

What is an AK electrical distribution box

Article Overview

An AK electrical distribution box is a compact, versatile, and installation-friendly electrical distributor designed for safely managing and distributing power in residential, commercial, and industrial settings.

Overview

The AK electrical distribution box, particularly the AK Compact series from Spelsberg, is a type of small distribution board used to safely distribute electrical power from a main supply to multiple circuits while protecting and organizing the electrical system . It is designed for standard indoor installations such as technical rooms, workshops, smaller commercial units, and residential buildings .

Key Features

- Compact and space-saving design: Ideal for areas with limited space, offering configurations from 3 to 36 modules .
- High protection and durability: Protection class up to IP65, impact resistance up to IK08, and halogen-free materials ensure safety and longevity .
- User-friendly installation: Tool-free cable insertion, screwless PE-/N terminals, and removable base carriers simplify wiring and reduce installation time .
- Flexible configuration: Supports multiple N-potentials and allows up to four N-modules, providing adaptability for future expansions or retrofitting .
- Enhanced reliability: Designed for demanding commercial and industrial environments, ensuring consistent performance under challenging conditions

Article Content

Mar 01, 2026

Complete Guide For Distribution Boxes Types

Distribution boxes, also known as electrical distribution boards or panels, are pivotal components in electrical systems, ensuring the

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Distribution board

A distribution board (also known as panelboard, circuit breaker panel, breaker panel, circuit breaker, electric panel, fuse box or DB

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What Is an Electrical Distribution Box? A Complete Guide

An electrical distribution box is a centralized unit responsible for distributing electrical power across

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Electrical Distribution Boxes for Power Distribution

The Wieland distribution boxes, ic compliance to IEC 61439, together with our installation connector

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Distribution board

North American distribution boards are generally housed in sheet metal enclosures, with the circuit breakers positioned in two

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Power Distribution Boxes Explained Simply

Learn what a power distribution box is, how it works, key components, types, and why it's

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Ultimate Guide To Distribution Boxes Db Boxes Types

Introduction For procurement professionals, electrical contractors, and project managers, choosing the

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Distribution Boards

Distribution boards, often referred to as electrical panels or breaker boxes, serve as the nerve center of any electrical system. Here

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Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find

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Distribution Box Guide: Types, Components & Solutions

What is a Distribution Box? A distribution box, or DB box, is a circuit breaker enclosure. It is a vital part and central

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Understanding Distribution Boxes:A Comprehensive Guide

Understanding its significance, this article covers what a distribution box is, how it functions,

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Electrical Control Panels & Distribution Boxes: Sizes, Types, and ...

Introduction Electrical control panels and distribution boxes are the backbone of modern electrical systems. From

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Distribution Box: Types and Functions | Axis-Electricals

A distribution box ensures that electrical supply is distributed in the building, also known as a distribution board, panel board, breaker

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Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

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Distribution boxes for light controls. AK2 DALI.

AK2-W5 Deksel, 3x5p DALI Wieland zwart Distribution boxes for light controls. AK2 DALI. Article no: AT6328.01

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What is an Electrical Distribution Box? A Comprehensive Guide

What is an Electrical Distribution Box? At its core, an electrical distribution box (or distribution board) is a metal or

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What Is a Distribution Box? Types, Uses & How to Choose

A distribution box, also known as a power distribution box or electrical distribution box, is

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Understanding Distribution Boxes: Your Guide to Power

What are Distribution Boxes and Their Importance? What are Distribution Boxes and Their

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Wiring of the Distribution Board with RCD (Single Phase

The above mentioned electrical wiring accessories and protective devices are used to control and

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Standard indoor installation: Spelsberg

The Spelsberg electrical distribution boxes of the AK Compact series are specially designed for standard indoor installations. They

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Small distributions boards AK 05 (73540501) Standard indoor installation

Small distributions boards AK 05 (73540501) Small distribution board, 5 distribution units, PE/N terminal, with each 2 clamping points

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Distribution box

Yet the distribution box is a highly complex component that not only ensures safe power distribution, but is also responsible for

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What is the use of the AC distribution box?

Electric energy control: AC power distribution box realizes the control of electric energy by integrating various control components,

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Complete Guide For Distribution Boxes Types

What Are Distribution Boxes? Distribution boxes, also known as junction boxes, electrical boxes, or panelboards, are essential

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Understanding Distribution Boxes: A Comprehensive

Distribution box What Is a Distribution Box Used For A distribution box is used to receive

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EG Electronics | AK Power Distribution Box ABS Enclosure

A durable ABS-enclosed power distribution box with IP65 protection, customizable fuse holders for industrial and automotive

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A comprehensive understanding of distribution box

□□ Introduction Distribution boxes are at the heart of safe and organized electrical systems—whether in residential,

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Distribution boxes for light controls. AK2 DALI.

Distribution boxes for light controls. AK2 DALI. Wieland gesis® CLASSIC GST18® snap-in connector 5-pin for DALI applications

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What is an Electrical Distribution Box? A Comprehensive Guide

Discover everything you need to know about electrical distribution box! Learn about types, components, and how to

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