

E-Line KL Medium-Range Busbar System (160–1250 A)

Product Features

- Handles currents from 160 A up to 1250 A
- Flexible orientation: horizontal or vertical installation
- Offers cost-effective flexibility with switchable metal boxes or plastic boxes for lower current demands
- Durable sheet-metal housing finished with epoxy-polyester powder coat (RAL 7038)
- Full-length tin-plated aluminum or copper conductors
- Configurable in 4 or 5 conductors
- Standard plug-in tap-off outlets every 50 cm on both sides
- Includes a Clean Earth (grounding) conductor option
- IP55 rated protection—dust-protected and splash-resistant

Product Description

The E-Line KL Busbar System is a robust and adaptable medium-capacity solution designed for electrical distribution across industrial, commercial, and mixed-use buildings. Delivering up to 1250 A, it supports both horizontal and vertical layouts. Its modular design, compatible with switchable boxes, enables customizable tap-off configurations. Built with a resilient epoxy-coated sheet-metal housing and durable tin-plated conductors, it brings together efficiency, safety, and flexibility. The inclusion of plug-in outlets every 50 cm, a Clean Earth option, and IP55 protection makes it ideal for dynamic environments such as manufacturing facilities, malls, data centers, hospitals, and high-rise structures.

Product Specifications

Current Range:	160 A – 1250 A
Mounting:	Horizontal or vertical
Housing:	Sheet metal with epoxy-polyester coating (RAL 7038)
Conductors:	Tin-plated aluminum or copper
Configuration Options:	4 or 5 conductors
Tap-Off Spacing:	Every 50 cm on both sides
Clean Earth Option:	Available for enhanced grounding
Ingress Protection:	IP55
Applications:	Factories, automotive facilities, malls, exhibition centers, high-rise buildings, hotels, hos

Conductor Configuration

Aluminium and Copper Conductor:

- 4 Conductor (L1/L2/L3/N/ PE Housing)
- 5 Conductor (L1/L2/L3/N/ PE / PE Housing)
- 5 Conductor (L1/L2/L3/N/ ½ CPE / PE Housing) – Clean Earth

Conductor Material and Rated Currents

E-Line KL Busbar

Aluminum Conductor:

160A / 250A / 315A / 400A / 500A / 630A / 800A / 1000A

Copper Conductor:

250A / 315A / 400A / 500A / 630A / 800A / 1000A / 1250A

Tap Off Boxes

E-Line KL Busbar

- With 32/40/63/80A Plastic Tap-off Boxes
- With 160/250/400A Sheet Metal Tap-Off Boxes
- Three phase tap off boxes with DIN mounted MCB up to 40A or 80A (empty or fuse included)
- Tap off boxes with SYK switch fuse up to 160A, 250A and 400A (excluding fuses)
- Tap off boxes with MCCB (moulded case circuit breaker) with current ratings up to 160A, 250A and 400A