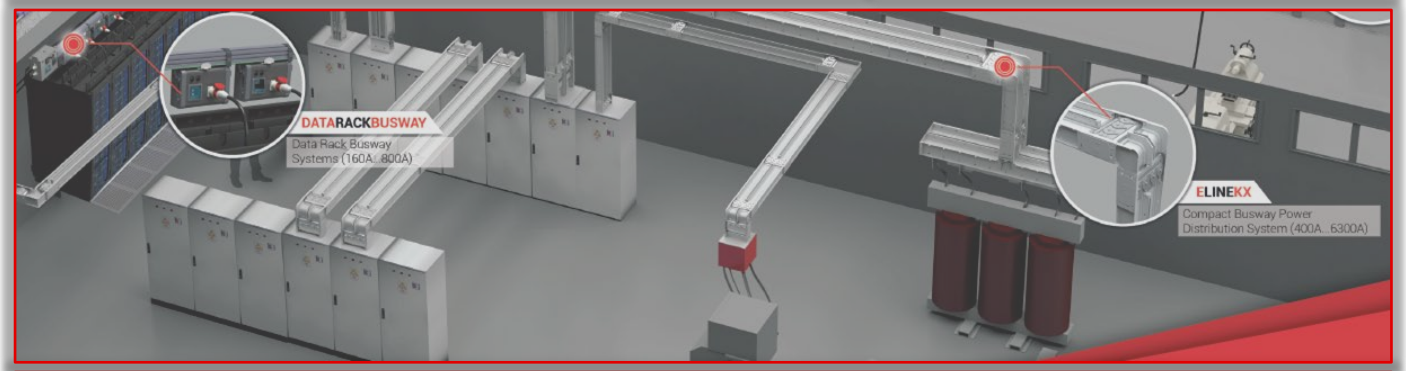
EAE designs the busway systems for each project according to customer requirements, with focus on energy saving and efficiency.

Specially formulated class B epoxy insulation ensures longer life cycle.

Extraordinary fire resistance performance.

Since 1973

EAE Group of Companies started its journey in the electrical sector in 1973 with the establishment of EAE Elektrik. Since its founding, EAE has grown rapidly, expanding its production and areas of operation by incorporating EAE Lighting in 1983, EAE Machinery in 1996, EAE Electrotechnics in 2004, and EAE Technology in 2009.



50+	7	360.000 sqf.	3	150+
Years Experience	Active Factories	Manufacturing Area	R&D Centers	Countries Exported To

EAE carries out its production activities in accordance with ISO 9001 Quality Management, ISO 14001 Environmental Management, ISO 14064-1 Greenhouse Gas Management System, ISO 45001 Occupational Health and Safety Management, ISO 10002 Customer Satisfaction Management, ISO 50001 Energy Management System, and ISO 27001 Information Security Management System standards.