

# Power Distribution & Terminal Blocks

## Power Distribution Blocks

600Vac/dc

**PDB**



**Catalog Symbol:** Power Distribution Blocks

**Voltage Rating:** 600 Vac/dc maximum

**SCCR:** 10kA (except for select products noted)

**Agency Information:**

UL Recognized, Guide XCFR2, File E221592

CSA Certified, Class 6228-01, File 15364

**Example:** A 3-pole, 16023 series is 16023-3. The **line** side of the device has (1) conductor opening per pole that accepts 350kcmil - #6 CU/AL. The **load** side of the device has (6) conductor openings per pole that each accepts #4 - #14 CU or #4 - #12 AL.

### Power Distribution Blocks (600V) Catalog Data

| Catalog Number | 1-Pole | 2-Pole | 3-Pole | 4-Pole | Connection Line             | Load                                                      | Connector Material and Ampacity | UL | CSA |
|----------------|--------|--------|--------|--------|-----------------------------|-----------------------------------------------------------|---------------------------------|----|-----|
| 16021          | NA     | -2     | -3     | -4     | 2/0 - #14CU, 2/0 - #8AL     | (6) #4 - #14CU, #4 - #8AL                                 | AL-175A                         | •  | •   |
| 16023          | NA     | -2     | -3     | -4     | 350kcmil - #6CU-AL          | (6) #4 - #14CU, #4 - #12AL                                | AL-310A                         | •  | •   |
| 16220*         | -1     | -2     | -3     | NA     | 2/0 - #14CU, 2/0 - #8AL     | (4) #4 - #14CU, #4 - #8AL                                 | AL-175A                         | •  | •   |
| 16321*         | -1     | -2     | -3     | NA     | 2/0 - #14CU, 2/0 - #8AL     | (6) #4 - #14CU, #4 - #8AL                                 | AL-175A                         | •  | •   |
| 16323*         | -1     | -2     | -3     | NA     | 350kcmil - #6CU-AL          | (6) #4 - #14CU, #4 - #12AL                                | AL-310A                         | •  | •   |
| 16325          | -1     | -2     | -3     | NA     | (2) 2/0 - #14CU, 2/0 - #8AL | (6) #4 - #14CU, #4 - #8AL                                 | AL-350A                         | •  | •   |
| 16330          | -1     | -2     | -3     | NA     | 500kcmil - #6CU-AL          | (6) #2 - #14CU, #2 - #12AL                                | AL-380A                         | •  | •   |
| 16332          | -1     | -2     | -3     | NA     | 350kcmil - #6CU-AL          | (3) #2 - #14CU, #2 - #8AL<br>(2) 1/0 - #14CU, 1/0 - #8AL  | AL-310A                         | •  | •   |
| 16335          | -1     | -2     | -3     | NA     | 500kcmil - #6CU-AL          | (3) #2 - #14 CU, #2 - #8AL<br>(2) 1/0 - #14CU, 1/0 - #8AL | AL-380A                         | •  | •   |
| 16370*         | -1     | -2     | -3     | NA     | 350kcmil - #6CU-AL          | (12) #4 - #14CU, #4 - #12AL                               | AL-310A                         | •  | •   |
| 16371*         | -1     | -2     | -3     | NA     | 350kcmil - #6CU-AL          | (6) #2 - #14CU, #2 - #8AL<br>(3) 1/0 - #14CU, 1/0 - #8AL  | AL-310A                         | •  | •   |
| 16372          | -1     | -2     | -3     | NA     | 350kcmil - #6CU-AL          | (21) #10 - #14CU, #10AL                                   | AL-310A                         | •  | •   |
| 16373          | -1     | -2     | -3     | NA     | 350kcmil - #6CU-AL          | (3) 1/0 - #14CU-AL<br>(14) #10 - #14CU, #10AL             | AL-310A                         | •  | •   |
| 16375          | -1     | -2     | -3     | NA     | 600kcmil - #2CU-AL          | (12) #4 - #14CU, #4 - #12AL                               | AL-420A                         | •  | •   |
| 16376          | -1     | -2     | -3     | NA     | 600kcmil - #2CU-AL          | (6) #2 - #14CU, #2 - #8AL<br>(3) 1/0 - #14CU, 1/0 - #8AL  | AL-420A                         | •  | •   |
| 16377          | -1     | -2     | -3     | NA     | (2)300kcmil - #4CU-AL       | (12) #4 - #14CU, #4 - #12AL                               | AL-570A                         | •  | •   |
| 16528          | -1     | -2     | -3     | NA     | (2) 600kcmil - #2CU-AL      | (4) 3/0 - #6CU-AL<br>(4) #4 - #14CU-AL                    | AL-840A                         | •  | •   |
| 16530          | -1     | -2     | -3     | NA     | (2) 500kcmil - #6CU-AL      | (12) #4 - #14CU-AL                                        | AL-760A                         | •  | •   |
| 16541          | -1     | -2     | -3     | NA     | 500kcmil - #6CU-AL          | (21) #6 - #14CU-AL                                        | AL-380A                         | •  | •   |

\*SCCR up to 200kA. See additional information on data sheet #1049.

**How To Order:** Catalog Number + # of Poles

**Example:** 16021-3 (complete part number)

Dimensional information on page 3

#### Optional covers:

160 Series: CPB160 - (pole)

162 Series: CPB162 - (pole)

163 Series: CPDB - (pole)

165 Series: CPDB165 (1 for each pole)

# Power Distribution & Terminal Blocks

## Splicer Terminal Blocks

### 600Vac/dc

**PDB**



**Catalog Symbol:** Splicer Terminal Blocks

**Voltage Rating:** 600Vac/dc maximum

**SCCR:** 10kA (except for select products noted)

**Agency Information:**

UL Recognized, Guide XCFR2, File E221592

CSA Certified, Class 6228-01, File 15364

Picture shown:

3-Pole - 1 opening on line per phase

1 opening on load per phase

#### Power Distribution Blocks (600V) Catalog Data

| Catalog Number | 1-Pole | 2-Pole | 3-Pole | 4-Pole | Connection             |                        | Connector Material and Ampacity | UR | CSA |
|----------------|--------|--------|--------|--------|------------------------|------------------------|---------------------------------|----|-----|
|                |        |        |        |        | Line                   | Load                   |                                 |    |     |
| 16000          | NA     | -2     | -3     | -4     | 2/0 - #8CU-AL          | 2/0 - #8CU-AL          | AL-175A                         | •  | —   |
| 16003          | NA     | -2     | -3     | -4     | 250kcmil - #6CU Only   | 250kcmil - #6CU Only   | CU-255A                         | •  | —   |
| 16005          | NA     | -2     | -3     | -4     | 350kcmil - #6CU-AL     | 350kcmil - #6CU-AL     | AL-310A                         | •  | —   |
| 16200          | -1     | -2     | -3     | NA     | #2 - #14CU, #2 - #8AL  | #2 - #14CU, #2 - #8AL  | AL-115A                         | •  | —   |
| 16201          | -1     | -2     | -3     | NA     | 1/0 - #14CU Only       | 1/0 - #14CU Only       | CU-150A                         | •  | —   |
| 16204*         | -1     | -2     | -3     | NA     | 2/0 - #8CU-AL          | 2/0 - #8CU-AL          | AL-175A                         | •  | —   |
| 16301          | -1     | -2     | -3     | NA     | 250kcmil - #6CU Only   | 250kcmil - #6CU Only   | CU-255A                         | •  | •   |
| 16303          | -1     | -2     | -3     | NA     | 350kcmil - #6CU-AL     | 350kcmil - #6CU-AL     | AL-310A                         | •  | •   |
| 16306          | -1     | -2     | -3     | NA     | (1)500kcmil - #6CU-AL  | (1)500kcmil - #6CU-AL  | AL-380A                         | •  | •   |
| 16500          | -1     | -2     | -3     | NA     | (2) 350kcmil - #4CU-AL | (2) 350kcmil - #4CU-AL | AL-620A                         | •  | •   |
| 16504          | -1     | -2     | -3     | NA     | (2) 500kcmil - #6CU-AL | (2) 500kcmil - #6CU-AL | AL-760A                         | •  | •   |

\*SCCR up to 200kA. See additional information on data sheet #1049.

Dimensional information on page 3

#### Optional covers:

160 Series: CPB160 - (pole)

162 Series: CPB162 - (pole)

163 Series: CPDB - (pole)

165 Series: CPDB165 (1 for each pole)

# Power Distribution & Terminal Blocks

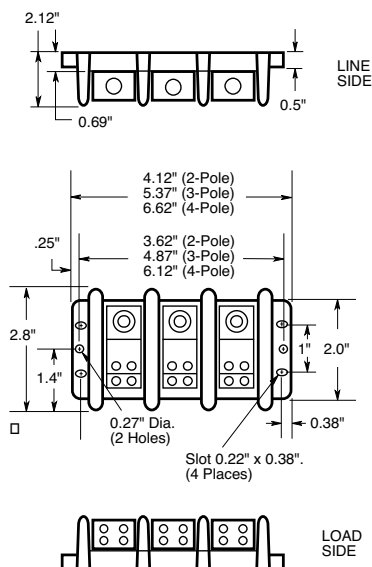
## Connector-Stud and Stud-Stud Blocks

### 600Vac/dc

**PDB**

#### Series 160 (Available 2, 3, and 4 pole)

#### Dimensional Data



160 Series Bases have mounting holes outside the barriers. Other bases (162 through 165) have mounting holes within barriers—see dimensional drawings.

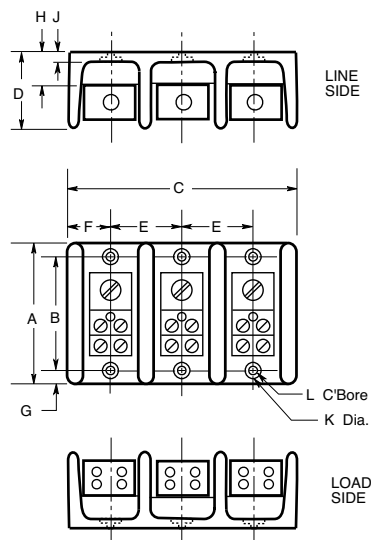
**Catalog Symbol:** Connector-Stud Block  
**Voltage Rating:** 600Vac/dc maximum  
**SCCR:** 10kA (except for select products noted)

#### Agency Information:

UL Recognized, Guide XCFR2, File E221592  
 CSA Certified, Class 6228-01, File 15364

#### Series 162, 163, and 165 Dimensional Data

(Available 1, 2, and 3 pole)



#### Dimensions for Series 162, 163, and 165

| Cat. No. | A    | B    | C1    | C2    | C3    | D     | E    | F     | G    | H     | J    | K                          | L                          |
|----------|------|------|-------|-------|-------|-------|------|-------|------|-------|------|----------------------------|----------------------------|
| 162      | 2.88 | 2.25 | 1.07  | 1.88  | 2.70  | 1.75  | 0.81 | 0.53  | 0.31 | 0.84  | 0.31 | 0.20                       | 0.41                       |
| 163      | 4.0  | 3.38 | 1.98  | 3.60  | 5.21  | 3.32  | 1.62 | 0.99  | 0.31 | 0.87  | 0.35 | Slot .20" wide x .41" long | Slot .42" wide x .62" long |
| 165      | 5.5  | 4.75 | 3.10" | 5.79" | 8.48" | 2.93" | 2.69 | 1.55" | 0.38 | 1.19" | .44" | Slot .20" wide x .33" long | Slot .41" wide x .53" long |

#### Connector-Stud Blocks (600V) Catalog Data

| Catalog Number          | 1-Pole | 2-Pole | 3-Pole | Connection Line        | Load                 | Connector Material and Ampacity | UL | CSA |
|-------------------------|--------|--------|--------|------------------------|----------------------|---------------------------------|----|-----|
| <b>Connector - Stud</b> |        |        |        |                        |                      |                                 |    |     |
| 16280*                  | -1     | -2     | -3     | 2/0 - #14CU-AL         | ¼ - 20 x ¾ Stud      | AL-175A                         | •  | —   |
| 16281                   | -1     | -2     | -3     | 2/0 - #14CU-AL         | ¼ - 20 Tapped hole   | AL-175A                         | •  | —   |
| 16378                   | -1     | -2     | -3     | 500kcmil - #6CU-AL     | (2) ¼ - 20 x 1 Stud  | AL-380A                         | •  | •   |
| 16383                   | -1     | -2     | -3     | 500kcmil - #6CU-AL     | (1) ⅜ - 16 x 1 Stud  | AL-380A                         | •  | •   |
| 16582                   | -1     | -2     | -3     | (2) 500kcmil - #6CU-AL | (2) ⅜ - 16 x 1½ Stud | AL-760A                         | •  | •   |
| <b>Stud - Stud</b>      |        |        |        |                        |                      |                                 |    |     |
| 16290                   | -1     | -2     | -3     | ¼ - 20 x ¾ Stud        | ¼ - 20 x ¾ Stud      | CU-150A                         | •  | —   |
| 16390                   | -1     | -2     | -3     | ⅜ - 16 x 1⅛ Stud       | ⅜ - 16 x 1⅛ Stud     | CU-250A                         | •  | •   |
| 16394                   | -1     | -2     | -3     | ½ - 13 x 1⅛ Stud       | ½ - 13 x 1⅛ Stud     | CU-400A                         | •  | •   |
| 16395                   | -1     | -2     | -3     | ⅜ - 16 x 1⅛ Stud       | (2) ¼ - 20 x ⅞ Stud  | CU-310A                         | •  | •   |
| 16591                   | -1     | -2     | -3     | ⅜ - 16 x 1⅛ Stud       | (2) ⅜ - 16 x 1⅛ Stud | CU-400A                         | •  | —   |
| 16593                   | -1     | -2     | -3     | ½ - 13 x 1 Stud        | ½ - 13 x 1 Stud      | CU-600A                         | •  | •   |

\*SCCR up to 200kA

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