



**SKU:** PDB-55-500-1

**UPC:** 0783669711554

**Features & Benefits:**

**Description:** Power Distribution Block, Dual Rated, Line Conductor Range 500-3/0, Load Range 500-3/0, 5 Ports Per Pole Line Side, 5 Ports Per Pole Load Side, 1 Pole, UL, CSA, Includes Cover

## Specs

### Additional Class Attributes

Block Size	W
Connection	Mechanical
Mounting Hole Type	Thru
Number of Conductors	10
Number of Poles	1
Number of Ports Per Pole Primary	5
Number of Ports Per Pole Secondary	5

### Dimensions

Drive Size Main	3/8
Drive Size Tap	3/8
Drive Type Main	Internal Hex
Drive Type Tap	Internal Hex
Height (IN)	4.942
Height BX (IN)	4.75
Height (mm)	125.5268
Length (IN)	4
Length (mm)	101.6
Mounting Hole Diameter (IN)	0.281
Mounting Hole Diameter (mm)	7.1374
Mounting Hole Spacing (IN)	3
Mounting Hole Spacing (mm)	76.2
Weight (LB)	4.161
Weight BX (LB)	4.5114
Width (IN)	6.335
Width BX (IN)	5
Width (mm)	160.909

### Material and Finish

Conductor Material	Copper
Connector Finish	Tin
Enclosure Material	Valox
Insulation	NA
Material	Aluminum
Wire Binding Hardware Finish	Tin
Wire Binding Hardware Material	Aluminum

### Bolt and Screw Sizes

Mounting Bolt/Stud Size	1/4
Number of Wire Binding Screws per Port	1
Wire Binding Screw Size	1/4
Wire Binding Torque	375

### General

Bag Quantity	1
Carton Quantity Description	STD PACK QTY 1
Dual Rated	Yes
NEMA Code	S-588-4
UPC Code	78366971155

### Testing Standards

CSA File Number	NA
Prop65 Compliance	WARNING: Cancer and Reproductive Harm - <a href="http://www.P65warnings.ca.gov">www.P65warnings.ca.gov</a>
ROHS Indicator	IND
RUS Listed	No
UL Control Number	NA
UL / CULUS Specification	UL 1059 Recognized
UL File Number	E84782

### Color

Color	Black
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### Conductor Ranges

Conductor Range AL Solid (Secondary, tap, load)	NA
Conductor Range AL Stranded (Primary, run, main, line)	500 kcmil - 3/0 Str
Conductor Range AL Stranded (Secondary, tap, load)	500 kcmil - 3/0 Str
Conductor Range CU Solid (Primary, run, main, line)	NA
Conductor Range CU Solid (Secondary, tap, load)	NA
Conductor Range CU Stranded (Primary, run, main, line)	500 kcmil - 3/0 Str
Conductor Range CU Stranded (Secondary, tap, load)	500 kcmil - 3/0 Str
Conductor Range AL Solid (Primary, run, main, line)	NA

### Additional Technical Specifications

Connector Amperage Rating CU (Derated where applicable)	1900 Amps
Conductor Type	Solid

### Voltage

Voltage Rating	600 V
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### Environment and Temperature

**Flammability Rating**  
**Temperature Rating**

NA  
90°C