

Distribution Box AL-p1 Specifications



AI Overview

The AL-P1 series distribution block is a modular, single-primary to multiple-secondary power distribution solution made of high-conductivity aluminum with a glass-filled polyester base, supporting 350 MCM-6 AWG primary and 2/0-14 AWG secondary connections.

Key Specifications

Design and Modularity: The AL-P1 series features a modular Add-A-Pole™ design, allowing users to slip and lock the number of poles required for a specific application. This modularity reduces stocking requirements and enables flexible configuration for single or multi-block setups.

Electrical Capacity: Primary connection: 350 MCM to 6 AWG Secondary connections: 2/0 to 14 AWG

Poles: Single primary with up to six secondary connections in the AL-P1-K6 model.

Materials: The connectors are made of tin-plated aluminum, providing reliable conductivity for both copper and aluminum wires. The base is constructed from high-strength, glass-filled polyester, ensuring durability and mechanical stability.

Installation and Mounting: Each block can stand alone or be combined with other blocks to form a multi-block set. The modular design allows easy expansion and secure pole-to-pole connections without additional hardware.

Applications: The AL-P1 distribution blocks are suitable for industrial, commercial, and automotive electrical systems where multiple secondary circuits need to be fed from a single primary source. Their robust construction and modularity make them ideal for flexible power distribution setups.

Summary: The AL-P1 series provides a high-strength, modular, and versatile solution for distributing power from a single primary input to multiple secondary outputs, supporting a wide range of wire sizes and ensuring reliable connections for both copper and aluminum conductors.

Article Content

Data Sheet Revised P1 Panelboards

Feed-thru (FT) panels are pre-engineered to accept the most common modifications without increasing box height. The enclosure size is determined by the number of circuits as shown in the Main Lug

NSI Industries AL-P1-K6 Power Distribution Block (1) 350 MCM-6

The NSI Industries AL-P1-K6 is a power distribution block designed for effective electrical connections. This model supports one wire of three hundred fifty MCM to six AWG on the line side and six wires

Nsi AL-P1-K6 6AWG to 350KCMIL Aluminum 1-Pole

Home Wire Management Lugs, Taps, & Split Bolts Power Distribution Blocks

AL-P1-K6 Power Distribution Block by NSI INDUSTRIES

Specifications Part # AL-P1-K6 Category Panel Accessories Subcategory Power Distribution Block Weight 1.00 lbs

POWER PRODUCT Panelboards

Introduction distribution technology. The "P Series" line of panelboards offers a stepped approachable panelboard family. Engineered specifically to provide maximum flexibility, the new designs simplify

NSI INDUSTRIES AL-P1-K6 Power Distribution Blocks | WESCO

Description Power Distribution Blocks: Block Type - Power Distribution; Poles Per Block - 1; Openings Per Pole, Primary - 1; Conductor Size - Primary - 350-6; Openings Per Pole, Secondary - 6;

AL-P1-K6

NSI INDUSTRIES | AL-P1-K6 Power Distribution Block, (1) 350 MCM-6 AWG (Line Side), (6) 2/0-14 AWG (Load Side), 310 A/Pole

Panelboards

Increasing distribution is simplified by the ability to add permits adjustments even after wiring has been installed; our feed-thru lugs. The Revised P1 design introduced in January exclusive

AL-P1-K6 Datasheet

CATALOGS POWER DISTRIBUTION UNITS (PDU) NSI INDUSTRIES LLC AL-P1-K6 -- POWER DISTRIBUTION BLOCK

Selection and application guide

The line is anchored by the innovative P1. Featuring the industry's most flexible designs, the P1 virtually eliminates common errors, such as feed direction, and main lug versus main breaker. Increasing

ALP1K6 AL-P1-K6 Nsi (1)-350 to (6)-2/0 Power Dist Block

Quick Specs Catalog Number ALP1K6 Vendor Code NSI Manufacturer Nsi
Manufacturer's Part Number AL-P1-K6 Description (1)-350 to (6)-2/0 Power Dist Block
Power Distribution Block, 1 Primary

NSI AL-P1-K6 (1) 350 MCM

Technical Description: Modular Type; 5.5 Inch L X 2.9 Inch W X 3.25 Inch H Size; Black Color; Aluminum/Copper Conductor Material; UL, CSA Approval; 600 V

Customized Automation Distribution Panel Box

YY-P1 Customized Automation Distribution Panel Box Electrical Board offers versatile solutions for diesel generator control. Enjoy IP54 protection and 1-year warranty. | Alibaba

Siemens · Data sheet · A4 portrait

The P1 series virtually eliminates common errors, such as feed direction, and main lug versus main breaker. Increasing distribution is simplified by the ability to add feed-thru lugs or Subfeed Breakers

NSI INDUSTRIES AL-P1-K6 Power Distribution Blocks | WESCO

Specifications Country of Origin: United States - Subject to change Block Type: Power Distribution Poles Per Block: 1 Openings Per Pole, Primary: 1 Conductor Size - Primary: 6 AWG to 350 MCM

Revised P1 Panels

Revised P1 Panels – Ready to Assemble Panelboards (RTAP) To better serve the needs of our customers, we are proud to announce that we are an Authorized Siemens RTAP Distributor. What

Power Distribution Blocks #4

Power Distribution Blocks Product Details: Style - Open Style Poles - Single Pole Modular Design allows blocks to be joined for multiple poles. Connector Material - High strength aluminum alloy with tin

NSI Industries AL-P1-K6 | Power Distribution Block, (1) 350

NSI Industries AL-P1-K6 | Power Distribution Block, (1) 350 MCM-6 AWG (Line Side), (6) 2/0-14 AWG (Load Side), 310 A/Pole.

Distribution Box

Distribution Box Space and cost saving solution Amphenol LTW's distribution boxes facilitate efficient cable management, easy installation with pre-wired configuration, and provides a centralized

AL-P1-K6 Single Primary-Multiple Secondary POWER

AL-P1-K6 Single Primary-Multiple Secondary POWER DISTRIBUTION BLOCK Add-A-Pole™ is an advanced line of modular power distribution blocks. Simply slip

ALP1K6 AL-P1-K6 Nsi (1)-350 to (6)-2/0 Power Dist Block

Power Distribution Block, 1 Primary Openings, 6 Secondary Openings, #6 AWG to 350 MCM Primary Opening Wire Size, #14 to #2/0 AWG Secondary Opening Wire Size, 310 A, 600 V, Clear Acrylic,

untitled [s3.amazonaws]

The line is anchored by the innovative P1. Featuring the industry's most flexible designs, the P1 virtually eliminates common errors, such as feed direction, and main lug versus main breaker. Increasing

Revised P1-Ready To Assemble Panelboards

Revised P1 panelboards Interiors only - Less branch breakers Box Trims Amps Max. # Bus Revised P1 Main Lug Type 1 Type 1 Type 1 of Poles Material Interior Catalogue Number Encl. Surface Flush 1- 3

NSI AL-P1-K6 6 AWG to 350 MCM Line 14 to 2/0 AWG Load 7

Power Distribution Block (1) 350 MCM-6 AWG Primary (6) 2/0-14 AWG Secondary Power Distribution Blocks are made of high strength, high-conductivity aluminum alloy and are mounted in a high

NSI AL-P1-K6 | The Reynolds Company

Connector Bloks™ AL-P1-K6 Single Primary Power Distribution Block, 600 V AC, 310 A, 1 Poles, 6 AWG to 350 kcmil Wire, Aluminum

Contact Us

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