



### Description

POWR-BLOKS power distribution blocks offer a safe, convenient way of splicing cables, providing a fixed junction tap-off point or splitting primary power into secondary circuits. Lx2xxx-DIN series offers integral DIN-rail mount and an optional hinged safety cover.

Optional power distribution block covers provide protection against accidental shorting between poles caused by loose wires, tools, or other conductive material. They also protect personnel from accidentally contacting energized connectors.

### Applications

Typical applications include heating, air conditioning and refrigeration systems, elevator systems, material handling equipment, control panels, motor controls, switchgear, and anywhere power needs to be distributed to more than one load.

### Connectors

Box lug connectors are designed for use with a single or multiple, solid or class B or C stranded conductor. For UL approved use of more than one conductor per connector opening, contact Littelfuse Technical Service at 1-800-TEC-FUSE or [techline@littelfuse.com](mailto:techline@littelfuse.com).

### Ampere Ratings

The ampere rating per pole for power distribution blocks is based on the line capacity of 75 °C insulated conductors per NEC Table 310.16. If 60 °C insulated conductors are used, load must not exceed the ampacity of 60 °C conductors. Use of conductors rated in excess of 75 °C is permitted (for example 90 °C), however, load must not exceed the ampacity of 75 °C conductors.

### Specifications

|                            |                                                                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Voltage Rating</b>      | 600 V                                                                                                                                                                                                              |
| <b>Current Rating</b>      | Based on NEC Table 310.16, using 75 °C copper wire                                                                                                                                                                 |
| <b>SCCR</b>                | Consult Factory                                                                                                                                                                                                    |
| <b>Material</b>            | Phenolic rated at 150 °C and Thermoplastic rated at 125 °C (LD1400 and LS1300 series only)                                                                                                                         |
| <b>Connector</b>           | Aluminum: Highly conductive aluminum, tin plated<br>Copper: Highly conductive copper, tin plated                                                                                                                   |
| <b>Flammability Rating</b> | UL94 V-0                                                                                                                                                                                                           |
| <b>Approvals</b>           | UL Recognized - OLD/OLS Series (File: E171395)<br>LFD/LFS Series (File: E309688)<br>CSA Certified - OLD/OLS Series (File: LR700111)<br>LFD/LFS Series (File: 007316_Q_000)<br>UL Listed - OLD57xxx (File: E482231) |
| <b>Environmental</b>       | RoHS compliant, Lead (Pb) free                                                                                                                                                                                     |

### Ordering Information

See Selection Guide on next page

### Web Resources

For dimension, CAD and 3-D drawings, visit:  
**[Littelfuse.com/powrbloks](http://Littelfuse.com/powrbloks)**

### Hinged Plastic Covers



### Clear Plastic Covers



# POWR-GARD® Blocks and Holders Datasheet

## POWR-BLOCKS

### Distribution Block Selection Guide

| AMP<br>PER<br>POLE | POLES | CONNECTOR<br>MATERIAL | LINE CONNECTION                                                                     |                      |            |               |                 | LOAD CONNECTION                                                                     |                      |           |               |                 | FIGURE | CATALOG/<br>ORDERING<br>NUMBER | *PLASTIC<br>COVER<br>ORDERING<br>NUMBER |
|--------------------|-------|-----------------------|-------------------------------------------------------------------------------------|----------------------|------------|---------------|-----------------|-------------------------------------------------------------------------------------|----------------------|-----------|---------------|-----------------|--------|--------------------------------|-----------------------------------------|
|                    |       |                       | CONNECTOR<br>IMAGE                                                                  | OPENINGS<br>PER POLE | LUG TYPE   | WIRE<br>RANGE | TORQUE<br>RANGE | CONNECTOR<br>IMAGE                                                                  | OPENINGS<br>PER POLE | LUG TYPE  | WIRE<br>RANGE | TORQUE<br>RANGE |        |                                |                                         |
| 115                | 1     | AL                    |    | 1                    | Slotted    | #2 - #14      | 35-50 in-lbs    |    | 4                    | Slotted   | #10 - #18     | 7 in-lbs        | 10     | OLD14401Z                      | LPBC1441                                |
| 115                | 2     |                       |                                                                                     | 1                    | Slotted    | #2 - #14      | 35-50 in-lbs    |                                                                                     | 4                    | Slotted   | #10 - #18     | 7 in-lbs        | 10     | OLD14402Z                      | LPBC1442                                |
| 115                | 3     |                       |                                                                                     | 1                    | 5/32" Hex  | #2 - #14      | 50-40 in-lbs    |                                                                                     | 4                    | 5/64" Hex | #10 - #18     | 7 in-lbs        | 2      | LFD14003Z                      | LPBC13                                  |
| 115                | 4     | AL                    |    | 1                    | Slotted    | #2 - #14      | 35-50 in-lbs    |    | 4                    | Slotted   | #10 - #18     | 7 in-lbs        | 10     | OLD14404Z                      | LPBC1444                                |
| 175                | 1     |                       |                                                                                     | 1                    | 5/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | Slotted   | #4 - #14      | 35 in-lbs       | 3      | OLD25701Z**                    | LPBC21                                  |
| 175                | 2     |                       |                                                                                     | 1                    | 3/16" Hex  | 2/0 - #14     | 40-120 in-lbs   |                                                                                     | 4                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 3      | LFD25702Z                      | LPBC22                                  |
| 175                | 3     | AL                    |    | 1                    | 3/16" Hex  | 2/0 - #14     | 40-120 in-lbs   |    | 4                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 3      | LFD25703Z**                    | LPBC23                                  |
| 175                | 1     |                       |                                                                                     | 1                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 4      | OLD25701ZXDIN                  | OLCH1321Z                               |
| 175                | 2     |                       |                                                                                     | 1                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 4      | OLD25702ZXDIN                  | OLCH1322Z                               |
| 175                | 3     | AL                    |    | 1                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |    | 4                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 4      | OLD25703ZXDIN                  | OLCH1323Z                               |
| 175                | Adder |                       |                                                                                     | 1                    | —          | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | —         | #4 - #14      | 35 in-lbs       | 4      | OLD2570AZXDIN                  | -                                       |
| 175                | 1     | CU                    |    | 1                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |    | 4                    | Slotted   | #4 - #14      | 35 in-lbs       | 3      | OLD29701Z**                    | LPBC21                                  |
| 175                | 2     |                       |                                                                                     | 1                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | Slotted   | #4 - #14      | 35 in-lbs       | 3      | OLD29702Z**                    | LPBC22                                  |
| 175                | 3     |                       |                                                                                     | 1                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | Slotted   | #4 - #14      | 35 in-lbs       | 3      | OLD29703Z**                    | LPBC23                                  |
| 175                | 1     | CU                    |    | 1                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |    | 4                    | Slotted   | #4 - #14      | 35 in-lbs       | 4      | OLD29701ZXDIN                  | OLCH1321Z                               |
| 175                | 2     |                       |                                                                                     | 1                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | Slotted   | #4 - #14      | 35 in-lbs       | 4      | OLD29702ZXDIN                  | OLCH1322Z                               |
| 175                | 3     |                       |                                                                                     | 1                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | Slotted   | #4 - #14      | 35 in-lbs       | 4      | OLD29703ZXDIN                  | OLCH1323Z                               |
| 175                | Adder | AL                    |    | 1                    | —          | 2/0 - #14     | 35-120 in-lbs   |    | 4                    | —         | #4 - #14      | 35 in-lbs       | 4      | OLD2970AZXDIN                  | -                                       |
| 175                | 2     |                       |                                                                                     | 1                    | 5/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | Slotted   | #4 - #14      | 35 in-lbs       | 1      | OLD04022Z**                    | LPBC02                                  |
| 175                | 3     |                       |                                                                                     | 1                    | 5/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 4                    | Slotted   | #4 - #14      | 35 in-lbs       | 1      | OLD04023Z**                    | LPBC03                                  |
| 175                | 2     | AL                    |    | 1                    | 5/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |    | 6                    | Slotted   | #4 - #14      | 35 in-lbs       | 1      | OLD04012Z**                    | LPBC02                                  |
| 175                | 3     |                       |                                                                                     | 1                    | 3/16" Hex  | 2/0 - #14     | 40-120 in-lbs   |                                                                                     | 6                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 1      | LFD04013Z**                    | LPBC03                                  |
| 175                | 1     | AL                    |   | 1                    | 5/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |   | 6                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 4      | OLD25801ZXDIN                  | OLCH1321Z                               |
| 175                | 2     |                       |                                                                                     | 1                    | 5/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 6                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 4      | OLD25802ZXDIN                  | OLCH1322Z                               |
| 175                | 3     |                       |                                                                                     | 1                    | 5/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 6                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 4      | OLD25803ZXDIN                  | OLCH1323Z                               |
| 175                | Adder |                       |                                                                                     | 1                    | 5/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 6                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 4      | OLD2580AZXDIN                  | -                                       |
| 310                | 3     | AL                    |  | 1                    | 5/16" Hex  | 350kcmil - #6 | 40-120 in-lbs   |  | 2                    | 3/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 9      | OLD335543Z                     | OLCH1333Z                               |
| 310                | 2     | AL                    |  | 1                    | 5/16" Hex  | 350kcmil - #6 | 275 in-lbs      |  | 6                    | Slotted   | #4 - #14      | 35 in-lbs       | 1      | OLD04042Z**                    | LPBC02                                  |
| 310                | 3     |                       |                                                                                     | 1                    | 5/16" Hex  | 350kcmil - #6 | 275 in-lbs      |                                                                                     | 6                    | Slotted   | #4 - #14      | 35 in-lbs       | 1      | OLD04043Z**                    | LPBC03                                  |
| 335                | 1     | AL                    |  | 1                    | 5/16" Hex  | 400kcmil - #6 | 275 in-lbs      |  | 4                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 5      | OLD35521Z**                    | LPBC31                                  |
| 335                | 2     |                       |                                                                                     | 1                    | 5/16" Hex  | 400kcmil - #6 | 275 in-lbs      |                                                                                     | 4                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 5      | OLD35522Z**                    | LPBC32                                  |
| 380                | 3     |                       |                                                                                     | 1                    | 3/8" Hex   | 500kcmil - #6 | 375 in-lbs      |                                                                                     | 4                    | 5/32" Hex | #2 - #14      | 35-50 in-lbs    | 5      | LFD35523Z                      | LPBC33                                  |
| 335                | 1     | AL                    |  | 1                    | 5/16" Hex  | 400kcmil - #6 | 275 in-lbs      |  | 6                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 5      | OLD35531Z**                    | LPBC31                                  |
| 335                | 2     |                       |                                                                                     | 1                    | 5/16" Hex  | 400kcmil - #6 | 275 in-lbs      |                                                                                     | 6                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 5      | OLD35532Z**                    | LPBC32                                  |
| 380                | 3     |                       |                                                                                     | 1                    | 3/8" Hex   | 500kcmil - #6 | 375 in-lbs      |                                                                                     | 6                    | 5/32" Hex | #2 - #14      | 40-50 in-lbs    | 5      | LFD35533Z                      | LPBC33                                  |
| 335                | 1     | AL                    |  | 1                    | Slotted    | 400kcmil - #6 | 275 in-lbs      |  | 8                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 6      | OLD45601Z**                    | LPBC41                                  |
| 335                | 2     |                       |                                                                                     | 1                    | Slotted    | 400kcmil - #6 | 275 in-lbs      |                                                                                     | 8                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 6      | OLD45602Z**                    | LPBC42                                  |
| 335                | 3     |                       |                                                                                     | 1                    | Slotted    | 400kcmil - #6 | 275 in-lbs      |                                                                                     | 8                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 6      | OLD45603Z**                    | LPBC43                                  |
| 350                | 1     | AL                    |  | 2                    | 3/16" Hex  | 2/0 - #14     | 35-120 in-lbs   |  | 6                    | Slotted   | #4 - #14      | 35 in-lbs       | 5      | OLD35551Z**                    | LPBC31                                  |
| 350                | 2     |                       |                                                                                     | 2                    | 3w/16" Hex | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 6                    | Slotted   | #4 - #14      | 35 in-lbs       | 5      | OLD35552Z**                    | LPBC32                                  |
| 350                | 3     |                       |                                                                                     | 2                    | 3/16" Hex  | 2/0 - #14     | 40-120 in-lbs   |                                                                                     | 6                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 5      | LFD35553Z                      | LPBC33                                  |
| 350                | 1     | CU                    |  | 2                    | Slotted    | 2/0 - #14     | 35-120 in-lbs   |  | 6                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 5      | OLD39551Z**                    | LPBC31                                  |
| 350                | 2     |                       |                                                                                     | 2                    | Slotted    | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 6                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 5      | OLD39552Z**                    | LPBC32                                  |
| 350                | 3     |                       |                                                                                     | 2                    | Slotted    | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 6                    | 1/8" Hex  | #4 - #14      | 35 in-lbs       | 5      | OLD39553Z**                    | LPBC33                                  |
| 380                | 1     | CU                    |  | 1                    | Slotted    | 500kcmil - #6 | 375 in-lbs      |  | 6                    | 5/32" Hex | #2 - #14      | 35-50 in-lbs    | 5      | OLD39531Z**                    | LPBC31                                  |
| 380                | 2     |                       |                                                                                     | 1                    | Slotted    | 500kcmil - #6 | 375 in-lbs      |                                                                                     | 6                    | 5/32" Hex | #2 - #14      | 35-50 in-lbs    | 5      | OLD39532Z**                    | LPBC32                                  |
| 380                | 3     |                       |                                                                                     | 1                    | Slotted    | 500kcmil - #6 | 375 in-lbs      |                                                                                     | 6                    | 5/32" Hex | #2 - #14      | 35-50 in-lbs    | 5      | OLD39533Z**                    | LPBC33                                  |
| 380                | 1     | AL                    |  | 1                    | Slotted    | 500kcmil - #4 | 375 in-lbs      |  | 6                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 6      | OLD45511Z**                    | LPBC41                                  |
| 380                | 2     |                       |                                                                                     | 1                    | Slotted    | 500kcmil - #4 | 375 in-lbs      |                                                                                     | 6                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 6      | OLD45512Z**                    | LPBC42                                  |
| 380                | 3     |                       |                                                                                     | 1                    | Slotted    | 500kcmil - #4 | 375 in-lbs      |                                                                                     | 6                    | Slotted   | #2 - #14      | 35-50 in-lbs    | 6      | OLD45513Z**                    | LPBC43                                  |

Note: AL = Aluminum / CU = Copper \*Covers sold separately

\*\*Multiple wire rated on load side. Contact factory for additional information.

# POWR-GARD® Blocks and Holders Datasheet

## POWR-BLOKS

### Distribution Block Selection Guide

| AMP<br>PER<br>POLE | POLES | CONNECTOR<br>MATERIAL | CONNECTOR<br>IMAGE                                                                  | LINE CONNECTION      |           |                | LOAD CONNECTION |                                                                                     |                      |           | FIGURE        | CATALOG/<br>ORDERING<br>NUMBER | *PLASTIC<br>COVER<br>ORDERING<br>NUMBER |               |                 |
|--------------------|-------|-----------------------|-------------------------------------------------------------------------------------|----------------------|-----------|----------------|-----------------|-------------------------------------------------------------------------------------|----------------------|-----------|---------------|--------------------------------|-----------------------------------------|---------------|-----------------|
|                    |       |                       |                                                                                     | OPENINGS<br>PER POLE | LUG TYPE  | WIRE<br>RANGE  | TORQUE<br>RANGE | CONNECTOR<br>IMAGE                                                                  | OPENINGS<br>PER POLE | LUG TYPE  |               |                                |                                         | WIRE<br>RANGE | TORQUE<br>RANGE |
| 380                | 1     | AL                    |    | 1                    | 3/8" Hex  | 500kcmil - #4  | 375 in-lbs      |    | 6                    | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs                  | 7                                       | OLD55791Z     | LPBC51          |
| 380                | 2     |                       |                                                                                     | 1                    | 3/8" Hex  | 500kcmil - #4  | 375 in-lbs      |                                                                                     | 6                    | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs                  | 7                                       | OLD55792Z     | LPBC52          |
| 380                | 3     |                       |                                                                                     | 1                    | 3/8" Hex  | 500kcmil - #4  | 375 in-lbs      |                                                                                     | 6                    | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs                  | 7                                       | LFD55793Z     | LPBC53          |
| 380                | 1     | AL                    |    | 1                    | 3/8" Hex  | 500kcmil- #4   | 375 in-lbs      |    | 8                    | 5/32" Hex | #2 - #14      | 35-50 in-lbs                   | 7                                       | OLD55941Z     | LPBC51          |
| 380                | 2     |                       |                                                                                     | 1                    | 3/8" Hex  | 500kcmil- #4   | 375 in-lbs      |                                                                                     | 8                    | 5/32" Hex | #2 - #14      | 35-50 in-lbs                   | 7                                       | OLD55942Z     | LPBC52          |
| 380                | 3     |                       |                                                                                     | 1                    | 3/8" Hex  | 500kcmil- #4   | 375 in-lbs      |                                                                                     | 8                    | 5/32" Hex | #2 - #14      | 35-50 in-lbs                   | 7                                       | OLD55943Z     | LPBC53          |
| 380                | 1     | AL                    |    | 1                    | Slotted   | 500kcmil - #4  | 375 in-lbs      |    | 12                   | Slotted   | #2 - #14      | 35-50 in-lbs                   | 7                                       | OLD55521Z**   | LPBC51          |
| 380                | 2     |                       |                                                                                     | 1                    | Slotted   | 500kcmil - #4  | 375 in-lbs      |                                                                                     | 12                   | Slotted   | #2 - #14      | 35-50 in-lbs                   | 7                                       | OLD55522Z**   | LPBC52          |
| 380                | 3     |                       |                                                                                     | 1                    | 3/8" Hex  | 500kcmil - #4  | 375 in-lbs      |                                                                                     | 12                   | 5/32" Hex | #2 - #14      | 40-50 in-lbs                   | 7                                       | LFD55523Z     | LPBC53          |
| 420                | 1     | AL                    |    | 1                    | 1/2" Hex  | 600kcmil- #2   | 375 in-lbs      |    | 3                    | 3/16" Hex | 1/0 - #14     | 35-120 in-lbs                  | 9                                       | OLD35881Z     | OLCH1331Z       |
| 420                | 3     | AL                    |                                                                                     | 1                    | 1/2" Hex  | 600kcmil- #2   | 375 in-lbs      |                                                                                     | 6                    | 5/32" Hex | #2 - #14      | 35-50 in-lbs                   |                                         |               |                 |
| 420                | 3     | AL                    |    | 1                    | 1/2" Hex  | 600kcmil- #2   | 375 in-lbs      |    | 3                    | 3/16" Hex | 1/0 - #14     | 35-120 in-lbs                  | 9                                       | OLD35883Z     | OLCH1333Z       |
| 420                | 1     | AL                    |                                                                                     | 1                    | 1/2" Hex  | 600kcmil- #2   | 375 in-lbs      |                                                                                     | 6                    | 5/32" Hex | #2 - #14      | 35-50 in-lbs                   |                                         |               |                 |
| 420                | 2     | AL                    |    | 1                    | 1/2" Hex  | 600kcmil- #2   | 375 in-lbs      |    | 12                   | 1/8" Hex  | #4 - #14      | 35 in-lbs                      | 9                                       | OLD35951Z     | OLCH1331Z       |
| 510                | 1     | AL                    |                                                                                     | 1                    | 1/2" Hex  | 600kcmil- #2   | 375 in-lbs      |                                                                                     | 12                   | 1/8" Hex  | #4 - #14      | 35 in-lbs                      | 9                                       | OLD35952Z     | OLCH1332Z       |
| 510                | 2     | AL                    |   | 2                    | 5/16" Hex | 250kcmil - #6  | 275 in-lbs      |   | 12                   | 1/8" Hex  | #4 - #14      | 35 in-lbs                      | 9                                       | OLD35961Z**   | OLCH1331Z       |
| 510                | 3     |                       |                                                                                     | 2                    | 5/16" Hex | 250kcmil - #6  | 275 in-lbs      |                                                                                     | 12                   | 1/8" Hex  | #4 - #14      | 35 in-lbs                      | 9                                       | OLD35962Z**   | OLCH1332Z       |
| 760                | 1     |                       |                                                                                     | 2                    | 5/16" Hex | 250kcmil - #6  | 275 in-lbs      |                                                                                     | 12                   | 1/8" Hex  | #4 - #14      | 35 in-lbs                      | 9                                       | OLD35963Z**   | OLCH1333Z       |
| 760                | 1     | AL                    |  | 2                    | 3/8" Hex  | 500kcmil - #6  | 375 in-lbs      |  | 8                    | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs                  | 7                                       | OLD55861Z     | LPBC51          |
| 760                | 2     |                       |                                                                                     | 2                    | 3/8" Hex  | 500kcmil - #6  | 375 in-lbs      |                                                                                     | 8                    | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs                  | 7                                       | OLD55862Z     | LPBC52          |
| 760                | 3     |                       |                                                                                     | 2                    | 3/8" Hex  | 500kcmil - #4  | 375 in-lbs      |                                                                                     | 8                    | 3/16" Hex | 2/0 - #14     | 40-120 in-lbs                  | 7                                       | LFD55863Z     | LPBC53          |
| 760                | 1     | CU                    |  | 2                    | 3/8" Hex  | 500kcmil- #4   | 375 in-lbs      |  | 8                    | 3/16" Hex | 2/0 - #14     | 35-120 in-lbs                  | 7                                       | OLD59861Z     | LPBC51          |
| 760                | 2     |                       |                                                                                     | 2                    | 3/8" Hex  | 500kcmil- #4   | 375 in-lbs      |                                                                                     | 8                    | 3/16" Hex | 2/0 - #14     | 35-120 in-lbs                  | 7                                       | OLD59862Z     | LPBC52          |
| 760                | 3     |                       |                                                                                     | 2                    | 3/8" Hex  | 500kcmil- #4   | 375 in-lbs      |                                                                                     | 8                    | 3/16" Hex | 2/0 - #14     | 35-120 in-lbs                  | 7                                       | OLD59863Z     | LPBC53          |
| 760                | 1     | AL                    |  | 2                    | 3/8" Hex  | 500kcmil- #6   | 375 in-lbs      |  | 12                   | Slotted   | #4 - #14      | 35 in-lbs                      | 7                                       | OLD55921Z**   | LPBC51          |
| 760                | 2     |                       |                                                                                     | 2                    | 3/8" Hex  | 500kcmil- #6   | 375 in-lbs      |                                                                                     | 12                   | Slotted   | #4 - #14      | 35 in-lbs                      | 7                                       | OLD55922Z**   | LPBC52          |
| 760                | 3     |                       |                                                                                     | 2                    | 3/8" Hex  | 500kcmil- #4   | 375 in-lbs      |                                                                                     | 12                   | 1/8" Hex  | #4 - #14      | 35 in-lbs                      | 7                                       | LFD55923Z     | LPBC53          |
| 760                | 1     | CU                    |  | 2                    | 3/8" Hex  | 500kcmil- #6   | 375 in-lbs      |  | 12                   | Slotted   | #2 - #14      | 35-50 in-lbs                   | 7                                       | OLD59921Z**   | LPBC51          |
| 760                | 2     |                       |                                                                                     | 2                    | 3/8" Hex  | 500kcmil- #6   | 375 in-lbs      |                                                                                     | 12                   | Slotted   | #2 - #14      | 35-50 in-lbs                   | 7                                       | OLD59922Z**   | LPBC52          |
| 760                | 3     |                       |                                                                                     | 2                    | 3/8" Hex  | 500kcmil- #6   | 375 in-lbs      |                                                                                     | 12                   | Slotted   | #2 - #14      | 35-50 in-lbs                   | 7                                       | OLD59923Z**   | LPBC53          |
| 760                | 3     | AL                    |  | 2                    | 1/2" Hex  | 500kcmil - #4  | 375 in-lbs      |  | 12                   | 5/16" Hex | #2 - #14      | 35-50 in-lbs                   | 7                                       | OLD54083Z     | LPBC53          |
| 840                | 3     | AL                    |  | 2                    | 1/2" Hex  | 600kcmil- #2   | 375 in-lbs      |  | 4                    | 5/16" Hex | 3/0 - #6      | 120 in-lbs                     | 7                                       | OLD54113Z     | LPBC53          |
| 950                | 1     | AL                    |                                                                                     | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |                                                                                     | 4                    | 5/16" Hex | #4 - #14      | 35 in-lbs                      |                                         |               |                 |
| 950                | 3     | AL                    |  | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |  | 10                   | 3/16" Hex | 2/0 - #14     | 50-120 in-lbs                  | 8                                       | OLD57041Z     | OLCH1351Z       |
| 950                | 1     | AL                    |                                                                                     | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |                                                                                     | 10                   | 3/16" Hex | 2/0 - #14     | 50-120 in-lbs                  | 8                                       | OLD57043Z     | OLCH1351Z       |
| 950                | 3     | AL                    |  | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |  | 3                    | 5/16" Hex | 250kcmil - #6 | 275 in-lbs                     | 8                                       | OLD57051Z     | OLCH1351Z       |
| 950                | 1     | AL                    |                                                                                     | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |                                                                                     | 12                   | 5/32" Hex | #2 - #14      | 40-50 in-lbs                   |                                         |               |                 |
| 950                | 3     | AL                    |  | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |  | 3                    | 5/16" Hex | 250kcmil - #6 | 275 in-lbs                     | 8                                       | OLD57053Z     | OLCH1351Z       |
| 950                | 1     | AL                    |                                                                                     | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |                                                                                     | 12                   | 5/32" Hex | #2 - #14      | 40-50 in-lbs                   |                                         |               |                 |
| 950                | 3     | AL                    |  | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |  | 4                    | 1/4" Hex  | 3/0 - #6      | 180 in-lbs                     | 8                                       | OLD57071Z     | OLCH1351Z       |
| 950                | 1     | AL                    |                                                                                     | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |                                                                                     | 12                   | 5/32" Hex | #2 - #14      | 40-50 in-lbs                   |                                         |               |                 |
| 950                | 3     | AL                    |  | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |  | 4                    | 1/4" Hex  | 3/0 - #6      | 180 in-lbs                     | 8                                       | OLD57073Z     | OLCH1351Z       |
|                    |       | AL                    |                                                                                     | 2                    | 9/16" Hex | 750kcmil - 1/0 | 600 in-lbs      |                                                                                     | 12                   | 5/32" Hex | #2 - #14      | 40-50 in-lbs                   |                                         |               |                 |

Note: AL = Aluminum / CU = Copper

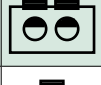
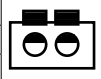
\*Covers sold separately

\*\*Multiple wire rated on load side. Contact factory for additional information.

# POWR-GARD® Blocks and Holders Datasheet

## POWR-BLOCKS

### Splicer Block Selection Guide

| AMP<br>PER<br>POLE | POLES | CONNECTOR<br>MATERIAL | LINE CONNECTION                                                                     |                         |           |               |                 | LOAD CONNECTION                                                                     |                         |           |               |                 | FIGURE | CATALOG/<br>ORDERING<br>NUMBER | *PLASTIC<br>COVER<br>ORDERING<br>NUMBER |
|--------------------|-------|-----------------------|-------------------------------------------------------------------------------------|-------------------------|-----------|---------------|-----------------|-------------------------------------------------------------------------------------|-------------------------|-----------|---------------|-----------------|--------|--------------------------------|-----------------------------------------|
|                    |       |                       | CONNECTOR<br>IMAGE                                                                  | OPENINGS<br>PER<br>POLE | LUG TYPE  | WIRE<br>RANGE | TORQUE<br>RANGE | CONNECTOR<br>IMAGE                                                                  | OPENINGS<br>PER<br>POLE | LUG TYPE  | WIRE RANGE    | TORQUE<br>RANGE |        |                                |                                         |
| 115                | 1     | AL                    |    | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    |    | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    | 10     | OLS13301Z                      | LPBC1441                                |
| 115                | 2     |                       |                                                                                     | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    |                                                                                     | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    | 10     | OLS13302Z                      | LPBC1442                                |
| 115                | 3     |                       |                                                                                     | 1                       | 5/32" Hex | #2 - #14      | 40-50 in-lbs    |                                                                                     | 1                       | 5/32" Hex | #2 - #14      | 40-50 in-lbs    | 2      | LFS13003Z                      | -                                       |
| 115                | 4     |                       |                                                                                     | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    |                                                                                     | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    | 10     | OLS13304Z                      | LPBC1444                                |
| 115                | 1     | AL                    |    | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    |    | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    | 3      | OLS25521Z                      | LPBC21                                  |
| 115                | 2     |                       |                                                                                     | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    |                                                                                     | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    | 3      | OLS25522Z                      | LPBC22                                  |
| 115                | 3     |                       |                                                                                     | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    |                                                                                     | 1                       | Slotted   | #2 - #14      | 35-50 in-lbs    | 3      | OLS25523Z                      | LPBC23                                  |
| 150                | 1     | CU                    |    | 1                       | 3/16" Hex | 1/0 - #14     | 35-120 in-lbs   |    | 1                       | 3/16" Hex | 1/0 - #14     | 35-120 in-lbs   | 3      | OLS21211Z                      | LPBC21                                  |
| 150                | 2     |                       |                                                                                     | 1                       | 3/16" Hex | 1/0 - #14     | 35-120 in-lbs   |                                                                                     | 1                       | 3/16" Hex | 1/0 - #14     | 35-120 in-lbs   | 3      | OLS21212Z                      | LPBC22                                  |
| 150                | 3     |                       |                                                                                     | 1                       | 3/16" Hex | 1/0 - #14     | 35-120 in-lbs   |                                                                                     | 1                       | 3/16" Hex | 1/0 - #14     | 35-120 in-lbs   | 3      | OLS21213Z                      | LPBC23                                  |
| 175                | 1     | AL                    |    | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   |    | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 3      | OLS25721Z                      | LPBC21                                  |
| 175                | 2     |                       |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 3      | OLS25722Z                      | LPBC22                                  |
| 175                | 3     |                       |                                                                                     | 1                       | 3/16" Hex | 2/0 - #14     | 40-120 in-lbs   |                                                                                     | 1                       | 3/16" Hex | 2/0 - #14     | 40-120 in-lbs   | 3      | LFS25723Z                      | LPBC23                                  |
| 175                | 1     | AL                    |    | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   |    | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 4      | OLS25721ZXDIN                  | OLCH1321Z                               |
| 175                | 2     |                       |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 4      | OLS25722ZXDIN                  | OLCH1322Z                               |
| 175                | 3     |                       |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 4      | OLS25723ZXDIN                  | OLCH1323Z                               |
| 175                | Adder |                       |                                                                                     | 1                       | —         | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 1                       | —         | 2/0 - #14     | 35-120 in-lbs   | 4      | OLS2572AZXDIN                  | -                                       |
| 175                | 1     | CU                    |  | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   |  | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 4      | OLS29721ZXDIN                  | OLCH1321Z                               |
| 175                | 2     |                       |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 4      | OLS29722ZXDIN                  | OLCH1322Z                               |
| 175                | 3     |                       |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 1                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 4      | OLS29723ZXDIN                  | OLCH1323Z                               |
| 175                | Adder |                       |                                                                                     | 1                       | —         | 2/0 - #14     | 35-120 in-lbs   |                                                                                     | 1                       | —         | 2/0 - #14     | 35-120 in-lbs   | 4      | OLS2972AZXDIN                  | -                                       |
| 255                | 1     | AL                    |  | 1                       | 5/16" Hex | 250kcmil - #6 | 275 in-lbs      |  | 1                       | 5/16" Hex | 250kcmil - #6 | 275 in-lbs      | 5      | OLS31231Z                      | LPBC31                                  |
| 255                | 2     |                       |                                                                                     | 1                       | 5/16" Hex | 250kcmil - #6 | 275 in-lbs      |                                                                                     | 1                       | 5/16" Hex | 250kcmil - #6 | 275 in-lbs      | 5      | OLS31232Z                      | LPBC32                                  |
| 255                | 3     |                       |                                                                                     | 1                       | 5/16" Hex | 250kcmil - #6 | 275 in-lbs      |                                                                                     | 1                       | 5/16" Hex | 250kcmil - #6 | 275 in-lbs      | 5      | OLS31233Z                      | LPBC33                                  |
| 255                | 1     | CU                    |  | 1                       | 3/8" Hex  | 250kcmil - #6 | 375 in-lbs      |  | 1                       | 3/8" Hex  | 250kcmil - #6 | 375 in-lbs      | 5      | OLS31241Z                      | LPBC31                                  |
| 255                | 2     |                       |                                                                                     | 1                       | 3/8" Hex  | 250kcmil - #6 | 375 in-lbs      |                                                                                     | 1                       | 3/8" Hex  | 250kcmil - #6 | 375 in-lbs      | 5      | OLS31242Z                      | LPBC32                                  |
| 255                | 3     |                       |                                                                                     | 1                       | 3/8" Hex  | 250kcmil - #6 | 375 in-lbs      |                                                                                     | 1                       | 3/8" Hex  | 250kcmil - #6 | 375 in-lbs      | 5      | OLS31243Z                      | LPBC33                                  |
| 310                | 2     | AL                    |  | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      |  | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      | 1      | OLS03032Z                      | LPBC02                                  |
| 310                | 3     |                       |                                                                                     | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      |                                                                                     | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      | 1      | OLS03033Z                      | LPBC03                                  |
| 310                | 1     | AL                    |  | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      |  | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      | 5      | OLS31261Z                      | LPBC31                                  |
| 310                | 2     |                       |                                                                                     | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      |                                                                                     | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      | 5      | OLS31262Z                      | LPBC32                                  |
| 310                | 3     |                       |                                                                                     | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      |                                                                                     | 1                       | 5/16" Hex | 350kcmil - #6 | 275 in-lbs      | 5      | OLS31263Z                      | LPBC33                                  |
| 350                | 3     | AL                    |  | 2                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   |  | 2                       | 5/16" Hex | 2/0 - #14     | 35-120 in-lbs   | 9      | OLS33053Z                      | OLCH1333Z                               |
| 420                | 1     | AL                    |  | 1                       | 1/2" Hex  | 600kcmil - #4 | 500 in-lbs      |  | 1                       | 1/2" Hex  | 600kcmil - #4 | 500 in-lbs      | 6      | OLS45571Z                      | LPBC41                                  |
| 420                | 2     |                       |                                                                                     | 1                       | 1/2" Hex  | 600kcmil - #4 | 500 in-lbs      |                                                                                     | 1                       | 1/2" Hex  | 600kcmil - #4 | 500 in-lbs      | 6      | OLS45572Z                      | LPBC42                                  |
| 420                | 3     |                       |                                                                                     | 1                       | 1/2" Hex  | 600kcmil - #4 | 500 in-lbs      |                                                                                     | 1                       | 1/2" Hex  | 600kcmil - #4 | 500 in-lbs      | 6      | OLS45573Z                      | LPBC43                                  |
| 510                | 3     | AL                    |  | 2                       | 5/16" Hex | 250kcmil - #6 | 275 in-lbs      |  | 2                       | 5/16" Hex | 250kcmil - #6 | 275 in-lbs      | 9      | OLS33203Z                      | OLCH1333Z                               |
| 620                | 1     | AL                    |  | 2                       | 5/16" Hex | 350kcmil - #4 | 275 in-lbs      |  | 2                       | 5/16" Hex | 350kcmil - #4 | 275 in-lbs      | 7      | OLS51291Z                      | LPBC51                                  |
| 620                | 2     |                       |                                                                                     | 2                       | 5/16" Hex | 350kcmil - #4 | 275 in-lbs      |                                                                                     | 2                       | 5/16" Hex | 350kcmil - #4 | 275 in-lbs      | 7      | OLS51292Z                      | LPBC52                                  |
| 620                | 3     |                       |                                                                                     | 2                       | 5/16" Hex | 350kcmil - #4 | 275 in-lbs      |                                                                                     | 2                       | 5/16" Hex | 350kcmil - #4 | 275 in-lbs      | 7      | OLS51293Z                      | LPBC53                                  |
| 760                | 1     | AL                    |  | 2                       | 3/8" Hex  | 500kcmil - #4 | 375 in-lbs      |  | 2                       | 3/8" Hex  | 500kcmil - #4 | 375 in-lbs      | 7      | OLS53011Z                      | LPBC51                                  |
| 760                | 2     |                       |                                                                                     | 2                       | 3/8" Hex  | 500kcmil - #4 | 375 in-lbs      |                                                                                     | 2                       | 3/8" Hex  | 500kcmil - #4 | 375 in-lbs      | 7      | OLS53012Z                      | LPBC52                                  |
| 760                | 3     |                       |                                                                                     | 2                       | 3/8" Hex  | 500kcmil - #4 | 375 in-lbs      |                                                                                     | 2                       | 3/8" Hex  | 500kcmil - #4 | 375 in-lbs      | 7      | OLS53013Z                      | LPBC53                                  |

Note: AL = Aluminum / CU = Copper  
 Note: \*Covers sold separately

### Distribution Block and Spicer Block Outline Drawings

#### Dimensions Inches (mm)

Figure 1

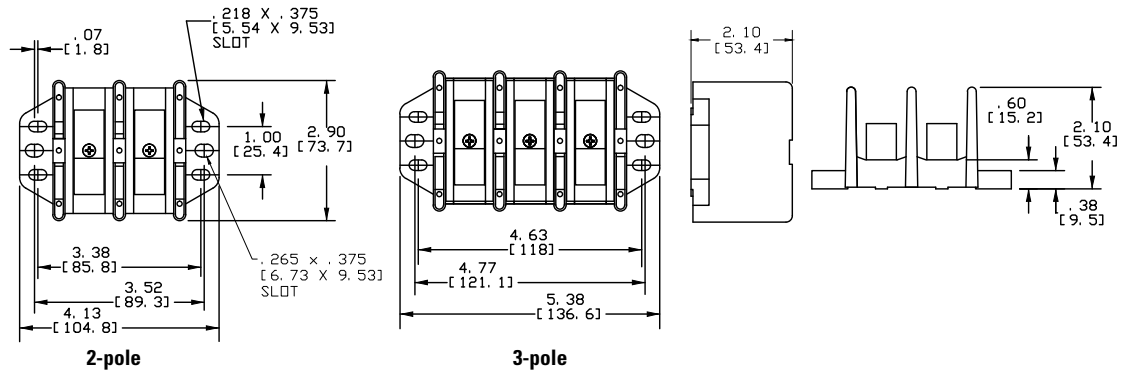


Figure 2

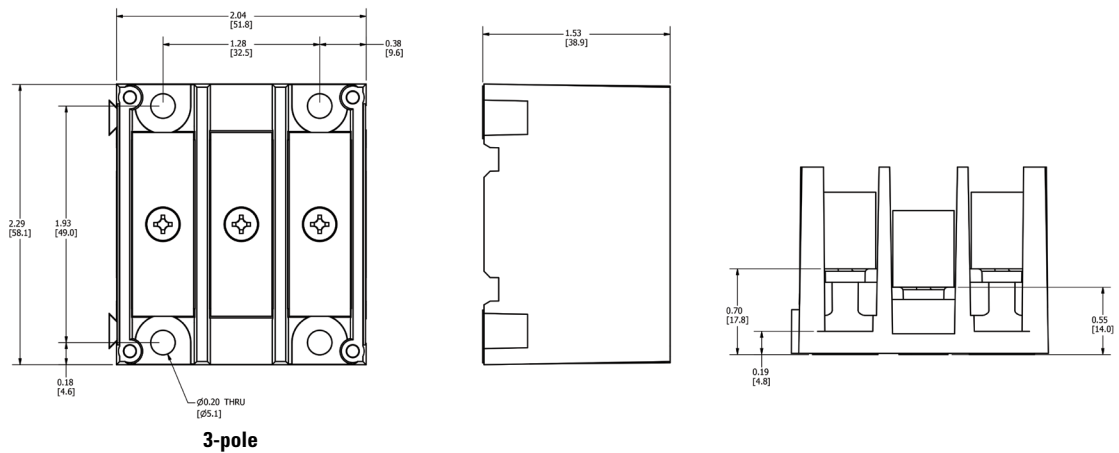
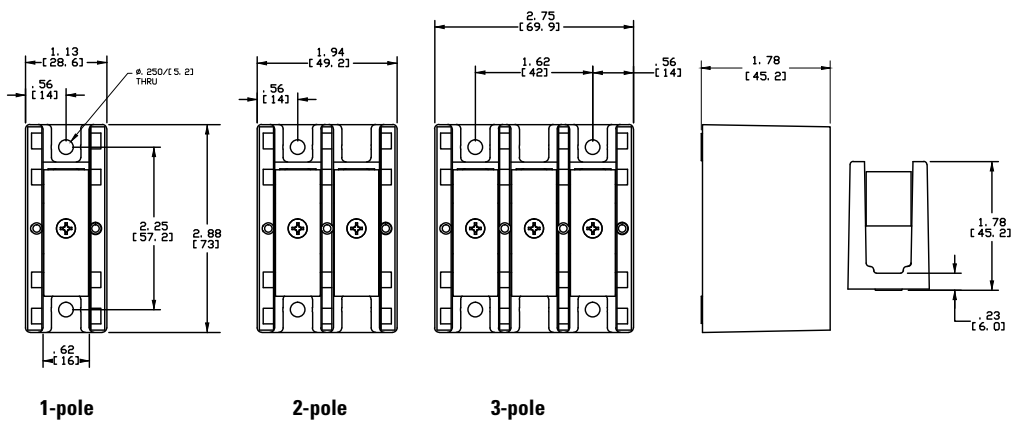


Figure 3



### Distribution Block and Splicer Block Outline Drawings

#### Dimensions Inches (mm)

Figure 4

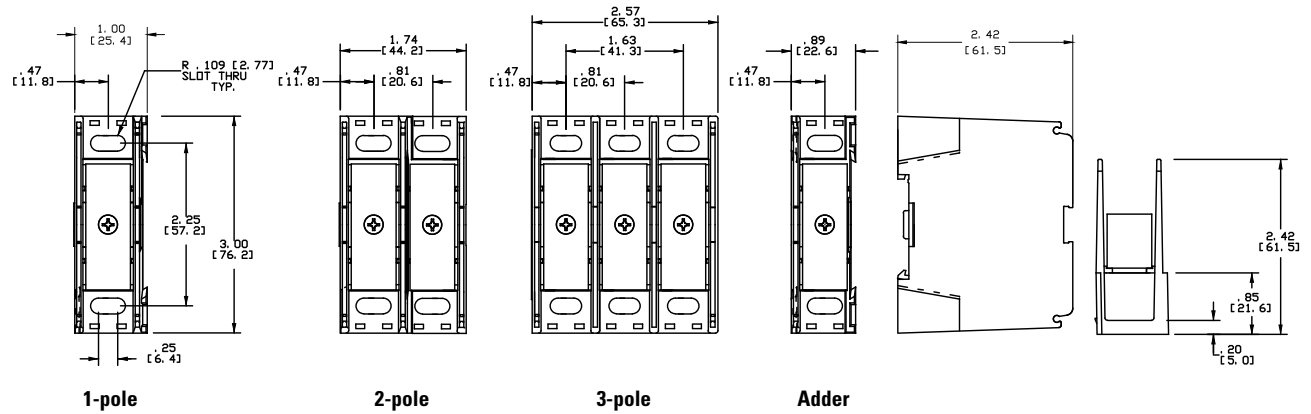


Figure 5

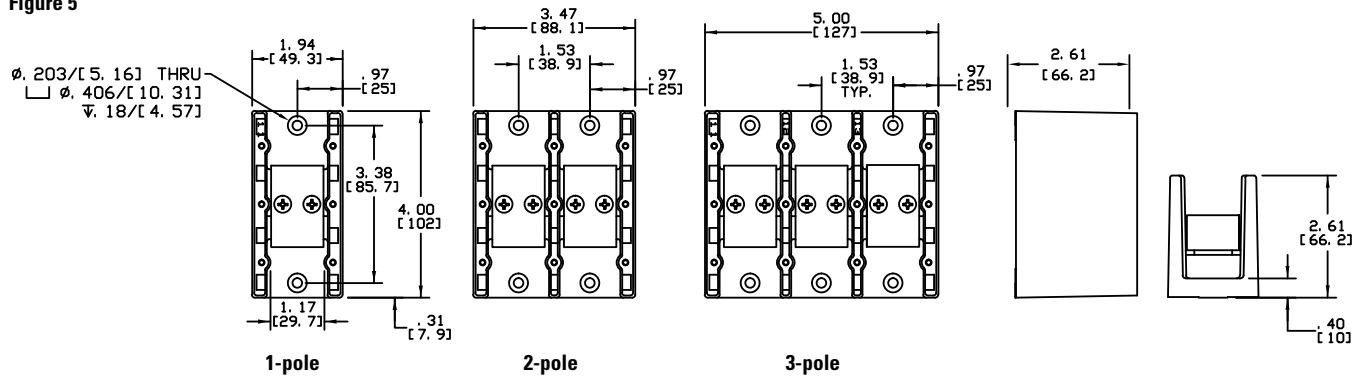
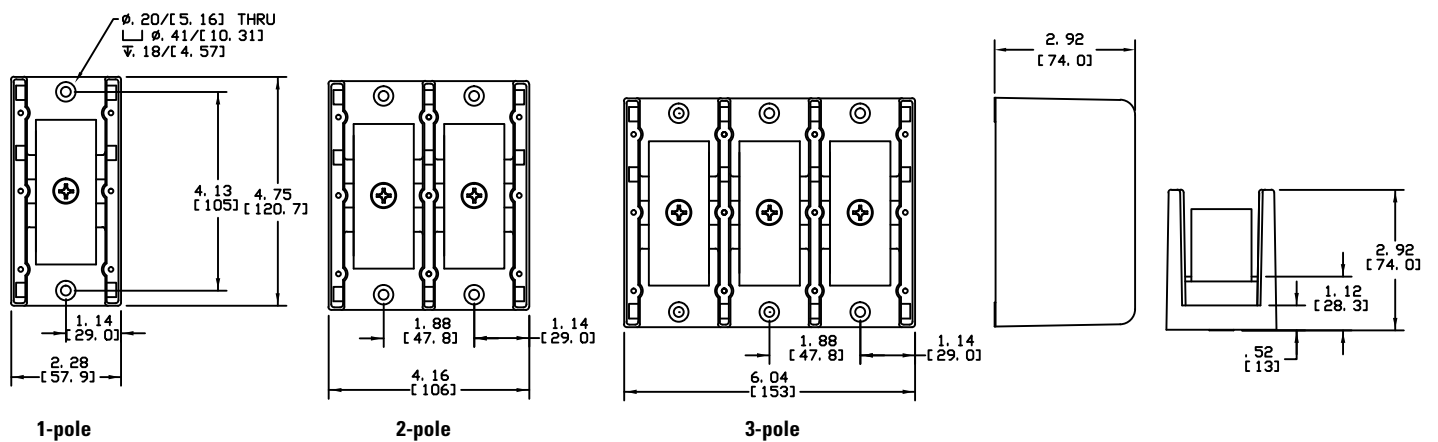


Figure 6



### Distribution Block and Splicer Block Outline Drawings

#### Dimensions Inches (mm)

Figure 7

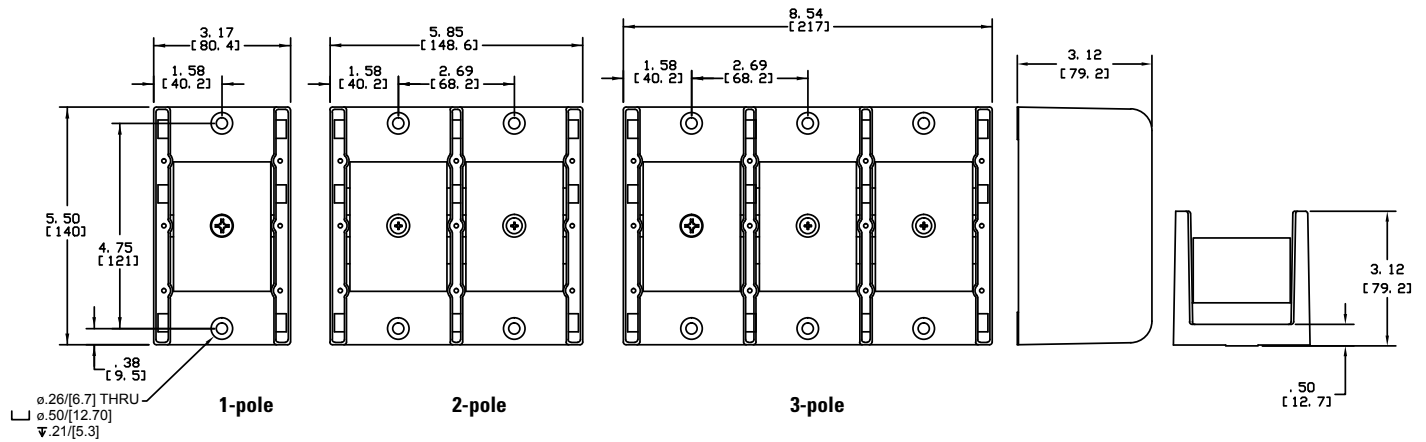


Figure 8

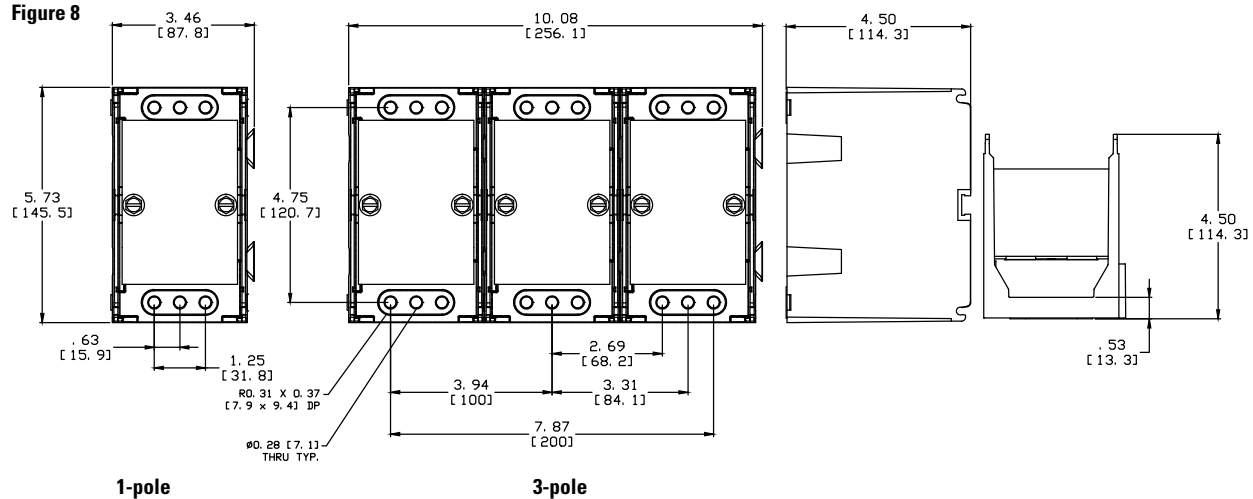
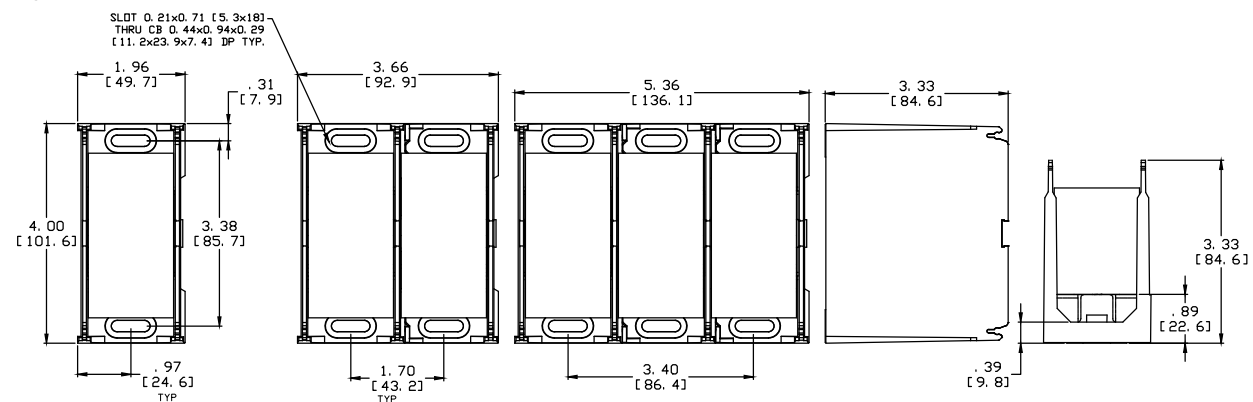


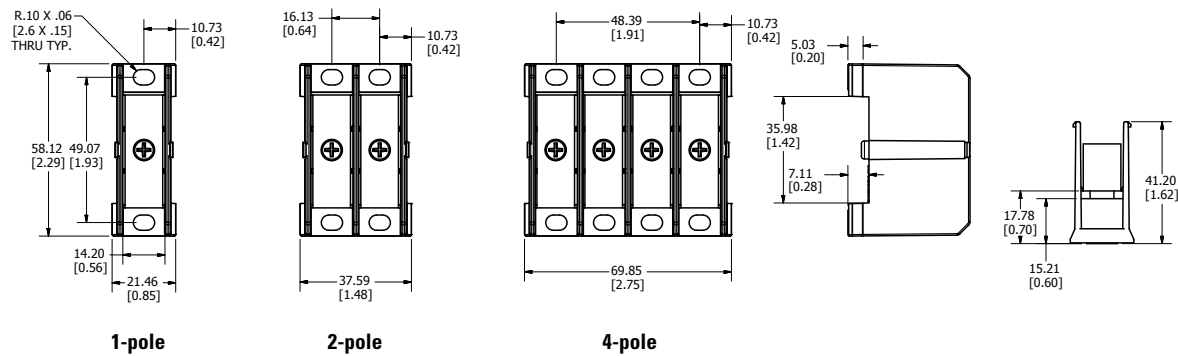
Figure 9



Distribution Block and Splicer Block Outline Drawings

Dimensions Inches (mm)

Figure 10



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