

E-Line KAP Small-Power Busbar System (40–63 A)



Product Features

- Designed for small-power applications, typically in the 40 A to 63 A range
- Fast, safe installation using silver-plated spring contacts and a single-bolt locking mechanism
- Full-length insulation over conductors for enhanced safety—even if the housing is compromised
- Offers up to 5-conductor configurations, including phase, neutral, and optional grounding conductor options
- Conductors made of electrolytic copper with tin plating to minimize oxidation and contact resistance
- Plug-in points spaced every 75 cm as standard, customizable as needed
- Silver-plated joint contacts for minimal contact resistance and reliable performance
- Built in compliance with IEC 61439-1/6, tested under full type test cycles, and produced with ISO 9001 / 14001 quality standards

Product Description

The E-Line KAP Busbar System is engineered for efficient small-power distribution in settings such as workshops, light manufacturing, and sewing or hand machine areas. Rated up to 63 A, it delivers reliable energy delivery with a compact, safe, and easy-to-install design. Fully insulated conductors and tin-plated copper ensure both operator safety and long-term performance. Its modular plug-in architecture, with outlets every 75 cm, enables flexible load placement. Manufactured to rigorous IEC standards and backed by ISO-certified production, the E-Line KAP provides a trusted and adaptable solution where small-power connectivity is needed.

Product Specifications

Current Range:	40 A – 63 A
Application Focus:	Small-power tools and equipment (e.g., hand machines, sewing machines)
Conductor Material:	Tin-plated electrolytic copper; fully insulated along entire length
Conductor Configurations:	Options for 2-wire, 3-wire, 4-wire, or 5-wire setups (including phase, neutral, and ground)
Plug-In Interval:	Standard every 75 cm, customizable
Joint Contacts:	Silver-plated, low-resistance connections
Installation Mechanism:	Bolt-lock joint with spring-loaded contacts for fast assembly
Electrical Standards:	IEC 61439-1/6 compliance; type-tested under full IEC cycles
Quality Systems:	ISO 9001 and ISO 14001 certified production
Safety & Insulation:	Full-length insulation on conductors; housing used as grounding conductor when required
Applications:	Light industrial areas, workshops, small enterprises, garment and sewing facilities