

E-Line KY-S Lighting & Low-Power Busbar System (25–63 A)



Product Features

- Copper conductors rated for 25 A, 40 A, and 63 A, suitable for lighting, socket circuits, and low-power loads.
- Multiple conductor configurations: 2 to 6 conductors per housing (single-phase or three-phase).
- DALI-compatible version available (6-conductor) for intelligent lighting control.
- Flexible load connection via 10 A–16 A tap-off plugs and 32 A tap-off boxes.
- Fully automated production, ISO 9001 certified, designed & tested per IEC 61439-6.
- Housing: pre-galvanized sheet steel, optional RAL 7038 finish.
- Slider-type joint caps enable tool-free installation and reliable continuity.
- Full-length flame-resistant insulation over tin-plated copper conductors.
- Silver-plated spring contacts minimize resistance and heat buildup.
- Colour-coded, lockable tap-off plugs and boxes for safe and easy phase identification.
- Clean Earth (CPE) grounding option available.
- IP55 rating ensures dust and water protection.

Product Description

The E-Line KY-S Busbar System is optimized for lighting and low-power distribution in commercial, industrial, and institutional settings. With current ratings of 25 A, 40 A, and 63 A, it provides an efficient and modular alternative to traditional cabling. Its modular design allows quick installation and flexible adaptation, while options for up to 6 conductors support versatile applications, including DALI-controlled lighting networks. Safety is ensured through flame-resistant insulation, silver-plated

contacts, and lockable colour-coded tap-off plugs that prevent accidental misuse. With ISO-certified manufacturing, IEC compliance, and IP55 ingress protection, the KY-S system guarantees long-term reliability in malls, office buildings, hospitals, factories, and infrastructure projects.

Product Specifications

Current Ratings:	25 A, 40 A, 63 A (copper conductors)
Conductor Options:	2 to 6 conductors (single-phase or three-phase)
DALI Version:	6-conductor option for automated lighting control
Tap-Off Devices:	10 A–16 A tap-off plugs, 32 A tap-off boxes
Housing:	Pre-galvanized sheet metal, optional RAL 7038 coating
Joints:	Slider-type joint caps, tool-free, with continuity guarantee
Insulation:	Flame-resistant, full-length conductor insulation
Contact Technology:	Silver-plated spring contacts and engineered joints
Grounding Options:	Clean Earth (CPE) conductor available
Protection Rating:	IP55 (dust & water resistant)
Standards & Quality:	IEC 61439-6 compliance; ISO 9001 certified production
Applications:	Lighting circuits, low-power sockets, DALI networks, offices, malls, hospitals, inf