

High Fault SCCR Product Selection  
 Bulletin 1492-PD High Fault SCCR Ratings (with Fuses)

| Cat. No.                 | No. of Poles | Amperage | Rated Wire Range      |                       | High Fault SCCR Ratings Conditions *              |           |                                                                    |     |     |     |    |    | SCCR ‡       |            |
|--------------------------|--------------|----------|-----------------------|-----------------------|---------------------------------------------------|-----------|--------------------------------------------------------------------|-----|-----|-----|----|----|--------------|------------|
|                          |              |          |                       |                       | Suitable Conductors ‡<br>kcmil/AWG<br>Copper Wire |           | Overcurrent Protection §<br>Fuse Required<br>Class/Max. Amp Rating |     |     |     |    |    | RMS<br>Sym A | Volts Max. |
|                          |              |          | Line<br>Wire<br>Phase | Load<br>Wire<br>Phase | Line                                              | Load      | J                                                                  | T   | RK1 | RKS | G  | CC |              |            |
| 1492-PDM3111<br>Aluminum | 3            | 115      |                       |                       | #2...#6                                           | #2...#6   | 200                                                                | 200 | 200 | 100 | 60 | 30 | 100,000      | 600        |
|                          |              |          | #2...#14<br>1         | #2...#14<br>1         | #8...#10                                          | #8...#10  | 100                                                                | 100 | 100 | —   | 60 | 30 | 100,000      | 600        |
| 1492-PDM3141<br>Aluminum | 3            | 115      |                       |                       | #2...#6                                           | #10...#14 | 200                                                                | 200 | 200 | 100 | 60 | 30 | 200,000      | 600        |
|                          |              |          | #2...#14<br>1         | #10...#18<br>4        | #8...#10                                          | #14       | 100                                                                | 100 | 100 | 30  | 50 | 30 | 100,000      | 600        |
| 1492-PD3141<br>Aluminum  | 3            | 175      |                       |                       | #2/0...#6                                         | #4...#14  | 200                                                                | 200 | 200 | 100 | 60 | 30 | 100,000      | 600        |
|                          |              |          | #2/0...#14<br>1       | #4...#14<br>4         |                                                   |           |                                                                    |     |     |     |    |    |              |            |
| 1492-PD3163<br>Aluminum  | 3            | 335      |                       |                       | 400...3/0                                         | #2...#8   | 400                                                                | 400 | 400 | 200 | —  | 30 | 200,000      | 600        |
|                          |              |          | 400 kcmil...#6<br>1   | #2...#14<br>8         | 2/0...#6                                          | #2...#14  | 600                                                                | —   | —   | —   | 60 | —  | 100,000      | 600        |
| 1492-PD3183<br>Aluminum  | 3            | 335      |                       |                       | 400...3/0                                         | #2...#8   | 400                                                                | 400 | 400 | 200 | 60 | 30 | 100,000      | 600        |
|                          |              |          | 400 kcmil...#6<br>1   | #2...#14<br>8         | 2/0...#6                                          | #2...#14  | 200                                                                | 200 | 200 | 100 | 60 | 30 | 100,000      | 600        |
| 1492-PD31123<br>Aluminum | 3            | 380      |                       |                       | 500...3/0                                         | #2...#8   | 400                                                                | 400 | 400 | 200 | 60 | 30 | 100,000      | 600        |
|                          |              |          | 500 kcmil...#4<br>1   | #2...#14<br>12        | 2/0...#4                                          | #2...#14  | 200                                                                | 200 | 200 | 100 | 60 | 30 | 100,000      | 600        |
| 1492-PD3C141<br>Copper   | 3            | 175      |                       |                       | 2/0...#6                                          | #4...#14  | 200                                                                | 200 | 200 | 100 | 60 | 30 | 100,000      | 600        |
|                          |              |          | 2/0...#14<br>1        | #4...#14<br>4         |                                                   |           |                                                                    |     |     |     |    |    |              |            |
| 1492-PD3C263<br>Copper   | 3            | 350      |                       |                       | 2/0...#2                                          | #4...#8   | 400                                                                | 400 | 400 | 100 | 60 | 30 | 100,000      | 600        |
|                          |              |          | 2/0...#14<br>2        | #4...#14<br>6         | #4...#6                                           | #10...#14 | 200                                                                | 200 | 200 | 100 | 60 | 30 | 100,000      | 600        |
| 1492-PD3C163<br>Copper   | 3            | 380      |                       |                       | 500...3/0                                         | #2...#8   | 400                                                                | 400 | 400 | 100 | 60 | 30 | 100,000      | 600        |
|                          |              |          | 500 kcmil...#4<br>1   | #2...#14<br>6         | 2/0...#4                                          | #2...#14  | 200                                                                | 200 | 200 | 100 | 60 | 30 | 100,000      | 600        |

- \* **Short-circuit Current Rating (SCCR) Conditions** — Terminal blocks are considered suitable for use on a circuit capable of delivering not more than the stated SCCR at the maximum voltage specified when protected by the maximum ampere and Class of overcurrent protective device noted in the individual Recognitions.
- ‡ **Short-circuit Current Rating, (SCCR)** when noted additional conditions are provided. When larger overcurrent protection devices of type, or wire of different size is used, the Power Terminal block as a 10,000 amp withstand rating. **Note** the rated wire range of terminals may exceed the restrictive wire range used to provide higher SCCR.
- ‡ **Size Range of Line and Load** conductors suitable to maintain noted SCCR.
- § **Maximum Size** of Line side overcurrent protection to provide noted SCCR.

### Mini Blocks

- Rated at 600V AC/DC, 115 A; these blocks offer high current-carrying capacity in a very small package to save on panel space
- Two configurations available: 3-pole feed-through with 1 line opening and 1 load opening per pole; 3-pole power distribution with 1 line opening and 4 load openings per pole
- Insulating material max. temperature: 257 °F (125 °C)

### Open-Style Power Distribution and Splicer Blocks (with Aluminum or Copper Connectors)

- Rated at 600V AC/DC, 175...760 A
- 1- and 3-pole configurations
- 1 or 2 line openings per pole, 1, 2, 4, 6, 8, or 12 load openings per pole
- Insulating material max. temperature: 302 °F (150 °C)

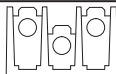
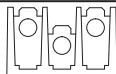
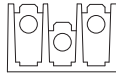
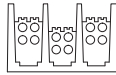
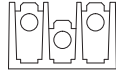
### Open Style Block with Aluminum Connectors

### Enclosed Power Distribution Blocks (with Aluminum or Copper Connectors)

- IP20 from the front
- Rated at 600V AC/DC, 175...510 A
- Single-pole devices; gangable to create multi-pole solutions
- 1 or 2 line openings per pole, 1, 2, 4, or 8 load openings per pole
- Insulating material max. temperature: 257 °F (125 °C)

### Power Distribution Blocks with Feeder Spacing, High SCCR and Front Barrier (with Aluminum Connectors)

- Three-pole devices
- 1 line opening per pole, 1, 4, 6, 9, or 12 load openings per pole
- Insulating material max. temperature: 302 °F (150 °C)

| Cat. No.                        | No. of Poles | Amperage | Line                                                                                |                                 |                         | Load                                                                                 |                                 |                         | Power Block Cover |
|---------------------------------|--------------|----------|-------------------------------------------------------------------------------------|---------------------------------|-------------------------|--------------------------------------------------------------------------------------|---------------------------------|-------------------------|-------------------|
|                                 |              |          | Connector Config.                                                                   | Wire Range for Line             | Wires Per Pole for Line | Connector Config.                                                                    | Wire Range for Load             | Wires Per Pole for Load | Cat. No.          |
| Mini-Blocks                     |              |          |                                                                                     |                                 |                         |                                                                                      |                                 |                         |                   |
| 1492-PDM3111                    | 3            | 115      |    | #2...14 AWG<br>(35...2.5) mm²   | 1                       |    | #2...14 AWG<br>(35...2.5) mm²   | 1                       | 1492-PBC9         |
| 1492-PDM3141                    | 3            | 115      |    | #2...14 AWG<br>(35...2.5) mm²   | 1                       |    | #10...18 AWG<br>(6...0.75) mm²  | 4                       | 1492-PBC9         |
| Open-Style — Aluminum Connector |              |          |                                                                                     |                                 |                         |                                                                                      |                                 |                         |                   |
| 1492-50Y                        | 1            | 115      |   | #2...14 AWG<br>(35...2.5 mm²)   | 1                       |   | #2...14 AWG<br>(35...2.5 mm²)   | 1                       | 1492-PBC4         |
| 1492-50X                        | 3            | 115      |  | #2...14 AWG<br>(35...2.5 mm²)   | 1                       |  | #2...14 AWG<br>(35...2.5 mm²)   | 1                       | 1492-PBC1         |
| 1492-100Y                       | 1            | 175      |  | 2/0...#14 AWG<br>(70...2.5 mm²) | 1                       |  | 2/0...#14 AWG<br>(70...2.5 mm²) | 1                       | 1492-PBC4         |
| 1492-50 XF                      | 3            | 175      |  | 2/0...#14 AWG<br>(70...2.5 mm²) | 1                       |  | 1/4" Tap<br>w/Binding<br>Screw  | 1                       | 1492-PBC1         |

### Approximate Dimensions

Dimensions are in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

Figure 1

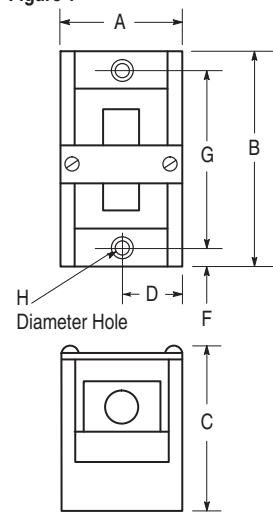


Figure 2

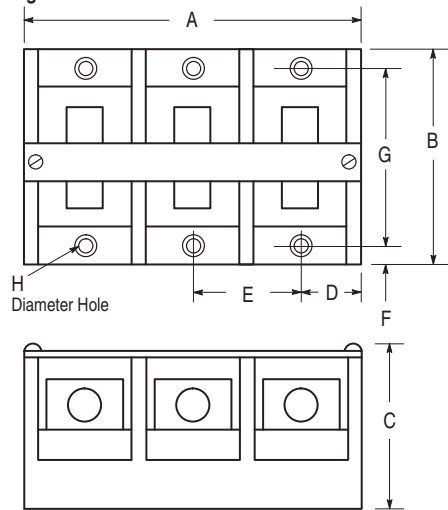
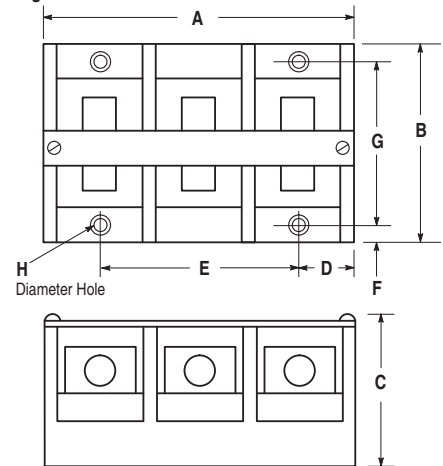


Figure 3



| Cat. No.      | Figure | A             | B             | C            | D            | E            | F           | G             | H            |
|---------------|--------|---------------|---------------|--------------|--------------|--------------|-------------|---------------|--------------|
| 1492-PDM3111  | 3*     | 2.03 (51.56)  | 2.29 (58.17)  | 1.62 (41.15) | 0.38 (9.68)  | 1.27 (32.26) | 0.19 (4.83) | 1.93 (49.02)  | 0.201 (5.11) |
| 1492-PDM3141  | 3*     | 2.03 (51.56)  | 2.29 (58.17)  | 1.62 (41.15) | 0.38 (9.68)  | 1.27 (32.26) | 0.19 (4.83) | 1.93 (49.02)  | 0.201 (5.11) |
| 1492-50Y      | 1      | 1.13 (28.7)   | 2.88 (73.15)  | 1.88 (47.8)  | 0.56 (14.22) | —            | 0.31 (7.87) | 2.25 (57.15)  | 0.205 (5.21) |
| 1492-100Y     | 1      | 1.13 (28.7)   | 2.88 (73.15)  | 1.88 (47.8)  | 0.56 (14.22) | —            | 0.31 (7.87) | 2.25 (57.15)  | 0.205 (5.21) |
| 1492-50X      | 3      | 2.75 (69.85)  | 2.88 (73.15)  | 1.88 (47.8)  | 0.56 (14.22) | 1.62 (41.2)  | 0.31 (7.87) | 2.25 (57.15)  | 0.205 (5.21) |
| 1492-100X     | 3      | 2.75 (69.85)  | 2.88 (73.15)  | 1.88 (47.8)  | 0.56 (14.22) | 1.62 (41.2)  | 0.31 (7.87) | 2.25 (57.15)  | 0.205 (5.21) |
| 1492-50XF     | 3      | 2.75 (69.85)  | 2.88 (73.15)  | 1.88 (47.8)  | 0.56 (14.22) | 1.62 (41.2)  | 0.31 (7.87) | 2.25 (57.15)  | 0.205 (5.21) |
| 1492-50YF     | 1      | 1.13 (28.7)   | 2.88 (73.15)  | 1.88 (47.8)  | 0.56 (14.22) | —            | 0.31 (7.87) | 2.25 (57.15)  | 0.205 (5.21) |
| 1492-PD3C111  | 3      | 2.75 (69.85)  | 2.88 (73.15)  | 1.88 (47.8)  | 0.56 (14.22) | 1.62 (41.2)  | 0.31 (7.87) | 2.25 (57.15)  | 0.205 (5.21) |
| 1492-PD3C141  | 3      | 2.75 (69.85)  | 2.88 (73.15)  | 1.88 (47.8)  | 0.56 (14.22) | 1.62 (41.2)  | 0.31 (7.87) | 2.25 (57.15)  | 0.205 (5.21) |
| 1492-PD3141   | 3      | 2.75 (69.85)  | 2.88 (73.15)  | 1.88 (47.8)  | 0.56 (14.22) | 1.62 (41.2)  | 0.31 (7.87) | 2.25 (57.15)  | 0.205 (5.21) |
| 1492-BE       | 1      | 1.94 (49.28)  | 4 (101.6)     | 2.72 (69.1)  | 0.97 (24.64) | —            | 0.31 (7.87) | 3.38 (85.85)  | 0.203 (5.16) |
| 1492-PD3C112  | 2      | 5 (127)       | 4 (101.6)     | 2.72 (69.1)  | 0.97 (24.64) | 1.53 (38.86) | 0.31 (7.87) | 3.38 (85.85)  | 0.203 (5.16) |
| 1492-PD3113   | 2      | 5 (127)       | 4 (101.6)     | 2.72 (69.1)  | 0.97 (24.64) | 1.53 (38.86) | 0.31 (7.87) | 3.38 (85.85)  | 0.203 (5.16) |
| 1492-PD3263   | 2      | 5 (127)       | 4 (101.6)     | 2.72 (69.1)  | 0.97 (24.64) | 1.53 (38.86) | 0.31 (7.87) | 3.38 (85.85)  | 0.203 (5.16) |
| 1492-PD3163   | 2      | 5 (127)       | 4 (101.6)     | 2.72 (69.1)  | 0.97 (24.64) | 1.53 (38.86) | 0.31 (7.87) | 3.38 (85.85)  | 0.203 (5.16) |
| 1492-PD3C163  | 2      | 5 (127)       | 4 (101.6)     | 2.72 (69.1)  | 0.97 (24.64) | 1.53 (38.86) | 0.31 (7.87) | 3.38 (85.85)  | 0.203 (5.16) |
| 1492-PD3C263  | 2      | 5 (127)       | 4 (101.6)     | 2.72 (69.1)  | 0.97 (24.64) | 1.53 (38.86) | 0.31 (7.87) | 3.38 (85.85)  | 0.203 (5.16) |
| 1492-BF       | 1      | 2.28 (57.91)  | 4.75 (120.65) | 2.92 (74.2)  | 1.12 (28.45) | —            | 0.31 (7.87) | 4.13 (104.9)  | 0.203 (5.16) |
| 1492-PD3183   | 2      | 6.04 (153.42) | 4.75 (120.65) | 2.92 (74.2)  | 1.12 (28.45) | 1.88 (47.75) | 0.31 (7.87) | 4.13 (104.9)  | 0.203 (5.16) |
| 1492-BG       | 1      | 3.17 (80.25)  | 5.50 (139.7)  | 3.23 (82.0)  | 1.58 (40.13) | —            | 0.38 (9.68) | 4.75 (120.65) | 0.265 (6.73) |
| 1492-PD31123  | 2      | 8.54 (216.92) | 5.50 (139.7)  | 3.23 (82.0)  | 1.58 (40.13) | 2.69 (68.58) | 0.38 (9.68) | 4.75 (120.65) | 0.265 (6.73) |
| 1492-PD3287   | 2      | 8.54 (216.92) | 5.50 (139.7)  | 3.23 (82.0)  | 1.58 (40.13) | 2.69 (68.58) | 0.38 (9.68) | 4.75 (120.65) | 0.265 (6.73) |
| 1492-PD32127  | 2      | 8.54 (216.92) | 5.50 (139.7)  | 3.23 (82.0)  | 1.58 (40.13) | 2.69 (68.58) | 0.38 (9.68) | 4.75 (120.65) | 0.265 (6.73) |
| 1492-PD3226   | 2      | 8.54 (216.92) | 5.50 (139.7)  | 3.23 (82.0)  | 1.58 (40.13) | 2.69 (68.58) | 0.38 (9.68) | 4.75 (120.65) | 0.265 (6.73) |
| 1492-PD3C2127 | 2      | 8.54 (216.92) | 5.50 (139.7)  | 3.23 (82.0)  | 1.58 (40.13) | 2.69 (68.58) | 0.38 (9.68) | 4.75 (120.65) | 0.265 (6.73) |
| 1492-PD3C287  | 2      | 8.54 (216.92) | 5.50 (139.7)  | 3.23 (82.0)  | 1.58 (40.13) | 2.69 (68.58) | 0.38 (9.68) | 4.75 (120.65) | 0.265 (6.73) |

\* No marker strip.