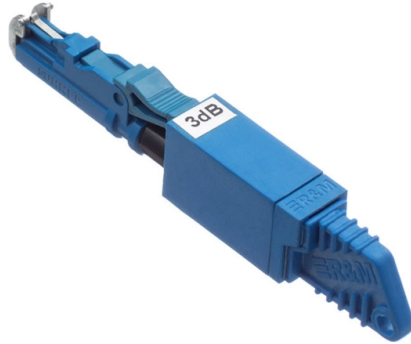


Hard-wired distribution box



Article Overview

A hard-wired distribution box is a compact, sealed module that distributes electrical power to multiple circuits using direct wire-to-component connections, often in automotive or industrial applications.

Overview

A hard-wired distribution box is designed to manage and distribute electrical current from a main power source to multiple circuits, providing protection and organization for complex wiring systems. These boxes are commonly used in vehicles, heavy-duty equipment, and other applications where reliable power distribution is critical .

Key Features

- **Direct Wire-to-Component Connections:** Allows customization of circuits using fuses, circuit breakers, relays, and diodes .
- **Sealed and Waterproof:** Many models, such as the Littelfuse HWB60-AL series, achieve IP67/IP68/IP69K ratings, protecting against dust, moisture, and debris .
- **Terminal Position Assurance (TPA) Locks:** Prevent accidental disconnection due to vibration or snagging .
- **AssureLatch™ Technology:** Ensures a secure, positive-sealing cover closure for environmental protection .
- **Customizable Components:** Supports MINI® fuses, circuit breakers, and ISO-style relays, allowing flexible circuit protection from 2A up to 30A .
- **Modular Design:** Units can be interlocked or dovetailed with other distribution modules to expand capacity or integrate with existing systems ...

Article Content

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The installation requirements for the distribution box

Learn how to install a distribution box safely and correctly. Covers wiring, placement, standards, and expert tips for a

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We provide you with information on our distribution boxes for download. Download our product catalog for

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

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HWB60-AL Hard-Wired Boxes

Littelfuse HWB60-AL Hard-Wired Boxes are an ideal fit for accessory circuits and overflow

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Littelfuse HWB Hard-Wired Power Distribution Modules

Littelfuse HWB Hard-Wired Power Distribution Modules (PDMs) offer designers a variety of

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Wiring of the Distribution Board with RCD (Single Phase Home Supply)

Wiring Accessories for Single Phase Distribution Board Main Distribution Board or Fuse Boards (Consumer Unit) usually contains on

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Circuit Protection, Fuses, Power Control & Sensing

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Electrical Distribution Boxes for Power Distribution

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

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PDM21001LXM | HWB60 Series Hard-Wired PDMs | Littelfuse

A compact fuse block without bussing, the HWB60 Hard-Wired Waterproof Power Distribution Box accepts MINI® fuses and circuit

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Download Our Hard-wired Box White Paper

NEW - Vehicle Electrical Protection White Paper This new white paper from Littelfuse explores how and why you might want to

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PDM71009ZXM | HWB60_AL Series Hard-Wired PDMs | Littelfuse

Are you looking for a compact, easy-to-install waterproof fuse and relay box? The HWB60-AL Series Hard-Wired Waterproof Power

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HARD-WIRED MODULES

Once, designing power distribution and circuit protection systems for working trucks was complicated and time-consuming,

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Customizable Hard-Wired Power Distribution

Sealed to an IP67/IP69K rating, the HWB series keeps your circuits protected from dust, moisture, and debris. This allows you to

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HWB18 Series – Hard-Wired PDM – DC Power Distribution Modules

HWB18 Series – Hard-Wired PDM – DC Power Distribution Modules Ideal for use as the main unit on small vehicles or for accessory

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Power Distribution Boxes Hardkorr Power Distribution Boxes are designed to simplify and organise your

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

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