What type of distribution box is model KSL



Overview

(1) With KBSL and KSL left and right execution, as well as control line are identically constructed.

Key Takeaways

The KSL is a totally enclosed, touch-proof conductor system designed for safe mobile power distribution in industrial applications.Overview

The KSL distribution box is part of VAHLE's Powerail series, which includes KBSL, KSL, and KSLT models. It is a compact, fully enclosed conductor system that provides safe and reliable power feeding for equipment such as overhead cranes, monorail systems, electric hoists, automated storage and retrieval systems, machine tools, assembly lines, and studio or station lighting systems .

Key Features
• Touch-proof and safe: Designed to prevent accidental contact with live conductors, meeting VDE safety requirements .

• Stiffener clamps: Unlike the KBSL model, the KSL is equipped with stiffener clamps for added structural stability .

• Indoor applications: Standard KSL units are suitable for indoor use, with compact insulating housing holding 4–5 pure copper conductors .

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• Modular lengths: Available in standard sections of 1, 2, 3, or 4 meters, with options for curves and custom lengths .

• Corrosion-resistant: The housing is designed to resist corrosion and minimize space requirements, making installation easier .

• UL and CSA approved: Ensures compliance with international safety standards .
Applications

The KSL system is ideal for mobile power distribution in industrial and commercial environments, including:

• Overhead cranes and monorail systems

• Electric hoists and power tools

• Automated storage and retrieval systems

• Assembly and test lines

• Hanger door motors and studio lighting systems
Additional Notes

For outdoor applications, VAHLE recommends using the KSLT or KSG models due to their improved thermal properties. The KSL system can be configured with different conductor cross-sections, and proper protection must be applied if the neutral conductor is smaller than the outer conductors, following IEC60364-4-43 standards . In summary, the KSL distribution box is a robust, safe, and versatile conductor system designed for industrial mobile power applications, offering compact design, touch-proof safety, and compliance with international standards.

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KSL | KBSL

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Our distribution boxes are perfect for industrial environments, catering to automation, robotics, and processing facilities. They provide

Per diem rates

GSA establishes the maximum CONUS (Continental United States) Per Diem rates for

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