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BUSBAR GENERAL INFORMATION

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BUSBAR GENERAL INFORMATION

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BUSBAR GENERAL INFORMATION

A Short History of Busbar Trunking Systems

The busbar trunking system was first introduced in America in the 1930s to meet the needs of the high rise buildings and the changing production technologies in factories.

The system started to be used in Japan and Europe in the 1950s. It was EAE Elektrik A.Ş. who started the production and use of **busbar trunking systems** in Turkey in the 1970s.

EAE E-LINE BUSBAR

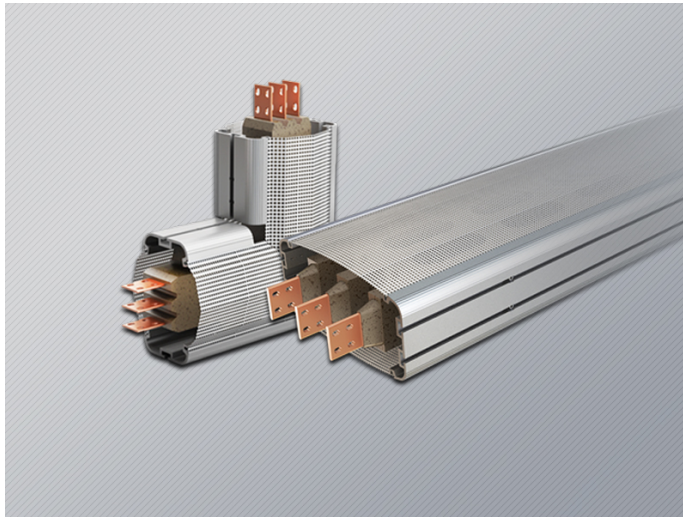
With their modular configuration, EAE E-Line Busbar energy distribution systems meet all power requirements in modern enterprises and buildings. Alterations in layouts, addition of machinery, and provision of power at various points can be achieved without disrupting the operational parts of the facility.

Power is distributed via isolated bars within a sheet metal or aluminum enclosure and is safely distributed using tap-off boxes which can be plugged in and out safely from tap-off outlets along the length of the busbar without interrupting the power supply to other equipment supplied by the same busbar.

E-Line KX Busbar & Busbar Systems

E-Line Busbars, which have international test certificates, can be expanded, replaced, moved or reused whenever necessary. It is very easy, economical and safe to take power using tap off boxes placed anywhere along the **busbar** route.

Busbar Pictures



(<https://eae.com.tr/images/urunler/busbar-genel/busbar-genel6.jpg>)



(<https://eae.com.tr/images/urunler/busbar-genel/busbar-genel3.jpg>) (<https://eae.com.tr/images/urunler/busbar-genel/busbar-genel4.jpg>)

Busbar Current Carrying Capacities

Busbar MV: Provides transfer and distribution of energy in the current levels between **950A and 5700A** (Medium Voltage Busbar: Protection with metal over cast resin). Conductors are made of aluminum or electrolytic copper as per choice.

Busbar KX: Provides transfer and distribution of energy in the current levels between **400A and 6300A** (With tin-plated aluminum busbar or copper busbar conductors.)

Busbar CR (Cast Resin Busbar): Provides transfer and distribution of energy in the current levels between **630A and 6300A** (With tin-plated aluminum busbar or copper busbar conductors.)

Busbar KB: Provides transfer and distribution of energy in the current levels between **800A and 6300A** (With tin-plated aluminum busbar or copper busbar conductors.)

Busbar KO-II: Provides transfer and distribution of energy in the current levels between **160A and 800A** (With tin-plated aluminum busbar or copper busbar conductors.)

Busbar MK: Provides transfer and distribution of energy in the current levels between **100A and 225A** (With tin-plated aluminum busbar or copper busbar conductors.)



LONGEVITY

EAE E-Line Busbar systems have structural features that do not require special maintenance. Each component of the system is modular and can be installed and uninstalled easily. The entire system may be moved to another location if necessary.



MODERN LOOK

In addition to their functionality, E-Line **Busbar systems** give a modern look to business enterprises.



FLEXIBILITY AND ECONOMY

Through their modular structure and superior features, E-Line Busbar systems provide easy, economical, fast and modern solutions for the relocation of machinery and similar equipment in business enterprises. All modifications and additions can be performed easily without interrupting the operation of the facility.

Bus bar (<https://www.eae.com.tr/EN/Search?q=bus+bar>)

Busbar system (<https://www.eae.com.tr/EN/Search?q=busbar+system>)

Busbar trunking (<https://www.eae.com.tr/EN/busbar-general-information.html>)

Electrical bus bar (<https://www.eae.com.tr/EN/Search?q=electrical+bus+bar>)

Copper Busbar (<https://www.eae.com.tr/EN/Search?q=copper+busbar>)

What is a busbar ? (<https://www.eae.com.tr/EN/busbar-general-information.html>)

SHARE



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