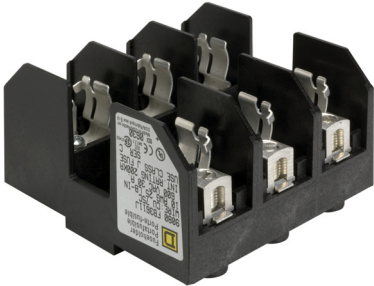


# Terminal Blocks

## Fuseholders and Power Distribution Blocks

Catalog  
 9080CT9603R12/17  
**2017**  
 Class 9080






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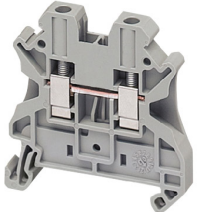




by Schneider Electric



| Family   | Description  |
|--|--|
|                                   | <p><b>Schneider Electric™ NSYEB Enclosed Power Distribution Blocks</b></p> <p>NSYEB power distribution blocks are enclosed IEC versions of our NEMA 9080 power distribution blocks, which are finger safe from the front according to IP20, and available with copper or aluminum lugs. They have Short-Circuit Current Ratings (SCCR) up to 100 kA with fuses. They are one-pole modular units with an interlocking dovetail feature that enables ganging of the blocks to create multi-pole configurations according to application requirements. Most are UL Listed (some are UL component recognized), CSA approved, and RoHS compliant. CE marking ensures acceptance throughout the European community. The UL Listed blocks meet feeder circuit spacing requirements.</p> |
|  <p><b>Class 9080 Type LB</b></p> | <p><b>Square D™ 9080 Open Power Distribution Blocks</b></p> <p>Available in a wide variety of sizes, these NEMA open power distribution blocks are available in one, two, and three pole versions with either aluminum or copper lugs. Many blocks have been tested to achieve SCCR up to 100 kA. They are UL component recognized, CSA approved, RoHS compliant, and CE marked. A selection of covers completes this family.</p>  |
|  <p><b>Class 9080 Type FB</b></p> | <p><b>Square D 9080 FB Fuse Holders</b></p> <p>This family of NEMA fuse holders will accept types H, R, CC, M, and J fuses up to 200 amperes. Both 250 V and 600 V versions are available. Types H, R, J, and CC are UL Listed. Type M fuse holders are UL component recognized. They are all CSA approved, CE marked, and RoHS compliant.</p>   |

**NOTE:** The product lines listed below are not shown in this catalog. Please refer to the referenced catalog included with each family.

| Family  | Description   |
|---|---|
|  <p><b>NSYTR</b></p>             | <p><b>Schneider Electric Linergy™ Terminal Blocks</b></p> <p>Depending on the application, there are several types of IEC terminal blocks:</p> <ul style="list-style-type: none"> <li>• Screw technology terminal blocks are suitable for the majority of connection applications due to their wide range of functions and connection possibilities.</li> <li>• Spring technology requires no maintenance and helps provide a separation of mechanical and electrical functions.</li> <li>• Push-in terminal blocks reduce wiring time and eliminate the need for regular re-tightening.</li> <li>• The hybrid offer is a combination of screw terminal and Insulation Displacement Connection (IDC).</li> </ul> <p>These blocks are UL component recognized, CSA approved, CE marked, and RoHS compliant.</p> <p>Refer to catalog 9080CT1301</p> |
|  <p><b>Class 9080 Type G</b></p> | <p><b>Square D 9080 Terminal Blocks</b></p> <p>This family of NEMA blocks and accessories offers features such as a large variety of colors, high density to save space in applications, multiple mounting methods such as 35 mm DIN rail, 9080GH (3/4") track, or direct panel mounting. They are UL component recognized, CSA approved, RoHS compliant, and CE marked.</p> <p>Refer to Catalog 9080CT9601.</p>  |
|                                  | <p><b>Circuit Protectors</b></p> <p>There are two families of circuit protectors. The Square D 9080 Type GCB thermal magnetic product line is available from 0.1–15 A. The Schneider Electric GB2 IEC thermal magnetic products are available from 0.5–12 A. Both product lines are UL component recognized, CSA approved, RoHS compliant, and CE marked.</p> <p>Refer to Catalog 9080CT9601 or Catalog 9080CT9602.</p>   |

## Terminal Blocks

### Enclosed Power Distribution Blocks











Without the use of additional shields, these Schneider Electric IEC power distribution blocks are designed to prevent contact with live connectors from the front according to IP20. The blocks are available with aluminum or copper terminals and have high fault SCCR up to 100 kA with an assortment of fuses. They are designed to meet a variety of load distribution or splicing applications.

#### Specifications:

- Up to 760 A
- 600 V AC/DC
- Multiple wire ratings
- 35 mm DIN rail or panel mounting options

#### Standards:









- UL Listed or UL Component Recognized.
- UL Listed blocks meet feeder circuit spacing requirements.
- CSA Certified
- CE Approved
- RoHS Compliant
- IP20 from the front
- Flammability UL 94 V-0

|  |  |  |
|--|--|--|
|  |   |   |
| <b>Maximum Voltage Rating</b>  | 600  | 600  |
| <b>Current Rating, Cu Wire</b>   | 115  | 115  |
| <b>Current Rating, Al Wire</b>   | N/A  | N/A  |
| <b>Mounting</b>  | 35 mm DIN Rail or Panel  | 35 mm DIN Rail or Panel  |
| <b>SCCR with Fuses</b>   | Up to 100 kA, see page 29.   | Up to 65 kA, see page 29.  |
| <b>Wire Range</b><br><b>Limited to wire class. See "Wire Classes - Enclosed Power Distribution Blocks" beginning on page 38.</b> | <b>Line</b><br>Cu: (1) 14–2 AWG (2.5–35 mm <sup>2</sup> )  | <b>Line</b><br>Cu: (1) 14–2 AWG (2.5–35 mm <sup>2</sup> )  |
|  | <b>Load</b><br>Cu: (1) 14–2 AWG (2.5–35 mm <sup>2</sup> )  | <b>Load</b><br>Cu: (4) 14–10 AWG (2.5–6 mm <sup>2</sup> )  |
| <b>Lugs Suitable for Use with</b>  | 75 °C Conductors   | 75 °C Conductors   |
| <b>Tightening Torque lb-in (N•m)</b>   | <b>Line</b><br>Cu: 3–2 AWG (35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>Cu: 6–4 AWG (16–25 mm <sup>2</sup> ): <b>45 (5.1)</b><br>Cu: 8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>Cu: 14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b>  | <b>Line</b><br>Cu: 3–2 AWG (35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>Cu: 6–4 AWG (16–25 mm <sup>2</sup> ): <b>45 (5.1)</b><br>Cu: 8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>Cu: 14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b>  |
|  | <b>Load</b><br>Cu: 3–2 AWG (35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>Cu: 6–4 AWG (16–25 mm <sup>2</sup> ): <b>45 (5.1)</b><br>Cu: 8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>Cu: 14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b>  | <b>Load</b><br>Cu: 14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b>   |
| <b>Wire Strip Length in. (mm)</b>  | Line: 5/8 (16); Load 5/8 (16)  | Line: 5/8 (16); Load top: 7/16 (11); Load bottom 11/16 (17)  |
| <b>Terminal Screw Drive, Line Side</b>   | 5/32 Hex   | 5/32 Hex   |
| <b>Terminal Screw Drive, Load Side</b>   | 5/32 Hex   | 5/64 Hex   |
| <b>Lug Material</b>  | Tin Plated Aluminum  | Tin Plated Aluminum  |
| <b>Base Material</b>   | Thermoplastic  | Thermoplastic  |
| <b>Terminal Set Screw Material</b>   | Nickel Plated Steel  | Nickel Plated Steel  |
| <b>Connector Mounting Screw</b>  | Zinc Plated Steel  | Zinc Plated Steel  |
| <b>Temperature Rating</b>  | -40 to 257 °F (-40 to 125 °C)  | -40 to 257 °F (-40 to 125 °C)  |
| <b>Certifications</b>  |  UL E323110 QPQS<br> CSA File 70361 Class 6228-01<br> RoHS Compliant<br> CE Marked |  UL E323110 QPQS<br> CSA File 70361 Class 6228-01<br> RoHS Compliant<br> CE Marked |
| <b>Flammability Rating</b>   | UL94V-0  | UL94V-0  |
| <b>Block Catalog Number</b>  | NSYEBAD11611   | NSYEBAD11614   |
| <b>Terminal Plug</b> (for plugging unused openings)  | N/A  | N/A  |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 4.14 x 1.71 x 0.75 in.<br>(105.2 x 43.5 x 19.0 mm)   | 4.14 x 1.71 x 0.75 in.<br>(105.2 x 43.5 x 19.0 mm)   |











Terminal Plug

## Terminal Blocks Enclosed Power Distribution Blocks









|   |  |   |   |   |
|---|--|---|---|---|
|   |   |  |    |  |
| <b>Maximum Voltage Rating</b>   | 600  | 600   | 600   | 600   |
| <b>Current Rating, Cu Wire</b>  | 200  | 200   | 200   | 200   |
| <b>Current Rating, Al Wire</b>  | 155  | 155   | N/A   | N/A   |
| <b>Mounting</b>   | 35 mm DIN Rail   | Panel   | 35 mm DIN Rail  | Panel   |
| <b>SCCR with Fuses</b>  | Up to 100 kA, see page 29.   |   | Up to 100 kA, see page 29.  |   |
| <b>Wire Range</b><br>Limited to wire class. See "Wire Classes - Enclosed Power Distribution Blocks" beginning on page 38. | <b>Line</b><br>Cu: (1) 14 AWG-3/0 (2.5-70 mm <sup>2</sup> )<br>Al: (1) 6 AWG-3/0   |   | <b>Line</b><br>Cu: (1) 14 AWG-3/0 (2.5-70 mm <sup>2</sup> )   |   |
|   | <b>Load</b><br>Cu: (1) 14 AWG-3/0 (2.5-70 mm <sup>2</sup> )<br>Al: (1) 6 AWG-3/0   |   | <b>Load</b><br>Cu: (1) 14 AWG-3/0 (2.5-70 mm <sup>2</sup> )   |   |
| <b>Lugs Suitable for Use with</b>   | 75 °C Conductors   |   | 90 °C Conductors  |   |
| <b>Tightening Torque</b><br>lb-in (N•m)   | <b>Line</b><br>Cu: 8 AWG-3/0 (10-70 mm <sup>2</sup> ): <b>180 (20.3)</b><br>Cu: 14-10 AWG (2.5-6 mm <sup>2</sup> ): <b>50 (5.6)</b><br>Al: 6 AWG-3/0: <b>180 (20.3)</b>  |   | <b>Line</b><br>Cu: 8 AWG-3/0 (10-70 mm <sup>2</sup> ): <b>180 (20.3)</b><br>Cu: 14-10 AWG (2.5-6 mm <sup>2</sup> ): <b>50 (5.6)</b> |   |
|   | <b>Load</b><br>Cu: 8 AWG-3/0 (10-70 mm <sup>2</sup> ): <b>180 (20.3)</b><br>Cu: 14-10 AWG (2.5-6 mm <sup>2</sup> ): <b>50 (5.6)</b><br>Al: 6 AWG-3/0: <b>180 (20.3)</b>  |   | <b>Load</b><br>Cu: 8 AWG-3/0 (10-70 mm <sup>2</sup> ): <b>180 (20.3)</b><br>Cu: 14-10 AWG (2.5-6 mm <sup>2</sup> ): <b>50 (5.6)</b> |   |
| <b>Wire Strip Length in. (mm)</b>   | Line: 7/8 (18); Load: 7/8 (18)   |   |   |   |
| <b>Terminal Screw Drive, Line Side</b>  | 6 mm Hex   |   | 6 mm Hex  |   |
| <b>Terminal Screw Drive, Load Side</b>  | 6 mm Hex   |   | 6 mm Hex  |   |
| <b>Lug Material</b>   | Tin Plated Aluminum  |   | Tin Plated Copper   |   |
| <b>Base Material</b>  | Thermoplastic  |   | Thermoplastic   |   |
| <b>Terminal Set Screw Material</b>  | Zinc Plated Steel  |   | Zinc Plated Steel   |   |
| <b>Connector Mounting Screw</b>   | Zinc Plated Steel  |   | Zinc Plated Steel   |   |
| <b>Temperature Rating</b>   | -40 to 257 °F (-40 to 125 °C)  |   | -40 to 257 °F (-40 to 125 °C)   |   |
| <b>Certifications</b>   |  UL E323110 QPQS  CSA File 70361 Class 6228-01  RoHS Compliant  Marked |   |   |   |
| <b>Flammability Rating</b>  | UL94V-0  |   | UL94V-0   |   |
| <b>Block Catalog Number</b>   | NSYEBAD12611   | NSYEBAP12611  | NSYEBAD12611  | NSYEBAP12611  |
| <b>Terminal Plug</b>  | N/A  | N/A   | N/A   | N/A   |
| <b>Block Dimensions</b>   | 3.61 x 2.71 x 1.11 in.   | 3.61 x 2.71 x 1.11 in.  | 3.61 x 2.71 x 1.11 in.  | 3.61 x 2.71 x 1.11 in.  |
| <b>(D) x (H) x (W)</b>  | (91.7 x 68.9 x 28.2 mm)  | (91.7 x 68.9 x 28.2 mm)   | (91.7 x 68.9 x 28.2 mm)   | (91.7 x 68.9 x 28.2 mm)   |

# Terminal Blocks

## Enclosed Power Distribution Blocks





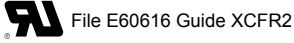
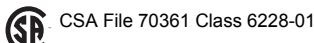
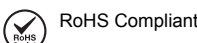

|   |   |   |  |   |
|---|---|---|--|---|
|   |    |  |   |  |
| <b>Maximum Voltage Rating</b>   | 600   | 600   | 600  | 600   |
| <b>Current Rating, Cu Wire</b>  | 200   | 200   | 200  | 200   |
| <b>Current Rating, Al Wire</b>  | 155   | 155   | N/A  | N/A   |
| <b>Mounting</b>   | 35 mm DIN Rail  | Panel   | 35 mm DIN Rail   | Panel   |
| <b>SCCR with Fuses</b>  | Up to 100 kA, see page 29.  |   | Up to 100 kA, see page 29.   |   |
| <b>Wire Range</b><br>Limited to wire class. See "Wire Classes - Enclosed Power Distribution Blocks" beginning on page 38. | <b>Line</b><br>Cu: (1) 14 AWG–3/0 (2.5–70 mm <sup>2</sup> )<br>Al: (1) 6 AWG–3/0<br><b>Load</b><br>Cu: (4) 14–2 AWG (2.5–35 mm <sup>2</sup> )<br>Al: (4) 6–2 AWG  |   | <b>Line</b><br>Cu: (1) 14 AWG–3/0 (2.5–70 mm <sup>2</sup> )<br><b>Load</b><br>Cu: (4) 14–2 AWG (2.5–35 mm <sup>2</sup> )   |   |
| <b>Lugs Suitable for Use with</b>   | 75 °C Conductors  |   | 90 °C Conductors   |   |
| <b>Tightening Torque lb-in (N•m)</b>  | <b>Line</b><br>Cu: 8 AWG–3/0 (10–70 mm <sup>2</sup> ): <b>180 (20.3)</b><br>Cu: 14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>50 (5.6)</b><br>Al: 6 AWG–3/0: <b>180 (20.3)</b><br><b>Load</b><br>Cu: 8–2 AWG (10–35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>Cu: 14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>40 (4.5)</b><br>Al: 6–2 AWG: <b>50 (5.6)</b>  |   | <b>Line</b><br>Cu: 8 AWG–3/0 (10–70 mm <sup>2</sup> ): <b>180 (20.3)</b><br>Cu: 14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>50 (5.6)</b><br><b>Load</b><br>Cu: 8–2 AWG (10–35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>Cu: 14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>40 (4.5)</b> |   |
| <b>Wire Strip Length in. (mm)</b>   | Line: 7/8 (18); Load: 11/16 (17)  |   |  |   |
| <b>Terminal Screw Drive, Line Side</b>  | 6 mm Hex  |   | 6 mm Hex   |   |
| <b>Terminal Screw Drive, Load Side</b>  | 5 mm Hex  |   | 5 mm Hex   |   |
| <b>Lug Material</b>   | Tin Plated Aluminum   |   | Tin Plated Copper  |   |
| <b>Base Material</b>  | Thermoplastic   |   | Thermoplastic  |   |
| <b>Terminal Set Screw Material</b>  | Zinc Plated Steel   |   | Zinc Plated Steel  |   |
| <b>Connector Mounting Screw</b>   | Zinc Plated Steel   |   | Zinc Plated Steel  |   |
| <b>Temperature Rating</b>   | -40 to 257 °F (-40 to 125 °C)   |   | -40 to 257 °F (-40 to 125 °C)  |   |
| <b>Certifications</b>   |  UL E323110 QPQS  CSA File 70361 Class 6228-01  RoHS Compliant  CE Marked |   |  |   |
| <b>Flammability Rating</b>  | UL94V-0   |   | UL94V-0  |   |
| <b>Block Catalog Number</b>   | NSYEBAD12614  | NSYEBAP12614  | NSYEBAD12614   | NSYEBAD12614  |
| <b>Terminal Plug</b>  | N/A   | N/A   | N/A  | N/A   |
| <b>Block Dimensions (D) x (H) x (W)</b>   | 3.61 x 2.71 x 1.11 in.<br>(91.7 x 68.9 x 28.2 mm)   | 3.61 x 2.71 x 1.11 in.<br>(91.7 x 68.9 x 28.2 mm)                                 | 3.61 x 2.71 x 1.11 in.<br>(91.7 x 68.9 x 28.2 mm)  | 3.61 x 2.71 x 1.11 in.<br>(91.7 x 68.9 x 28.2 mm)                                   |

## Terminal Blocks Enclosed Power Distribution Blocks

|   |   |   |   |   |
|---|---|---|---|---|
|   |    |  |    |  |
| <b>Maximum Voltage Rating</b>   | 600   | 600   | 600   | 600   |
| <b>Current Rating, Cu Wire</b>  | 335   | 335   | 335   | 335   |
| <b>Current Rating, Al Wire</b>  | 270   | 270   | N/A   | N/A   |
| <b>Mounting</b>   | 35 mm DIN Rail  | Panel   | 35 mm DIN Rail  | Panel   |
| <b>SCCR with Fuses</b>  | Up to 10 kA, see page 29.   | Up to 100 kA, see page 29.  | Up to 10 kA, see page 29.   | Up to 100 kA, see page 29.  |
| <b>Wire Range</b><br>Limited to wire class. See “Wire Classes - Enclosed Power Distribution Blocks” beginning on page 38. | <b>Line</b><br>Cu: (1) 6 AWG–400 kcmil (16–185 mm <sup>2</sup> )<br>Cu: (1) 14–3/0 AWG (2.5–70 mm <sup>2</sup> )<br>Al: (1) 6 AWG–400 kcmil<br>Al: (1) 6–3/0 AWG  |   | <b>Line</b><br>Cu: (1) 6 AWG–400 kcmil (16–185 mm <sup>2</sup> )<br>Cu: (1) 14–3/0 AWG (2.5–70 mm <sup>2</sup> )  |   |
|   | <b>Load</b><br>Cu: (8) 14–2 AWG (2.5–35 mm <sup>2</sup> )<br>Al: (8) 6–2 AWG  |   | <b>Load</b><br>Cu: (8) 14–2 AWG (2.5–35 mm <sup>2</sup> )   |   |
| <b>Lugs Suitable for Use with</b>   | 75 °C Conductors  |   | 75 °C Conductors  |   |
| <b>Tightening Torque</b><br>lb-in (N•m)   | <b>Line</b><br>Cu: 2/0–400 kcmil (70–185 mm <sup>2</sup> ): <b>375 (42.2)</b><br>Cu: 6–1/0 (16–50 mm <sup>2</sup> ): <b>275 (31)</b><br>Al: 2/0–400 kcmil: <b>375 (42.2)</b><br>Al: 6–1/0: <b>275 (31)</b>  |   | <b>Line</b><br>Cu: 2/0–400 kcmil (70–185 mm <sup>2</sup> ): <b>375 (42.2)</b><br>Cu: 6–1/0 (16–50 mm <sup>2</sup> ): <b>275 (31)</b>                                    |   |
|   | Cu: 1–3/0 (35–75 mm <sup>2</sup> ): <b>120 (13.5)</b><br>Cu: 6–2 AWG (16–25 mm <sup>2</sup> ): <b>80 (9)</b><br>Cu: 14–8 AWG (2.5–10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>Al: 1–3/0: <b>120 (13.5)</b><br>Al: 6–2 AWG: <b>80 (9)</b>   |   | Cu: 1–3/0 (35–75 mm <sup>2</sup> ): <b>120 (13.5)</b><br>Cu: 6–2 AWG (16–25 mm <sup>2</sup> ): <b>80 (9)</b><br>Cu: 14–8 AWG (2.5–10 mm <sup>2</sup> ): <b>40 (4.5)</b> |   |
|   | <b>Load</b><br>Cu: 6–2 AWG (16–35 mm <sup>2</sup> ): <b>80 (9)</b><br>Cu: 14–8 AWG (2.5–10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>Al: 6–2 AWG: <b>80 (9)</b>   |   | <b>Load</b><br>Cu: 6–2 AWG (16–35 mm <sup>2</sup> ): <b>80 (9)</b><br>Cu: 14–8 AWG (2.5–10 mm <sup>2</sup> ): <b>40 (4.5)</b>   |   |
| <b>Wire Strip Length in. (mm)</b>   | Line: 1-7/16 (36) and 1 (25); Load: 5/8 (16)  |   |   |   |
| <b>Terminal Screw Drive, Line Side</b>  | 8 mm and 6 mm Hex   |   | 8 mm and 6 mm Hex   |   |
| <b>Terminal Screw Drive, Load Side</b>  | 5 mm Hex  |   | 5 mm Hex  |   |
| <b>Lug Material</b>   | Tin Plated Aluminum   |   | Tin Plated Copper   |   |
| <b>Base Material</b>  | Thermoplastic   |   | Thermoplastic   |   |
| <b>Line Side Terminal Set Screw Material</b>  | 8 mm Hex, Tin Plated Aluminum<br>5 mm Hex, Zinc Plated Steel  |   | 8 mm Hex, Tin Plated Aluminum<br>5 mm Hex, Zinc Plated Steel  |   |
| <b>Load Side Terminal Set Screw Material</b>  | Zinc Plated Steel   |   | Zinc Plated Steel   |   |
| <b>Connector Mounting Screw</b>   | Zinc Plated Steel   |   | Zinc Plated Steel   |   |
| <b>Temperature Rating</b>   | -40 to 257 °F (-40 to 125 °C)   |   | -40 to 257 °F (-40 to 125 °C)   |   |
| <b>Certifications</b>   |  File E60616 Guide XCFR2  CSA File 70361 Class 6228-01  RoHS Compliant  CE Marked |   |   |   |
| <b>Flammability Rating</b>  | UL94V-0   |   | UL94V-0   |   |
| <b>Block Catalog Number</b>   | NSYEBAD13618  | NSYEBAP13618  | NSYEBCD13618  | NSYEBP13618   |
| <b>Terminal Plug</b> (for plugging unused openings. See page 4 for photograph.)   | NSYEBP2 (2 AWG)   | NSYEBP2 (2 AWG)   | NSYEBP2 (2 AWG)   | NSYEBP2 (2 AWG)   |
|   | NSYEBP20 (2/0 AWG)  | NSYEBP20 (2/0 AWG)  | NSYEBP20 (2/0 AWG)  | NSYEBP20 (2/0 AWG)  |
|   | NSYEBP400 (400 kcmil)   | NSYEBP400 (400 kcmil)   | NSYEBP400 (400 kcmil)   | NSYEBP400 (400 kcmil)   |
| <b>Block Dimensions</b><br><b>(D) x (H) x (W)</b>   | 4.72 x 3.14 x 2.27 in.<br>(114.5 x 79.8 x 57.6 mm)  | 4.39 x 3.14 x 2.27 in.<br>(111.4 x 79.8 x 57.6 mm)                                | 4.72 x 3.14 x 2.27 in.<br>(114.5 x 79.8 x 57.6 mm)  | 4.39 x 3.14 x 2.27 in.<br>(111.4 x 79.8 x 57.6 mm)                                  |








## Terminal Blocks

### Enclosed Power Distribution Blocks

|   |  |   |  |   |
|---|--|---|--|---|
|   |   |  |   |  |
| <b>Maximum Voltage Rating</b>   | 600  | 600   | 600  | 600   |
| <b>Current Rating, Cu Wire</b>  | 510  | 510   | 510  | 510   |
| <b>Current Rating, Al Wire</b>  | 410  | 410   | N/A  | N/A   |
| <b>Mounting</b>   | 35 mm DIN Rail   | Panel   | 35 mm DIN Rail   | Panel   |
| <b>SCCR with Fuses</b>  | Up to 10 kA, see page 29.  | Up to 100 kA, see page 29.  | Up to 10 kA, see page 29.  | Up to 100 kA, see page 29.  |
| <b>Wire Range</b><br>Limited to wire class. See “Wire Classes - Enclosed Power Distribution Blocks” beginning on page 38. | <b>Line</b><br>Cu: (2) 6 AWG–250 kcmil (16–120 mm <sup>2</sup> )<br>Al: (2) 6 AWG–250 kcmil  |   | <b>Line</b><br>Cu: (2) 6 AWG–250 kcmil (16–120 mm <sup>2</sup> )   |   |
|   | <b>Load</b><br>Cu: (2) 6 AWG–250 kcmil (16–120 mm <sup>2</sup> )<br>Al: (2) 6 AWG–250 kcmil  |   | <b>Load</b><br>Cu: (2) 6 AWG–250 kcmil (16–120 mm <sup>2</sup> )   |   |
| <b>Lugs Suitable for Use with</b>   | 75 °C Conductors   |   | 75 °C Conductors   |   |
| <b>Tightening Torque</b><br>lb-in (N•m)   | <b>Line</b><br>Cu: 1 AWG–250 kcmil (50–120 mm <sup>2</sup> ): <b>275 (31.0)</b><br>Cu: 6–2 AWG (16–35 mm <sup>2</sup> ): <b>120 (13.5)</b><br>Al: 1 AWG–250 kcmil: <b>275 (31.0)</b><br>Al: 6–2 AWG: <b>120 (13.5)</b> |   | <b>Line</b><br>Cu: 1 AWG–250 kcmil (50–120 mm <sup>2</sup> ): <b>275 (31.0)</b><br>Cu: 6–2 AWG (16–35 mm <sup>2</sup> ): <b>120 (13.5)</b>   |   |
|   | <b>Load</b><br>Cu: 1 AWG–250 kcmil (50–120 mm <sup>2</sup> ): <b>275 (31.0)</b><br>Cu: 6–2 AWG (16–35 mm <sup>2</sup> ): <b>120 (13.5)</b><br>Al: 1 AWG–250 kcmil: <b>275 (31.0)</b><br>Al: 6–2 AWG: <b>120 (13.5)</b> |   | <b>Load</b><br>Cu: 1 AWG–250 kcmil (50–120 mm <sup>2</sup> ): <b>275 (31.0)</b><br>Cu: 6–2 AWG (16–35 mm <sup>2</sup> ): <b>120 (13.5)</b>   |   |
| <b>Wire Strip Length in. (mm)</b>   | Line: 1-3/8 (35); Load: 1-3/8 (35)   |   |  |   |
| <b>Terminal Screw Drive, Line Side</b>  | 8 mm Hex   |   | 8 mm Hex   |   |
| <b>Terminal Screw Drive, Load Side</b>  | 8 mm Hex   |   | 8 mm Hex   |   |
| <b>Lug Material</b>   | Tin Plated Aluminum  |   | Tin Plated Copper  |   |
| <b>Base Material</b>  | Thermoplastic  |   | Thermoplastic  |   |
| <b>Terminal Set Screw Material</b>  | Tin Plated Aluminum  |   | Tin Plated Aluminum  |   |
| <b>Connector Mounting Screw</b>   | Zinc Plated Steel  |   | Zinc Plated Steel  |   |
| <b>Temperature Rating</b>   | -40 to 257 °F (-40 to 125 °C)  |   | -40 to 257 °F (-40 to 125 °C)  |   |
| <b>Certifications</b>   |   |   |    |   |
| <b>Flammability Rating</b>  | UL94V-0  |   | UL94V-0  |   |
| <b>Block Catalog Number</b>   | NSYEBAD25622   | NSYEBAP25622  | NSYEBCD25622   | NSYEBCP25622  |
| <b>Terminal Plug</b> (for plugging unused openings. See page 4 for photograph.)   | NSYEBP250 (250 kcmil)  | NSYEBP250 (250 kcmil)   | NSYEBP250 (250 kcmil)  | NSYEBP250 (250 kcmil)   |
| <b>Block Dimensions</b><br><b>(D) x (H) x (W)</b>   | 4.72 x 3.14 x 2.27 in.<br>(114.5 x 79.8 x 57.6 mm)   | 4.39 x 3.14 x 2.27 in.<br>(111.4 x 79.8 x 57.6 mm)                                | 4.72 x 3.14 x 2.27 in.<br>(114.5 x 79.8 x 57.6 mm)   | 4.39 x 3.14 x 2.27 in.<br>(111.4 x 79.8 x 57.6 mm)                                  |











## Terminal Blocks Enclosed Power Distribution Blocks

|   |   |  |   |
|---|---|--|---|
|   |    |    |    |
| <b>Maximum Voltage Rating</b>   | 600   | 600  | 600   |
| <b>Current Rating, Cu Wire</b>  | 760   | 760  | 760   |
| <b>Current Rating, Al Wire</b>  | 620   | 620  | N/A   |
| <b>Mounting</b>   | Panel   | Panel  | Panel   |
| <b>SCCR with Fuses</b>  | Up to 100 kA, see page 29.  | Up to 100 kA, see page 29.   | Up to 100 kA, see page 29.  |
| <b>Wire Range</b><br>Limited to wire class. See “Wire Classes - Enclosed Power Distribution Blocks” beginning on page 33. | <b>Line</b><br>Cu: (2) 4 AWG–500 kcmil (25–240 mm <sup>2</sup> )<br>Al: (2) 4 AWG–500 kcmil                                     | <b>Line</b><br>Cu: (2) 4 AWG–500 kcmil (25–240 mm <sup>2</sup> )<br>Al: (2) 4 AWG–500 kcmil  | <b>Line</b><br>Cu: (2) 4 AWG–500 kcmil (25–240 mm <sup>2</sup> )  |
|   | <b>Load</b><br>Cu: (2) 4 AWG–500 kcmil (25–240 mm <sup>2</sup> )<br>Al: (2) 4 AWG–500 kcmil                                     | <b>Load</b><br>Cu: (8) 14–2/0 AWG (2.5–50 mm <sup>2</sup> )<br>Al: (8) 6–2/0 AWG   | <b>Load</b><br>Cu: (8) 14–2/0 AWG (2.5–50 mm <sup>2</sup> )   |
| <b>Lugs Suitable for Use with</b>   | 75 °C Conductors  | 75 °C Conductors   | 90 °C Conductors  |
| <b>Tightening Torque</b><br>lb-in (N•m)   | <b>Line</b><br>Cu: 4 AWG–500 kcmil (25–240 mm <sup>2</sup> ):<br><b>375 (42.4)</b><br>Al: 4 AWG–500 kcmil:<br><b>375 (42.4)</b> | <b>Line</b><br>Cu: 4 AWG–500 kcmil (25–240 mm <sup>2</sup> ):<br><b>375 (42.4)</b><br>Al: 4 AWG–500 kcmil:<br><b>375 (42.4)</b>  | <b>Line</b><br>Cu: 4 AWG–500 kcmil (25–240 mm <sup>2</sup> ):<br><b>375 (42.4)</b>  |
|   | <b>Load</b><br>Cu: 4 AWG–500 kcmil (25–240 mm <sup>2</sup> ):<br><b>375 (42.4)</b><br>Al: 4 AWG–500 kcmil:<br><b>375 (42.4)</b> | <b>Load</b><br>Cu: 6–2/0 AWG (16–50 mm <sup>2</sup> ):<br><b>120 (13.6)</b><br>Cu: 8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>Cu: 14–10 AWG (2.5–6):<br><b>35 (4.0)</b><br>Al: 6–2/0 AWG:<br><b>120 (13.6)</b> | <b>Load</b><br>Cu: 6–2/0 AWG (16–50 mm <sup>2</sup> ):<br><b>120 (13.6)</b><br>Cu: 8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>Cu: 14–10 AWG (2.5–6):<br><b>35 (4.0)</b>                   |
| <b>Wire Strip Length in. (mm)</b>   | Line: 1-1/2 (38); Load 1-1/2 (38)   | Line: 1-3/8 (35); Load top: 7/8 (22); Load bottom: 1-3/8 (35)  |   |
| <b>Terminal Screw Drive, Line Side</b>  | 8 mm Hex  | 8 mm Hex   | 8 mm Hex  |
| <b>Terminal Screw Drive, Load Side</b>  | 8 mm Hex  | 5 mm Hex   | 5 mm Hex  |
| <b>Lug Material</b>   | Tin Plated Aluminum   | Tin Plated Aluminum  | Tin Plated Copper   |
| <b>Base Material</b>  | Thermoplastic   | Thermoplastic  | Thermoplastic   |
| <b>Terminal Set Screw Material</b>  | Tin Plated Aluminum   | Tin Plated Aluminum  | Line Side: Tin Plated Aluminum<br>Load Side: Nickel Plated Steel  |
| <b>Connector Mounting Screw</b>   | Zinc Plated Steel   | Zinc Plated Steel  | Zinc Plated Steel   |
| <b>Temperature Rating</b>   | -40 to 257 °F (-40 to 125 °C)   | -40 to 257 °F (-40 to 125 °C)  | -40 to 257 °F (-40 to 125 °C)   |
| <b>Certifications</b>   |  UL E323110 QPQS                             |  CSA File 70361 Class 6228-01   |  RoHS Compliant  Marked |
| <b>Flammability Rating</b>  | UL94V-0   | UL94V-0  | UL94V-0   |
| <b>Block Catalog Number</b>   | NSYEBAP27622  | NSYEBAP27628   | NSYEBAP27628  |
| <b>Terminal Plug</b> (for plugging unused openings. See page 4 for photograph.)   | NSYEBP500 (500 kcmil)   | NSYEBP500 (500 kcmil)  | NSYEBP500 (500 kcmil)   |
| <b>Block Dimensions</b><br><b>(D) x (H) x (W)</b>   | 4.63 x 3.35 x 2.54 in.<br>(117.5 x 85.1 x 64.6 mm)  | 4.63 x 3.35 x 2.54 in.<br>(117.5 x 85.1 x 64.6 mm)   | 4.63 x 3.35 x 2.54 in.<br>(117.5 x 85.1 x 64.6 mm)  |









# Terminal Blocks

## 9080LBA Power Distribution Blocks Copper or Aluminum Wire

| Class 9080   | Miniature  |  | Standard  |   |
|--|--|--|---|---|
|  |   |   |    |    |
| <b>Maximum Voltage Rating</b>  | 600  | 600  | 600   | 600   |
| <b>Service Class</b>   | C  | C  | C   | C   |
| <b>Current Rating, Cu Wire</b>   | 115 A  | 115 A  | 175 A   | 175 A   |
| <b>Current Rating, Al Wire</b>   | 90 A   | 90 A   | 135 A   | 135 A   |
| <b>SCCR w/ Circuit Breakers</b>  | See page 30.   | See page 30.   | N/A   | See page 30.  |
| <b>SCCR with Fuses</b>   | See page 32.   | See page 32.   | See page 32.  | See page 32.  |
| <b>Wire Range</b><br>Limited to wire class. See "Wire Classes-9080LB Open Power Distribution Blocks" beginning on page 40.<br><b>Lugs Suitable for Use with 75 °C Conductors</b> | <b>Main</b><br>(1) 14–2 AWG (2.5–35 mm <sup>2</sup> )<br><b>Branch</b><br>(1) 14–2 AWG (2.5–35 mm <sup>2</sup> )   | <b>Main</b><br>(1) 14–2 AWG (2.5–35 mm <sup>2</sup> )<br><b>Branch</b><br>(4) 18–10 AWG (1.0–6 mm <sup>2</sup> )   | <b>Main</b><br>(1) 14–2/0 AWG (2.5–70 mm <sup>2</sup> )<br><b>Branch</b><br>(1) 14–2/0 AWG (2.5–70 mm <sup>2</sup> )  | <b>Main</b><br>(1) 14–2/0 AWG (2.5–70 mm <sup>2</sup> )<br><b>Branch</b><br>(4) 14–4 AWG (2.5–16 mm <sup>2</sup> )  |
| <b>Tightening Torque lb-in (N·m)</b>   | <b>Main</b><br>3–2 AWG (35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>6–4 AWG (16–25 mm <sup>2</sup> ): <b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b><br><b>Branch</b><br>3–2 AWG (35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>6–4 AWG (16–25 mm <sup>2</sup> ): <b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b> | <b>Main</b><br>3–2 AWG (35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>6–4 AWG (16–25 mm <sup>2</sup> ): <b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b><br><b>Branch</b><br>18–10 AWG (1.0–6 mm <sup>2</sup> ): <b>7 (0.8)</b> | <b>Main</b><br>6–2/0 AWG (16–70 mm <sup>2</sup> ): <b>120 (13.5)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b><br><b>Branch</b><br>6–2/0 AWG (16–70 mm <sup>2</sup> ): <b>120 (13.5)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>4–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b> | <b>Main</b><br>6–2/0 AWG (16–70 mm <sup>2</sup> ): <b>120 (13.5)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b><br><b>Branch</b><br>14–4 AWG (2.5–16 mm <sup>2</sup> ): <b>35 (4.0)</b> |
| <b>Lug Material</b>  | Tin Plated High Conductive Al  | Tin Plated High Conductive Al  | Tin Plated High Conductive Al   | Tin Plated High Conductive Al   |
| <b>Base Material</b>   | High Impact Thermoplastic  | High Impact Thermoplastic  | General Purpose Phenolic  | General Purpose Phenolic  |
| <b>Temperature Rating</b>  | -40 to +266 °F (-40 to +130 °C)  |  | -40 to +302 °F (-40 to +150 °C)   |   |
| <b>Certifications</b>  |  File E60616 Guide XCFR2  |  File 70361 Class 6228-01   |  RoHS Compliant  |  Marked  |
| <b>Flammability Rating</b>   | UL94V-0  | UL94V-0  | UL94V-0   | UL94V-0   |
| <b>One Pole Blocks</b>   |  |  |   |   |
| <b>Block Catalog Number</b>  | 9080LBA161101  | 9080LBA161104  | 9080LBA162101   | 9080LBA162104   |
| <b>Clear Plastic Covers</b>  | 9080LB11   | 9080LB11   | 9080LB21  | 9080LB21  |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 1.62 x 2.29 x 0.85 in.<br>(41.20 x 58.1 x 21.46 mm)  | 1.62 x 2.29 x 0.85 in.<br>(41.20 x 58.1 x 21.46 mm)  | 1.78 x 2.88 x 1.13 in.<br>(45.2 x 73.0 x 28.5 mm)   | 1.78 x 2.88 x 1.13 in.<br>(45.2 x 73.0 x 28.5 mm)   |
| <b>Two Pole Blocks</b>   |  |  |   |   |
| <b>Block Catalog Number</b>  | N/A  | 9080LBA261104  | 9080LBA262101   | 9080LBA262104   |
| <b>Clear Plastic Covers</b>  | N/A  | 9080LB12   | 9080LB22  | 9080LB22  |
| <b>Block Dimensions (D) x (H) x (W)</b>  | N/A  | 1.62 x 2.29 x 1.48 in.<br>(41.20 x 58.1 x 37.59 mm)  | 1.78 x 2.88 x 1.94 in.<br>(45.2 x 73.0 x 49.2 mm)   | 1.78 x 2.88 x 1.94 in.<br>(45.2 x 73.0 x 49.2 mm)   |
| <b>Three Pole Blocks</b>   |  |  |   |   |
| <b>Block Catalog Number</b>  | 9080LBA361101  | 9080LBA361104  | 9080LBA362101   | 9080LBA362104   |
| <b>Clear Plastic Covers</b>  | 9080LB13   | 9080LB13   | 9080LB23  | 9080LB23  |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 1.62 x 2.29 x 2.12 in.<br>(41.20 x 58.1 x 53.72 mm)  | 1.62 x 2.29 x 2.12 in.<br>(41.20 x 58.1 x 53.72 mm)  | 1.78 x 2.88 x 2.75 in.<br>(45.2 x 73.0 x 69.9 mm)   | 1.78 x 2.88 x 2.75 in.<br>(45.2 x 73.0 x 69.9 mm)   |









## Terminal Blocks

### 9080LBA Power Distribution Blocks Copper or Aluminum Wire

| Class 9080   | Standard   |  |  |   |
|--|--|--|--|---|
|  |   |   |   |    |
| <b>Maximum Voltage Rating</b>  | 600  | 600  | 600  | 600   |
| <b>Service Class</b>   | C  | C  | C  | C   |
| <b>Current Rating, Cu Wire</b>   | 310 A  | 335 A  | 335 A  | 350 A   |
| <b>Current Rating, Al Wire</b>   | 250 A  | 270 A  | 270 A  | 270 A   |
| <b>SCCR w/Circuit Breakers</b>   | N/A  | See page 30.   | See page 30.   | See page 30.  |
| <b>SCCR with Fuses</b>   | N/A  | See page 32.   | See page 32.   | See page 32.  |
| <b>Wire Range</b><br>Limited to wire class. See "Wire Classes-9080LB Open Power Distribution Blocks" beginning on page 40.<br><b>Lugs Suitable for Use with 75 °C Conductors</b> | <b>Main</b><br>(1) #6-350 MCM (16-150 mm <sup>2</sup> )<br><b>Branch</b><br>(1) #6-350 MCM (16-150 mm <sup>2</sup> )                                     | <b>Main</b><br>(1) #6-400 MCM (16-185 mm <sup>2</sup> )<br><b>Branch</b><br>(4) 14-2 AWG (2.5-25 mm <sup>2</sup> )   | <b>Main</b><br>(1) #6-500 MCM (16-240 mm <sup>2</sup> )<br><b>Branch</b><br>(6) 14-2 AWG (2.5-25 mm <sup>2</sup> )   | <b>Main</b><br>(2) #14-2/0 AWG (2.5-50 mm <sup>2</sup> )<br><b>Branch</b><br>(6) 14-4 AWG (2.5-16 mm <sup>2</sup> )   |
| <b>Tightening Torque lb-in (N·m)</b>   | <b>Main</b><br>#6-350 MCM (16-150 mm <sup>2</sup> ):<br><b>275 (31.0)</b><br><b>Branch</b><br>#6-350 MCM (16-150 mm <sup>2</sup> ):<br><b>275 (31.0)</b> | <b>Main</b><br>#6-400 MCM (16-185 mm <sup>2</sup> ):<br><b>275 (31.0)</b><br><b>Branch</b><br>3-2 AWG (35 mm <sup>2</sup> ):<br><b>50 (5.6)</b><br>6-4 AWG (16-25 mm <sup>2</sup> ):<br><b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>#6-400 MCM (16-185 mm <sup>2</sup> ):<br><b>275 (31.0)</b><br><b>Branch</b><br>3-2 AWG (35 mm <sup>2</sup> ):<br><b>50 (5.6)</b><br>6-4 AWG (10-25 mm <sup>2</sup> ):<br><b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>6-2/0 AWG (16-50 mm <sup>2</sup> ):<br><b>120 (13.5)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b><br><b>Branch</b><br>14-4 AWG (2.5-16 mm <sup>2</sup> ):<br><b>35 (4.0)</b> |
| <b>Lug Material</b>  | Tin Plated High Conductive Al  | Tin Plated High Conductive Al  | Tin Plated High Conductive Al  | Tin Plated High Conductive Al   |
| <b>Base Material</b>   | General Purpose Phenolic   | General Purpose Phenolic   | General Purpose Phenolic   | General Purpose Phenolic  |
| <b>Temperature Rating</b>  | -40 to +302 °F<br>-40 to +150 °C   | -40 to +302 °F<br>(-40 to +150 °C)   | -40 to +302 °F<br>(-40 to +150 °C)   | -40 to +302 °F<br>(-40 to +150 °C)  |
| <b>Certifications</b>  |  File E60616 Guide XCFR2  |  File 70361 Class 6228-01   |  RoHS Compliant   |  Marked  |
| <b>Flammability Rating</b>   | UL94V-0  | UL94V-0  | UL94V-0  | UL94V-0   |
| <b>One Pole Blocks</b>   |  |  |  |   |
| <b>Block Catalog Number</b>  | 9080LBA163101  | 9080LBA163104  | 9080LBA163106  | 9080LBA163206   |
| <b>Clear Plastic Covers</b>  | 9080LB31   | 9080LB31   | 9080LB31   | 9080LB31  |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 2.61 x 4.00 x 1.92 in.<br>(66.2 x 102.0 x 48.7 mm)   | 2.61 x 4.00 x 1.92 in.<br>(66.2 x 102.0 x 48.7 mm)   | 2.61 x 4.00 x 1.92 in.<br>(66.2 x 102.0 x 48.7 mm)   | 2.61 x 4.00 x 1.92 in.<br>(66.2 x 102.0 x 48.7 mm)  |
| <b>Two Pole Blocks</b>   |  |  |  |   |
| <b>Block Catalog Number</b>  | 9080LBA263101  | 9080LBA263104  | 9080LBA263106  | 9080LBA263206   |
| <b>Clear Plastic Covers</b>  | 9080LB32   | 9080LB32   | 9080LB32   | 9080LB32  |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 2.61 x 4.00 x 3.47 in.<br>(66.2 x 102.0 x 88.1 mm)   | 2.61 x 4.00 x 3.47 in.<br>(66.2 x 102.0 x 88.1 mm)   | 2.61 x 4.00 x 3.47 in.<br>(66.2 x 102.0 x 88.1 mm)   | 2.61 x 4.00 x 3.47 in.<br>(66.2 x 102.0 x 88.1 mm)  |
| <b>Three Pole Blocks</b>   |  |  |  |   |
| <b>Block Catalog Number</b>  | 9080LBA363101  | 9080LBA363104  | 9080LBA363106  | 9080LBA363206   |
| <b>Clear Plastic Covers</b>  | 9080LB33   | 9080LB33   | 9080LB33   | 9080LB33  |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 2.61 x 4.00 x 5.00 in.<br>(66.2 x 102.0 x 127.0 mm)  | 2.61 x 4.00 x 5.00 in.<br>(66.2 x 102.0 x 127.0 mm)  | 2.61 x 4.00 x 5.00 in.<br>(66.2 x 102.0 x 127.0 mm)  | 2.61 x 4.00 x 5.00 in.<br>(66.2 x 102.0 x 127.0 mm)   |









# Terminal Blocks

## 9080LBA Power Distribution Blocks Copper or Aluminum Wire

| Class 9080   | Standard   |  |   |  |
|--|--|--|---|--|
|  |   |   |   |   |
| <b>Maximum Voltage Rating</b>  | 600  | 600  | 600   | 600  |
| <b>Service Class</b>   | C  | C  | C   | C  |
| <b>Current Rating, Cu Wire</b>   | 420 A  | 335 A  | 380 A   | 380 A  |
| <b>Current Rating, Al Wire</b>   | 340 A  | 270 A  | 310 A   | 310 A  |
| <b>SCCR w/Circuit Breakers</b>   | N/A  | See page 30.   | See page 30.  | See page 30.   |
| <b>SCCR with Fuses</b>   | See page 32.   | See page 32.   | See page 32.  | See page 32.   |
| <b>Wire Range</b><br>Limited to wire class. See "Wire Classes-9080LB Open Power Distribution Blocks" beginning on page 40.<br><b>Lugs Suitable for Use with 75° C Conductors</b> | <b>Main</b><br>(1) #4-600 MCM<br>(25-300 mm <sup>2</sup> )<br><b>Branch</b><br>(1) #4-600 MCM<br>(25-300 mm <sup>2</sup> )                               | <b>Main</b><br>(1) #6-400 MCM<br>(16-185 mm <sup>2</sup> )<br><b>Branch</b><br>(8) 14-2 AWG<br>(2.5-25 mm <sup>2</sup> )   | <b>Main</b><br>(1) #4-500 MCM<br>(25-240 mm <sup>2</sup> )<br><b>Branch</b><br>(6) #14-2/0 AWG<br>(2.5-50 mm <sup>2</sup> )   | <b>Main</b><br>(1) #4-500 MCM<br>(25-240 mm <sup>2</sup> )<br><b>Branch</b><br>(12) 14-2 AWG<br>(2.5-25 mm <sup>2</sup> )  |
| <b>Tightening Torque</b><br>lb-in (N·m)  | <b>Main</b><br>#4-600 MCM (25-300 mm <sup>2</sup> ):<br><b>500 (56.5)</b><br><b>Branch</b><br>#4-600 MCM (25-300 mm <sup>2</sup> ):<br><b>500 (56.5)</b> | <b>Main</b><br>#6-400 MCM (16-185 mm <sup>2</sup> ):<br><b>275 (31.0)</b><br><b>Branch</b><br>3-2 AWG (35 mm <sup>2</sup> ):<br><b>50 (5.6)</b><br>6-4 AWG (16-25 mm <sup>2</sup> ):<br><b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>#4-500 MCM (25-240 mm <sup>2</sup> ):<br><b>375 (42.3)</b><br><b>Branch</b><br>6-2/0 AWG (16-50 mm <sup>2</sup> ):<br><b>120 (13.5)</b><br>8 (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>#4-500 MCM (25-240 mm <sup>2</sup> ):<br><b>375 (42.3)</b><br><b>Branch</b><br>3-2 AWG (35 mm <sup>2</sup> ):<br><b>50 (5.6)</b><br>6-4 AWG (16-25 mm <sup>2</sup> ):<br><b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b> |
| <b>Lug Material</b>  | Tin Plated High Conductive Al  | Tin Plated High Conductive Al  | Tin Plated High Conductive Al   | Tin Plated High Conductive Al  |
| <b>Base Material</b>   | General Purpose Phenolic   | General Purpose Phenolic   | General Purpose Phenolic  | General Purpose Phenolic   |
| <b>Temperature Rating</b>  | -40 to +302 °F<br>(-40 to +150 °C)   | -40 to +302 °F<br>(-40 to +150 °C)   | -40 to +302 °F<br>(-40 to +150 °C)  | -40 to +302 °F<br>(-40 to +150 °C)   |
| <b>Certifications</b>  |  File E60616 Guide XCFR2  |  File 70361 Class 6228-01   |  RoHS Compliant  |  Marked   |
| <b>Flammability Rating</b>   | UL94V-0  | UL94V-0  | UL94V-0   | UL94V-0  |
| <b>One Pole Blocks</b>   |  |  |   |  |
| <b>Block Catalog Number</b>  | 9080LBA164101  | 9080LBA164108  | 9080LBA165106   | 9080LBA165112  |
| <b>Clear Plastic Covers</b>  | 9080LB41   | 9080LB41   | 9080LB51  | 9080LB51   |
| <b>Block Dimensions</b><br>(D) x (H) x (W)   | 3.16 x 4.75 x 2.25 in.<br>(60.2 x 121.0 x 56.7 mm)   | 3.16 x 4.75 x 2.25 in.<br>(60.2 x 121.0 x 56.7 mm)   | 3.12 x 5.50 x 3.17 in.<br>(79.2 x 140.0 x 80.4 mm)  | 3.12 x 5.50 x 3.17 in.<br>(79.2 x 140.0 x 80.4 mm)   |
| <b>Two Pole Blocks</b>   |  |  |   |  |
| <b>Block Catalog Number</b>  | N/A  | 9080LBA264108  | 9080LBA265106   | 9080LBA265112  |
| <b>Clear Plastic Covers</b>  | N/A  | 9080LB42   | 9080LB52  | 9080LB52   |
| <b>Block Dimensions</b><br>(D) x (H) x (W)   | N/A  | 3.16 x 4.75 x 4.12 in.<br>(60.2 x 121.0 x 105.0 mm)  | 3.12 x 5.50 x 5.88 in.<br>(79.2 x 140.0 x 149.0 mm)   | 3.12 x 5.50 x 5.88 in.<br>(79.2 x 140.0 x 149.0 mm)  |
| <b>Three Pole Blocks</b>   |  |  |   |  |
| <b>Block Catalog Number</b>  | 9080LBA364101  | 9080LBA364108  | 9080LBA365106   | 9080LBA365112  |
| <b>Clear Plastic Covers</b>  | 9080LB43   | 9080LB43   | 9080LB53  | 9080LB53   |
| <b>Block Dimensions</b><br>(D) x (H) x (W)   | 3.16 x 4.75 x 6.00 in.<br>(60.2 x 121.0 x 152.0 mm)  | 3.16 x 4.75 x 6.00 in.<br>(60.2 x 121.0 x 152.0 mm)  | 3.12 x 5.50 x 8.54 in.<br>(79.2 x 140.0 x 217.0 mm)   | 3.12 x 5.50 x 8.54 in.<br>(79.2 x 140.0 x 217.0 mm)  |










## Terminal Blocks

### 9080LBA Power Distribution Blocks Copper or Aluminum Wire

| Class 9080   | Standard   |  |   |  |
|--|--|--|---|--|
|  |   |   |   |   |
| <b>Maximum Voltage Rating</b>  | 600  | 600  | 600   | 600  |
| <b>Service Class</b>   | C  | C  | C   | C  |
| <b>Current Rating, Cu Wire</b>   | 620 A  | 760 A  | 760 A   | 760 A  |
| <b>Current Rating, Al Wire</b>   | 500 A  | 620 A  | 620 A   | 620 A  |
| <b>SCCR w/Circuit Breakers</b>   | N/A  | N/A  | N/A   | N/A  |
| <b>SCCR with Fuses</b>   | See page 32.   | See page 32.   | See page 32.  | See page 32.   |
| <b>Wire Range</b><br>Limited to wire class. See "Wire Classes-9080LB Open Power Distribution Blocks" beginning on page 40.<br><b>Lugs Suitable for Use with 75° C Conductors</b> | <b>Main</b><br>(2) #4-350 MCM (25-150 mm <sup>2</sup> )<br><b>Branch</b><br>(2) #4-350 MCM (25-150 mm <sup>2</sup> )   | <b>Main</b><br>(2) #4-500 MCM (25-240 mm <sup>2</sup> )<br><b>Branch</b><br>(2) #4-500 MCM (25-240 mm <sup>2</sup> )                                     | <b>Main</b><br>(2) #4-500 MCM (25-240 mm <sup>2</sup> )<br><b>Branch</b><br>(8) 14-2/0 AWG (2.5-50 mm <sup>2</sup> )  | <b>Main</b><br>(2) #4-500 MCM (25-240 mm <sup>2</sup> )<br><b>Branch</b><br>(12) 14-4 AWG (2.5-16 mm <sup>2</sup> )                                  |
| <b>Tightening Torque lb-in (N•m)</b>   | <b>Main</b><br>#6-350 MCM (16-150 mm <sup>2</sup> ):<br><b>275 (31.0)</b><br><b>Branch</b><br>#6-350 MCM (16-150 mm <sup>2</sup> ):<br><b>275 (31.0)</b>   | <b>Main</b><br>#4-500 MCM (25-240 mm <sup>2</sup> ):<br><b>375 (42.3)</b><br><b>Branch</b><br>#4-500 MCM (25-240 mm <sup>2</sup> ):<br><b>375 (42.3)</b> | <b>Main</b><br>#4-500 MCM (25-240 mm <sup>2</sup> ):<br><b>375 (42.3)</b><br><b>Branch</b><br>6-2/0 AWG (16-50 mm <sup>2</sup> ):<br><b>120 (13.5)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>#4-500 MCM (25-240 mm <sup>2</sup> ):<br><b>375 (42.3)</b><br><b>Branch</b><br>14-4 AWG (2.5-16 mm <sup>2</sup> ):<br><b>35 (4.0)</b> |
| <b>Lug Material</b>  | Tin Plated High Conductive Al  | Tin Plated High Conductive Al  | Tin Plated High Conductive Al   | Tin Plated High Conductive Al  |
| <b>Base Material</b>   | General Purpose Phenolic   | General Purpose Phenolic   | General Purpose Phenolic  | General Purpose Phenolic   |
| <b>Temperature Rating</b>  | -40 to +302 °F<br>(-40 to +150 °C)   | -40 to +302 °F<br>(-40 to +150 °C)   | -40 to +302 °F<br>(-40 to +150 °C)  | -40 to +302 °F<br>(-40 to +150 °C)   |
| <b>Certifications</b>  |  File E60616 Guide XCFR2  File 70361 Class 6228-01  RoHS Compliant  Marked |  |   |  |
| <b>Flammability Rating</b>   | UL94V-0  | UL94V-0  | UL94V-0   | UL94V-0  |
| <b>One Pole Blocks</b>   |  |  |   |  |
| <b>Block Catalog Number</b>  | 9080LBA165202  | 9080LBA1652021   | 9080LBA165208   | 9080LBA165212  |
| <b>Clear Plastic Covers</b>  | 9080LB51   | 9080LB51   | 9080LB51  | 9080LB51   |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 3.12 x 5.50 x 3.17 in.<br>(79.2 x 140.0 x 80.4 mm)   | 3.12 x 5.50 x 3.17 in.<br>(79.2 x 140.0 x 80.4 mm)   | 3.12 x 5.50 x 3.17 in.<br>(79.2 x 140.0 x 80.4 mm)  | 3.12 x 5.50 x 3.17 in.<br>(79.2 x 140.0 x 80.4 mm)   |
| <b>Two Pole Blocks</b>   |  |  |   |  |
| <b>Block Catalog Number</b>  | 9080LBA265202  | 9080LBA2652021   | 9080LBA265208   | 9080LBA265212  |
| <b>Clear Plastic Covers</b>  | 9080LB52   | 9080LB52   | 9080LB52  | 9080LB52   |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 3.12 x 5.50 x 5.88 in.<br>(79.2 x 140.0 x 149.0 mm)  | 3.12 x 5.50 x 5.88 in.<br>(79.2 x 140.0 x 149.0 mm)  | 3.12 x 5.50 x 5.88 in.<br>(79.2 x 140.0 x 149.0 mm)   | 3.12 x 5.50 x 5.88 in.<br>(79.2 x 140.0 x 149.0 mm)  |
| <b>Three Pole Blocks</b>   |  |  |   |  |
| <b>Block Catalog Number</b>  | 9080LBA365202  | 9080LBA3652021   | 9080LBA365208   | 9080LBA365212  |
| <b>Clear Plastic Covers</b>  | 9080LB53   | 9080LB53   | 9080LB53  | 9080LB53   |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 3.12 x 5.50 x 8.54 in.<br>(79.2 x 140.0 x 217.0 mm)  | 3.12 x 5.50 x 8.54 in.<br>(79.2 x 140.0 x 217.0 mm)  | 3.12 x 5.50 x 8.54 in.<br>(79.2 x 140.0 x 217.0 mm)   | 3.12 x 5.50 x 8.54 in.<br>(79.2 x 140.0 x 217.0 mm)  |









# Terminal Blocks

## 9080LBA and 9080LBC Power Distribution Blocks Copper Wire Only or Aluminum/Copper Wire

| Class 9080   | Standard  |   |   |  |
|--|---|---|---|--|
|  |    |    |    |   |
| <b>Maximum Voltage Rating</b>  | 600   | 600   | 600   | 600  |
| <b>Service Class</b>   | C   | C   | C   | C  |
| <b>Current Rating, Cu Wire</b>   | 175 A   | 150 A   | 175 A   | 255 A  |
| <b>Current Rating, Al Wire</b>   | 135 A   | N/A   | N/A   | N/A  |
| <b>SCCR w/Circuit Breakers</b>   | See page 30.  | See page 30.  | See page 30.  | N/A  |
| <b>SCCR with Fuses</b>   | See page 32.  | N/A   | See page 32.  | N/A  |
| <b>Wire Range</b><br>Limited to wire class. See "Wire Classes-9080LB Open Power Distribution Blocks" beginning on page 40.<br><b>Lugs Suitable for Use with 75° C Conductors</b> | <b>Main</b><br>(1) 14–2/0 AWG (2.5–50 mm <sup>2</sup> )<br><b>Branch</b><br>(6) 14–4 AWG (2.5–16 mm <sup>2</sup> )  | <b>Main</b><br>(1) 18–1/0 AWG (1.0–50 mm <sup>2</sup> )<br><b>Branch</b><br>(1) 18–1/0 AWG (1.0–50 mm <sup>2</sup> )  | <b>Main</b><br>(1) 14–2/0 AWG (2.5–50 mm <sup>2</sup> )<br><b>Branch</b><br>(4) 14–4 AWG (2.5–16 mm <sup>2</sup> )  | <b>Main</b><br>(1) #6–250 MCM (16–120 mm <sup>2</sup> )<br><b>Branch</b><br>(1) #6–250 MCM (16–120 mm <sup>2</sup> )                                     |
| <b>Tightening Torque lb-in (N•m)</b>   | <b>Main</b><br>6–2/0 AWG (16–50 mm <sup>2</sup> ):<br><b>120 (13.5)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ):<br><b>35 (4.0)</b><br><b>Branch</b><br>14–4 AWG (2.5–16 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>3–1/0 AWG (35–50 mm <sup>2</sup> ):<br><b>50 (5.6)</b><br>6–4 AWG (16–25 mm <sup>2</sup> ):<br><b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>18–10 AWG (1.0–6 mm <sup>2</sup> ):<br><b>35 (4.0)</b><br><b>Branch</b><br>3–1/0 AWG (35–50 mm <sup>2</sup> ):<br><b>50 (5.6)</b><br>6–4 AWG (16–25 mm <sup>2</sup> ):<br><b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>18–10 AWG (1.0–6 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>6–2/0 AWG (16–50 mm <sup>2</sup> ):<br><b>120 (13.5)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ):<br><b>35 (4.0)</b><br><b>Branch</b><br>14–4 AWG (2.5–16 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>#6–250 MCM (16–120 mm <sup>2</sup> ):<br><b>375 (42.3)</b><br><b>Branch</b><br>#6–250 MCM (16–120 mm <sup>2</sup> ):<br><b>375 (42.3)</b> |
| <b>Lug Material</b>  | Tin Plated High Conductive Al   | Tin Plated High Conductive Cu   | Tin Plated High Conductive Cu   | Tin Plated High Conductive Cu  |
| <b>Base Material</b>   | General Purpose Phenolic  | General Purpose Phenolic  | General Purpose Phenolic  | General Purpose Phenolic   |
| <b>Temperature Rating</b>  | -40 to +302 °F (-40 to +150 °C)   |   | -40 to +302 °F (-40 to +150 °C)   |  |
| <b>Certifications</b>  |  File E60616 Guide XCFR2   |  File 70361 Class 6228-01  |  RoHS Compliant  |  Marked   |
| <b>Flammability Rating</b>   | UL94V-0   | UL94V-0   | UL94V-0   | UL94V-0  |
| <b>One Pole Blocks</b>   |   |   |   |  |
| <b>Block Catalog Number</b>  | N/A   | 9080LBC162101   | 9080LBC162104   | 9080LBC163101  |
| <b>Clear Plastic Covers</b>  | N/A   | 9080LB21  | 9080LB21  | 9080LB31   |
| <b>Block Dimensions (D) x (H) x (W)</b>  | N/A   | 1.78 x 2.88 x 1.13 in.<br>(45.2 x 73.0 x 28.5 mm)   | 1.78 x 2.88 x 1.13 in.<br>(45.2 x 73.0 x 28.5 mm)   | 2.61 x 4.00 x 1.92 in.<br>(66.2 x 102.0 x 48.7 mm)   |
| <b>Two Pole Blocks</b>   |   |   |   |  |
| <b>Block Catalog Number</b>  | N/A   | N/A   | 9080LBC262104   | N/A  |
| <b>Clear Plastic Covers</b>  | N/A   | N/A   | 9080LB22  | N/A  |
| <b>Block Dimensions (D) x (H) x (W)</b>  | N/A   | N/A   | 1.78 x 2.88 x 1.94 in.<br>(45.2 x 73.2 x 49.3 mm)   | N/A  |
| <b>Three Pole Blocks</b>   |   |   |   |  |
| <b>Block Catalog Number</b>  | 9080LBA362106   | 9080LBC362101   | 9080LBC362104   | 9080LBC363101  |
| <b>Clear Plastic Covers</b>  | N/A   | 9080LB23  | 9080LB23  | 9080LB33   |
| <b>Block Dimensions (D) x (H) x (W)</b>  | 2.10 x 2.90 x 5.37 in.<br>(53.4 x 73.7 x 136.4 mm)  | 1.78 x 2.88 x 2.75 in.<br>(45.2 x 73.0 x 69.9 mm)   | 1.78 x 2.88 x 2.75 in.<br>(45.2 x 73.0 x 69.9 mm)   | 2.61 x 4.00 x 5.00 in.<br>(66.2 x 102.0 x 127.0 mm)  |
| <br><b>DIN 3 (35 mm) Track Adapter</b>  | 9080FBDIN3  | N/A   | N/A   | N/A  |

## Terminal Blocks

### 9080LBC Power Distribution Blocks Copper Wire Only

| Class 9080   | Standard   |   |   |  |
|--|--|---|---|--|
|  |   |    |   |   |
| <b>Maximum Voltage Rating</b>  | 600  | 600   | 600   | 600  |
| <b>Service Class</b>   | C  | C   | C   | C  |
| <b>Current Rating, Cu Wire</b>   | 380 A  | 350 A   | 760 A   | 760 A  |
| <b>Current Rating, Al Wire</b>   | N/A  | N/A   | N/A   | N/A  |
| <b>SCCR w/Circuit Breakers</b>   | N/A  | See page 30.  | N/A   | N/A  |
| <b>SCCR with Fuses</b>   | See page 32.   | See page 32.  | See page 32.  | See page 32.   |
| <b>Wire Range</b><br>Limited to wire class. See "Wire Classes-9080LB Open Power Distribution Blocks" beginning on page 40.<br><b>Lugs Suitable for Use with 75° C Conductors</b> | <b>Main</b><br>(1) #4-500 MCM (25-240 mm <sup>2</sup> )<br><b>Branch</b><br>(6) 14-2 AWG (2.5-25 mm <sup>2</sup> )   | <b>Main</b><br>(2) 14-2/0 AWG (2.5-50 mm <sup>2</sup> )<br><b>Branch</b><br>(6) 14-4 AWG (2.5-16 mm <sup>2</sup> )  | <b>Main</b><br>(2) #4-500 MCM (25-240 mm <sup>2</sup> )<br><b>Branch</b><br>(8) 14-2/0 AWG (2.5-50 mm <sup>2</sup> )  | <b>Main</b><br>(2) #4-500 MCM (25-240 mm <sup>2</sup> )<br><b>Branch</b><br>(12) 14-2 AWG (2.5-25 mm <sup>2</sup> )  |
| <b>Tightening Torque</b><br>lb-in (N•m)  | <b>Main</b><br>#4-500 MCM (25-240 mm <sup>2</sup> ):<br><b>375 (42.3)</b><br><b>Branch</b><br>3-2 AWG (35 mm <sup>2</sup> ):<br><b>50 (5.6)</b><br>6-4 AWG (16-25 mm <sup>2</sup> ):<br><b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b>   | <b>Main</b><br>6-2/0 AWG (16-50 mm <sup>2</sup> ):<br><b>120 (13.5)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b><br><b>Branch</b><br>14-4 AWG (2.5-16 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>#4-500 MCM (25-240 mm <sup>2</sup> ):<br><b>375 (42.3)</b><br><b>Branch</b><br>6-2/0 AWG (16-50 mm <sup>2</sup> ):<br><b>120 (13.5)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b> | <b>Main</b><br>#4-500 MCM (25-240 mm <sup>2</sup> ):<br><b>375 (42.3)</b><br><b>Branch</b><br>3-2 AWG (35 mm <sup>2</sup> ):<br><b>50 (5.6)</b><br>6-4 AWG (16-25 mm <sup>2</sup> ):<br><b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ):<br><b>40 (4.5)</b><br>14-10 AWG (2.5-6 mm <sup>2</sup> ):<br><b>35 (4.0)</b> |
| <b>Lug Material</b>  | Tin Plated High Conductive Cu  | Tin Plated High Conductive Cu   | Tin Plated High Conductive Cu   | Tin Plated High Conductive Cu  |
| <b>Base Material</b>   | General Purpose Phenolic   | General Purpose Phenolic  | General Purpose Phenolic  | General Purpose Phenolic   |
| <b>Temperature Rating</b>  | -40 to +302 °F<br>(-40 to +150 °C)   | -40 to +302 °F<br>(-40 to +150 °C)  | -40 to +302 °F<br>(-40 to +150 °C)  | -40 to +302 °F<br>(-40 to +150 °C)   |
| <b>Certifications</b>  |  File E60616 Guide XCFR2  File 70361 Class 6228-01  RoHS Compliant  Marked |   |   |  |
| <b>Flammability Rating</b>   | UL94V-0  | UL94V-0   | UL94V-0   | UL94V-0  |
| <b>One Pole Blocks</b>   |  |   |   |  |
| <b>Block Catalog Number</b>  | 9080LBC163106  | 9080LBC163206   | 9080LBC165208   | 9080LBC165212  |
| <b>Clear Plastic Covers</b>  | 9080LB31   | 9080LB31  | 9080LB51  | 9080LB51   |
| <b>Block Dimensions</b><br>(D) x (H) x (W)   | 2.61 x 4.00 x 1.92 in.<br>(66.2 x 102.0 x 48.7 mm)   | 2.61 x 4.00 x 1.92 in.<br>(66.2 x 102.0 x 48.7 mm)  | 3.12 x 5.50 x 3.17 in.<br>(79.2 x 140.0 x 80.5 mm)  | 3.12 x 5.50 x 3.17 in.<br>(79.2 x 140.0 x 80.5 mm)   |
| <b>Two Pole Blocks</b>   |  |   |   |  |
| <b>Block Catalog Number</b>  | 9080LBC263106  | 9080LBC263206   | N/A   | N/A  |
| <b>Clear Plastic Covers</b>  | 9080LB32   | 9080LB32  | N/A   | N/A  |
| <b>Block Dimensions</b><br>(D) x (H) x (W)   | 2.61 x 4.00 x 3.47 in.<br>(66.2 x 102.0 x 88.1 mm)   | 2.61 x 4.00 x 3.47 in.<br>(66.2 x 102.0 x 88.1 mm)  | N/A   | N/A  |
| <b>Three Pole Blocks</b>   |  |   |   |  |
| <b>Block Catalog Number</b>  | 9080LBC363106  | 9080LBC363206   | 9080LBC365208   | 9080LBC365212  |
| <b>Clear Plastic Covers</b>  | N/A  | 9080LB33  | 9080LB53  | 9080LB53   |
| <b>Block Dimensions</b><br>(D) x (H) x (W)   | 2.61 x 4.00 x 5.00 in.<br>(66.2 x 102.0 x 127.0 mm)  | 2.61 x 4.00 x 5.00 in.<br>(66.2 x 102.0 x 127.0 mm)   | 3.12 x 5.50 x 8.54 in.<br>(79.2 x 140.0 x 217.0 mm)   | 3.12 x 5.50 x 8.54 in.<br>(79.2 x 140.0 x 217.0 mm)  |


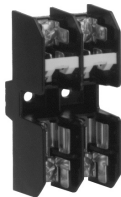









# Terminal Blocks

## 9080FB Fuseholders 30 A Rated

| Class 9080  | Class H Fuses  |   | Class R Fuses   |   |
|---|--|---|---|---|
|   |   |  |  |  |
| <b>Maximum Voltage Rating</b>   | 250  | 600   | 250   | 600   |
| <b>Wire Range</b><br><b>Lugs Suitable for Use with 75° C Conductors</b>   | 14–10 AWG (2.5-4 mm <sup>2</sup> )   | 14–10 AWG (2.5-4 mm <sup>2</sup> )  | 14–10 AWG (2.5-4 mm <sup>2</sup> )  | 14–10 AWG (2.5-4 mm <sup>2</sup> )  |
| <b>Wire Type</b>  | Solid or Stranded Copper Wire  | Solid or Stranded Copper Wire   | Solid or Stranded Copper Wire   | Solid or Stranded Copper Wire   |
| <b>Lug Termination</b>  | Pressure Wire Connector  | Pressure Wire Connector   | Pressure Wire Connector   | Pressure Wire Connector   |
| <b>Clip Material</b>  | Copper Alloy Tin Plated  | Copper Alloy Tin Plated   | Copper Alloy Tin Plated   | Copper Alloy Tin Plated   |
| <b>Clip Type</b>  | Reinforced   | Reinforced  | Reinforced  | Reinforced  |
| <b>Base Material</b>  | High Impact Thermoplastic  | General Purpose Phenolic  | High Impact Thermoplastic   | General Purpose Phenolic  |
| <b>Tightening Torque lb-in (N·m)</b>  | 25 (2.8)   | 25 (2.8)  | 25 (2.8)  | 25 (2.8)  |
| <b>Temperature Rating</b>   | -40 to +257 °F (-40 to +125 °C)  | -40 to +302 °F (-40 to +150 °C)   | -40 to +257 °F (-40 to +125 °C)   | -40 to +302 °F (-40 to +150 °C)   |
| <b>Fuse Size (Dia. x Length)</b>  | 9/16" x 2"   | 13/16" x 5"   | 9/16" x 2"  | 13/16" x 5"   |
| <b>AIC Rating in accordance with UL512</b>  | 10,000   | 10,000  | 200,000   | 200,000   |
| <b>Certifications</b>   |  File E40747 Guide IZLT  File 70360/ Class 6225-01  RoHS Compliant  Marked |   |   |   |
| <b>Flammability Rating</b>  | UL94V-0  | UL94V-0   | UL94V-0   | UL94V-0   |
| <b>One Pole Blocks</b>  |  |   |   |   |
| <b>Catalog Number</b>   | 9080FB1211   | N/A   | 9080FB1211R   | N/A   |
| <b>Dimensions (D) x (H) x (W)</b>   | 1.38 x 3.00 x 1.12 in.<br>(35.1 x 76.2 x 28.4 mm)  | 1.69 x 6.25 x 1.63 in.<br>(42.9 x 159.0 x 41.4 mm)                                | 1.38 x 3.00 x 1.12 in.<br>(35.1 x 76.2 x 28.4 mm)                                   | N/A   |
| <b>Two Pole Blocks</b>  |  |   |   |   |
| <b>Catalog Number</b>   | 9080FB2211   | 9080FB2611  | 9080FB2211R   | N/A   |
| <b>Dimensions (D) x (H) x (W)</b>   | 1.38 x 3.00 x 1.91 in.<br>(35.1 x 76.2 x 48.5 mm)  | 1.69 x 6.25 x 2.94 in.<br>(42.9 x 159.0 x 74.7 mm)                                | 1.38 x 3.00 x 1.91 in.<br>(35.1 x 76.2 x 48.5 mm)                                   | N/A   |
| <b>Three Pole Blocks</b>  |  |   |   |   |
| <b>Catalog Number</b>   | 9080FB3211   | 9080FB3611  | 9080FB3211R   | 9080FB3611R   |
| <b>Dimensions (D) x (H) x (W)</b>   | 1.38 x 3.00 x 2.95 in.<br>(35.1 x 76.2 x 74.9 mm)  | 1.69 x 6.25 x 4.25 in.<br>(42.9 x 159.0 x 108.0 mm)                               | 1.38 x 3.00 x 2.95 in.<br>(35.1 x 76.2 x 74.9 mm)                                   | 1.69 x 6.25 x 4.25 in.<br>(42.9 x 159.0 x 108.0 mm)                                 |
| <br><b>DIN 3 (35 mm) Track Adapter</b> | 9080FBDIN3   | N/A   | 9080FBDIN3  | N/A   |



## Terminal Blocks 9080FB Fuseholders 30 A Rated

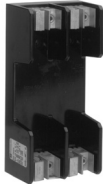
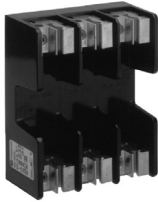
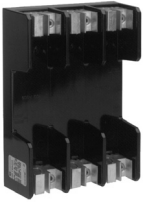




| Class 9080  | Class M Fuses   | Class CC Fuses   |
|---|---|--|
|   |   |   |
| <b>Maximum Voltage Rating</b>   | 600   | 600  |
| <b>Wire Range</b><br><b>Lugs Suitable for Use with</b><br><b>75° C Conductors</b>   | 14–10 AWG (2.5–4 mm <sup>2</sup> )  | 14–10 AWG (2.5–4 mm <sup>2</sup> )   |
| <b>Wire Type</b>  | Solid or Stranded Copper Wire   | Solid or Stranded Copper Wire  |
| <b>Lug Termination</b>  | Pressure Wire Connector   | Pressure Wire Connector  |
| <b>Clip Material</b>  | Copper Alloy Tin Plated   | Copper Alloy Tin Plated  |
| <b>Clip Type</b>  | Standard  | Standard   |
| <b>Base Material</b>  | High Impact Thermoplastic   | High Impact Thermoplastic  |
| <b>Tightening Torque</b><br><b>lb-in (N•m)</b>                                      | 25 (2.8)  | 25 (2.8)   |
| <b>Temperature Rating</b>   | -40 to +257 °F<br>(-40 to +125 °C)  | -40 to +257 °F<br>(-40 to +125 °C)   |
| <b>Fuse Size (Dia. x Length)</b>  | 13/32" x 1 1/2"   | 13/32" x 1 1/2"  |
| <b>AIC Rating in accordance</b><br><b>with UL512</b>                                | 100,000   | 200,000  |
| <b>Certifications</b>   |  File E40747 / Guide IZLT2<br> File 70360 Class 6225-01<br> RoHS Compliant<br> CE Marked |  File E40747 / Guide IZLT<br> File 70360 Class 6225-01<br> RoHS Compliant<br> CE Marked |
| <b>Flammability Rating</b>  | UL94V-0   | UL94V-0  |
| <b>One Pole Blocks</b>  |   |  |
| <b>Catalog Number</b>   | 9080FB1611M   | 9080FB1611CC   |
| <b>Dimensions (D) x (H) x (W)</b>   | 1.29 x 3.13 x 0.85 in.<br>(32.8 x 79.5 x 21.6 mm)   | 1.29 x 3.13 x 0.85 in.<br>(32.8 x 79.5 x 21.6 mm)  |
| <b>Two Pole Blocks</b>  |   |  |
| <b>Catalog Number</b>   | 9080FB2611M   | 9080FB2611CC   |
| <b>Dimensions (D) x (H) x (W)</b>   | 1.29 x 3.13 x 1.60 in.<br>(32.8 x 79.5 x 40.6 mm)   | 1.29 x 3.13 x 1.60 in.<br>(32.8 x 79.5 x 40.6 mm)  |
| <b>Three Pole Blocks</b>  |   |  |
| <b>Catalog Number</b>   | 9080FB3611M   | 9080FB3611CC   |
| <b>Dimensions (D) x (H) x (W)</b>   | 1.29 x 3.13 x 2.35 in.<br>(32.8 x 79.5 x 59.7 mm)   | 1.29 x 3.13 x 2.35 in.<br>(32.8 x 79.5 x 59.7 mm)  |
|  | 9080FBDIN3  | 9080FBDIN3   |
| <b>DIN 3 (35 mm) Track Adapter</b>  |   |  |

# Terminal Blocks

## 9080FB Fuseholders 60 A Rated

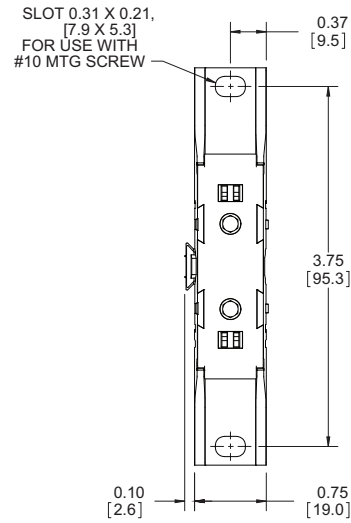
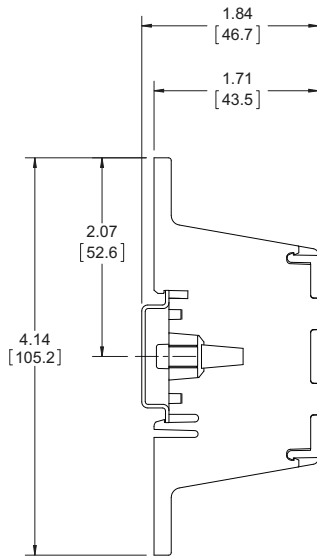
| Class 9080  | Class R Fuses   |   | Class J Fuses   |
|---|---|---|---|
|   |    |   |    |
| <b>Maximum Voltage Rating</b>   | 250   | 600   | 600   |
| <b>Wire Range</b><br><b>Lugs Suitable for Use with 75° C Conductors</b> | 14–2 AWG (2.5–25 mm <sup>2</sup> )  | 14–2 AWG (2.5–25 mm <sup>2</sup> )  | 14–2 AWG (2.5–25 mm <sup>2</sup> )  |
| <b>Wire Type</b>  | Solid or Stranded Copper or Aluminum Wire   | Solid or Stranded Copper or Aluminum Wire   | Solid or Stranded Copper or Aluminum Wire   |
| <b>Lug Termination</b>  | Box Lug Connector   | Box Lug Connector   | Box Lug Connector   |
| <b>Clip Material</b>  | Copper Alloy<br>Tin Plated  | Copper Alloy<br>Tin Plated  | Copper Alloy<br>Tin Plated  |
| <b>Clip Type</b>  | Reinforced  | Reinforced  | Reinforced  |
| <b>Base Material</b>  | High Impact Thermoplastic   | General Purpose Phenolic  | High Impact Thermoplastic   |
| <b>Tightening Torque lb-in (N•m)</b>                                    | 3–2 AWG (25–35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>6–4 AWG (16–25 mm <sup>2</sup> ): <b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b> | 3–2 AWG (25–35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>6–4 AWG (16–25 mm <sup>2</sup> ): <b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b> | 3–2 AWG (25–35 mm <sup>2</sup> ): <b>50 (5.6)</b><br>6–4 AWG (16–25 mm <sup>2</sup> ): <b>45 (5.1)</b><br>8 AWG (10 mm <sup>2</sup> ): <b>40 (4.5)</b><br>14–10 AWG (2.5–6 mm <sup>2</sup> ): <b>35 (4.0)</b> |
| <b>Temperature Rating</b>   | -40 to +257 °F<br>(-40 to +125 °C)  | -40 to +302 °F<br>(-40 to +150 °C)  | -40 to +257 °F<br>(-40 to +125 °C)  |
| <b>Fuse Size (Dia. x Length)</b>  | 13/16" x 3"   | 1 1/16" x 5 1/2"  | 1 1/16" x 2 3/8"  |
| <b>AIC Rating in accordance with UL512</b>                              | 200,000   | 200,000   | 200,000   |
| <b>Certifications</b>   |  File E40747 Guide IZLT  |  File 70360 Class 6225-01  |  RoHS Compliant  Marked             |
| <b>Flammability Rating</b>  | UL94V-0   | UL94V-0   | UL94V-0   |
| <b>One Pole Blocks</b>  |   |   |   |
| <b>Catalog Number</b>   | 9080FB1221R   | N/A   | N/A   |
| <b>Dimensions (D) x (H) x (W)</b>                                       | 2.01 x 4.83 x 1.48 in.<br>(51.1 x 123.0 x 37.7 mm)  | N/A   | N/A   |
| <b>Two Pole Blocks</b>  |   |   |   |
| <b>Catalog Number</b>   | 9080FB2221R   | N/A   | N/A   |
| <b>Dimensions (D) x (H) x (W)</b>                                       | 2.01 x 4.83 x 2.86 in.<br>(51.1 x 123.0 x 72.7 mm)  | N/A   | 2.09 x 4.07 x 3.20 in.<br>(53.0 x 103.0 x 81.2 mm)  |
| <b>Three Pole Blocks</b>  |   |   |   |
| <b>Catalog Number</b>   | N/A   | 9080FB3621R   | 9080FB3621J   |
| <b>Dimensions (D) x (H) x (W)</b>                                       | N/A   | 2.19 x 6.75 x 5.08 in.<br>(55.6 x 171.4 x 129.0 mm)   | 2.09 x 4.07 x 4.72 in.<br>(53.0 x 103.0 x 120.0 mm)   |

## Terminal Blocks 9080FB Fuseholders 100 A Rated

| Class 9080  | Class H Fuses  | Class R Fuses  |   |
|---|--|--|---|
|   |                           |                            |    |
| <b>Maximum Voltage Rating</b>   | 600  | 250  | 600   |
| <b>Current Rating</b>   | 100  | 100  | 100   |
| <b>Wire Range</b><br><b>Lugs Suitable for Use with 75° C Conductors</b> | 6–2/0 AWG (16–50 mm <sup>2</sup> )   | 6–2/0 AWG (16–50 mm <sup>2</sup> )   | 6–2/0 AWG (16–50 mm <sup>2</sup> )  |
| <b>Wire Type</b>  | Solid or Stranded Cu or Al Wire  | Solid or Stranded Cu or Al Wire  | Solid or Stranded Cu or Al Wire   |
| <b>Lug Termination</b>  | Box Lug Connector  | Box Lug Connector  | Box Lug Connector   |
| <b>Clip Material</b>  | One piece Aluminum w/ Stainless Steel Spring   | One piece Aluminum w/ Copper Spring Tin Plated   | One piece Aluminum w/ Copper Spring Tin Plated  |
| <b>Clip Type</b>  | Reinforced   | Reinforced   | Reinforced  |
| <b>Base Material</b>  | General Purpose Phenolic   | General Purpose Phenolic   | General Purpose Phenolic  |
| <b>Tightening Torque lb-in (N•m)</b>                                    | 120 (13.6)   | 120 (13.6)   | 120 (13.6)  |
| <b>Temperature Rating</b>   | -40 to +302 °F<br>(-40 to +150 °C)   | -40 to +302 °F<br>(-40 to +150 °C)   | -40 to +302 °F<br>(-40 to +150 °C)  |
| <b>Fuse Size (Dia. x Length)</b>  | 1" x 7 7/8"  | 1" x 5 7/8"  | 1" x 7 7/8"   |
| <b>AIC Rating in accordance with UL512</b>                              | 10,000   | 20,000   | 20,000  |
| <b>Certifications</b>   |  File E40747 Guide IZLT |  File 70360 Class 6225-01 |  RoHS Compliant  Marked |
| <b>Flammability Rating</b>  | UL94V-0  | UL94V-0  | UL94V-0   |
| <b>One Pole Blocks</b>  |  |  |   |
| <b>Catalog Number</b>   | N/A  | 9080FB1231R  | N/A   |
| <b>Dimensions (D) x (H) x (W)</b>                                       | N/A  | 2.44 x 6.12 x 1.93 in.<br>(62.0 x 155.5 x 49.0 mm)   | N/A   |
| <b>Two Pole Blocks</b>  |  |  |   |
| <b>Catalog Number</b>   | N/A  | N/A  | N/A   |
| <b>Dimensions (D) x (H) x (W)</b>                                       | N/A  | N/A  | N/A   |
| <b>Three Pole Blocks</b>  |  |  |   |
| <b>Catalog Number</b>   | 9080FB3631   | N/A  | 9080FB3631R   |
| <b>Dimensions (D) x (H) x (W)</b>                                       | 2.60 x 8.12 x 5.73 in.<br>(66.0 x 206.2 x 145.5 mm)  | N/A  | 2.60 x 8.12 x 5.73 in.<br>(66.0 x 206.2 x 145.5 mm)   |

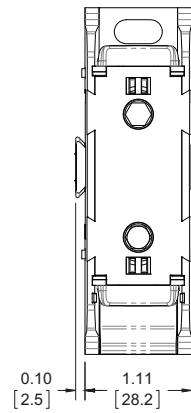
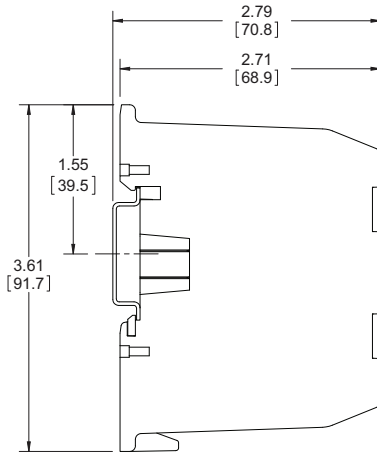
# Terminal Blocks

## Enclosed Power Distribution Blocks Approximate Dimensions



Dimensions:  $\frac{\text{in.}}{[\text{mm}]}$

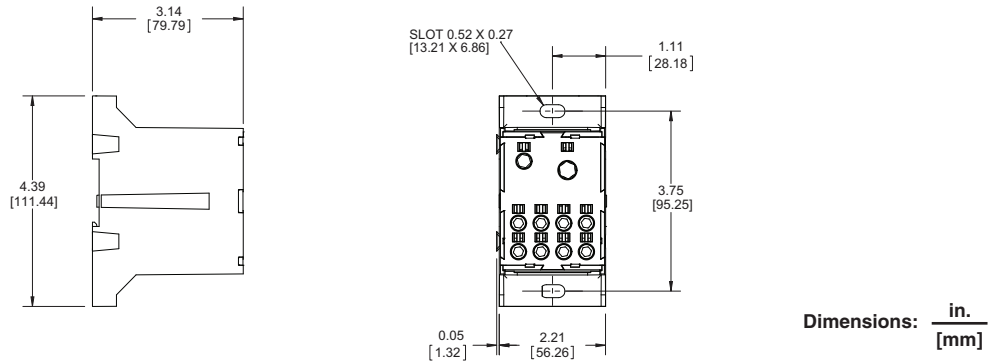
**NSYEBAD11611, NSYEBAD11614**



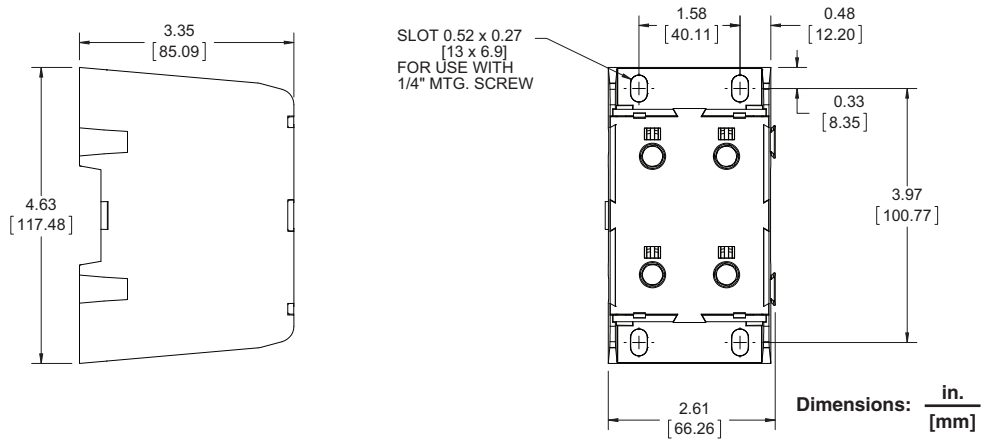
Dimensions:  $\frac{\text{in.}}{[\text{mm}]}$

**NSYEBAD12611, NSYEBAP12611, NSYEBAD12614, NSYEBAP12614, NSYEBAD12611, NSYEBAP12611, NSYEBAD12614, NSYEBAP12614**

## Terminal Blocks Enclosed Power Distribution Blocks Approximate Dimensions



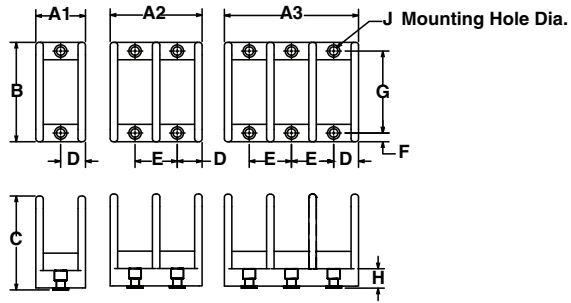
**NSYEBAD13618, NSYEBAP13618, NSYEBAD25622, NSYEBAP25622, NSYEBBCD13618, NSYEBBCD25622, NSYEBBCP13618, NSYEBBCP25622**



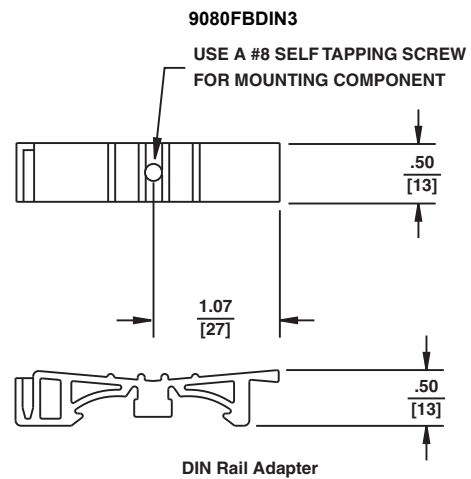
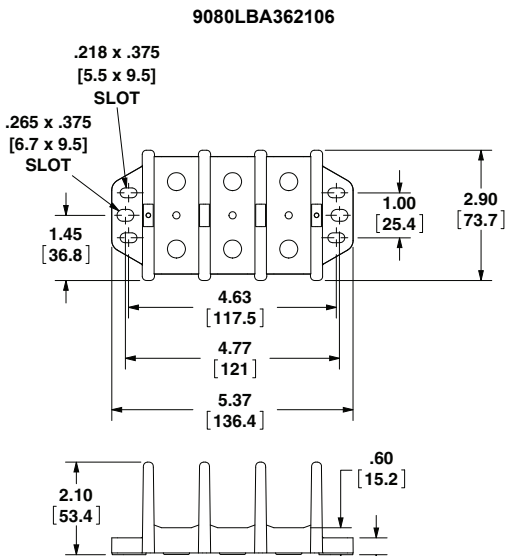
**NSYEBAP27622, NSYEBAP27628, NSYEBBCP27628**

# Terminal Blocks

## 9080LBA and 9080LBC Power Distribution Blocks Approximate Dimensions



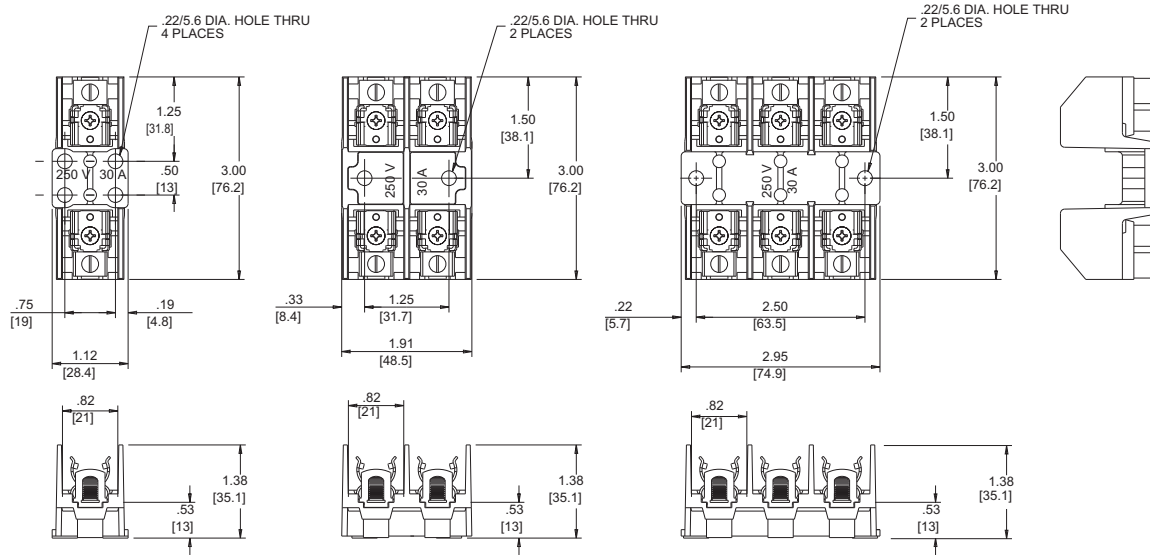
| One-pole   | Two-poles  | Three-poles | A1              | A2              | A3              | B               | C               | D              | E              | F             | G               | H              | J               |
|------------|------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|---------------|-----------------|----------------|-----------------|
| LBA161101  | N/A        | LBA361101   | 0.85<br>(21.46) | 1.48<br>(37.59) | 2.12<br>(53.72) | 2.29<br>(58.1)  | 1.62<br>(41.20) | 0.38<br>(9.7)  | 0.64<br>(16.2) | 0.18<br>(4.5) | 1.93<br>(49.1)  | 0.32<br>(8.1)  | 0.201<br>(5.11) |
| LBA161104  | LBA261104  | LBA361104   | 1.13<br>(28.5)  | 1.94<br>(49.2)  | 2.75<br>(69.9)  | 2.88<br>(73.0)  | 1.78<br>(45.2)  | 0.56<br>(14.0) | 0.81<br>(21.0) | 0.31<br>(7.9) | 2.25<br>(57.2)  | 0.24<br>(6.0)  | 0.205<br>(5.21) |
| LBA162101  | LBA262101  | LBA362101   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBA162104  | LBA262104  | LBA362104   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBC162101  | N/A        | LBC362101   | 1.92<br>(48.7)  | 3.47<br>(88.1)  | 5.00<br>(127.0) | 4.00<br>(102.0) | 2.61<br>(66.2)  | 0.97<br>(25.0) | 1.53<br>(38.9) | 0.31<br>(7.9) | 3.38<br>(85.7)  | 0.40<br>(10.0) | 0.203<br>(5.16) |
| LBC162104  | LBC262104  | LBC362104   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBA163101  | LBA263101  | LBA363101   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBA163104  | LBA263104  | LBA363104   | 1.92<br>(48.7)  | 3.47<br>(88.1)  | 5.00<br>(127.0) | 4.00<br>(102.0) | 2.61<br>(66.2)  | 0.97<br>(25.0) | 1.53<br>(38.9) | 0.31<br>(7.9) | 3.38<br>(85.7)  | 0.40<br>(10.0) | 0.203<br>(5.16) |
| LBA163106  | LBA263106  | LBA363106   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBA163206  | LBA263206  | LBA363206   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBC163101  | N/A        | LBC363101   | 1.92<br>(48.7)  | 3.47<br>(88.1)  | 5.00<br>(127.0) | 4.00<br>(102.0) | 2.61<br>(66.2)  | 0.97<br>(25.0) | 1.53<br>(38.9) | 0.31<br>(7.9) | 3.38<br>(85.7)  | 0.40<br>(10.0) | 0.203<br>(5.16) |
| LBC163106  | LBC263106  | LBC363106   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBC163206  | LBC263206  | LBC363206   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBA164101  | N/A        | LBA364101   | 2.25<br>(56.7)  | 4.12<br>(105.0) | 6.00<br>(152.0) | 4.75<br>(121.0) | 3.16<br>(80.2)  | 1.12<br>(28.5) | 1.88<br>(47.7) | 0.31<br>(7.9) | 4.16<br>(106.0) | 0.53<br>(13.0) | 0.200<br>(5.08) |
| LBA164108  | LBA264108  | LBA364108   | 3.17<br>(80.4)  | 5.88<br>(149.0) | 8.54<br>(217.0) | 5.50<br>(140.0) | 3.12<br>(79.2)  | 1.58<br>(40.2) | 2.69<br>(68.2) | 0.38<br>(9.5) | 4.75<br>(121.0) | 0.50<br>(13.0) | 0.265<br>(6.73) |
| LBA165202  | LBA265202  | LBA365202   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBA1652021 | LBA2652021 | LBA3652021  |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBA165106  | LBA265106  | LBA365106   | 3.17<br>(80.4)  | 5.88<br>(149.0) | 8.54<br>(217.0) | 5.50<br>(140.0) | 3.12<br>(79.2)  | 1.58<br>(40.2) | 2.69<br>(68.2) | 0.38<br>(9.5) | 4.75<br>(121.0) | 0.50<br>(13.0) | 0.265<br>(6.73) |
| LBA165112  | LBA265112  | LBA365112   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBA165212  | LBA265212  | LBA365212   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |
| LBC165208  | N/A        | LBC365208   | 3.17<br>(80.4)  | 5.88<br>(149.0) | 8.54<br>(217.0) | 5.50<br>(140.0) | 3.12<br>(79.2)  | 1.58<br>(40.2) | 2.69<br>(68.2) | 0.38<br>(9.5) | 4.75<br>(121.0) | 0.50<br>(13.0) | 0.265<br>(6.73) |
| LBC165212  | N/A        | LBC365212   |                 |                 |                 |                 |                 |                |                |               |                 |                |                 |



Dimensions:  $\frac{\text{in.}}{[\text{mm}]}$

# Terminal Blocks

## 9080FB Fuseholder Approximate Dimensions 250 V, 30 and 60 A



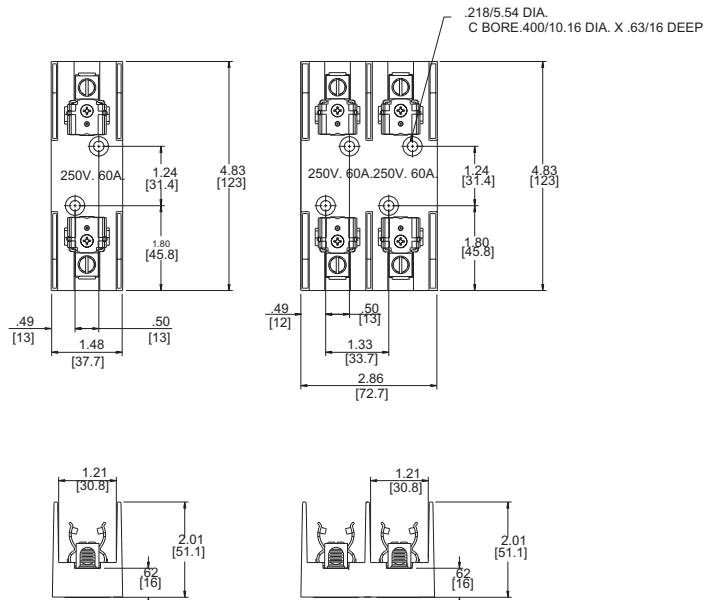
FB1211  
FB1211R

FB2211  
FB2211R

FB3211  
FB3211R

Dimensions:  $\frac{\text{in.}}{[\text{mm}]}$

### 30 A, 250 V 9080FB Fuseholders



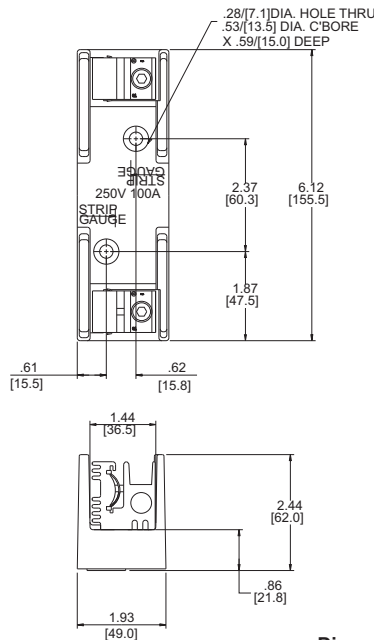
FB1221R

FB2221R

Dimensions:  $\frac{\text{in.}}{[\text{mm}]}$

### 60 A, 250 V 9080FB Fuseholders

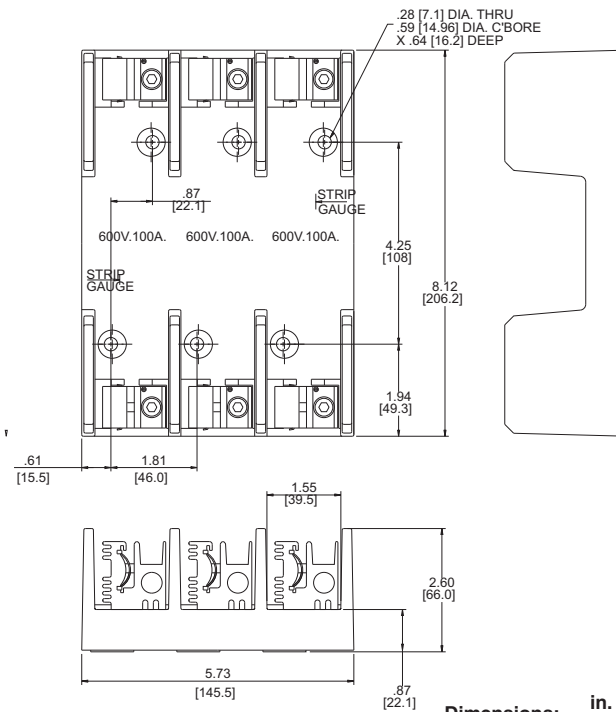
**Terminal Blocks**  
**9080FB Fuseholder Approximate Dimensions 250 V, 100 A**



FB1231R

Dimensions:  $\frac{\text{in.}}{[\text{mm}]}$

**100 A, 250 V 9080FB Fuseholders**



FB3631, FB3631R

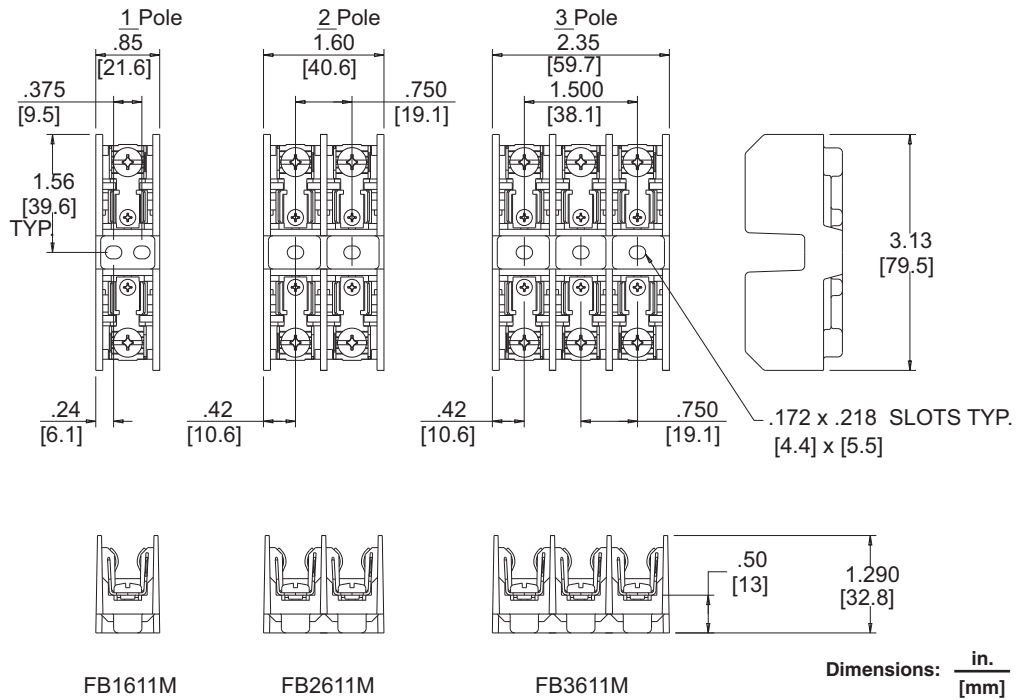
Dimensions:  $\frac{\text{in.}}{[\text{mm}]}$

**100 A, 250 V 9080FB Fuseholders**

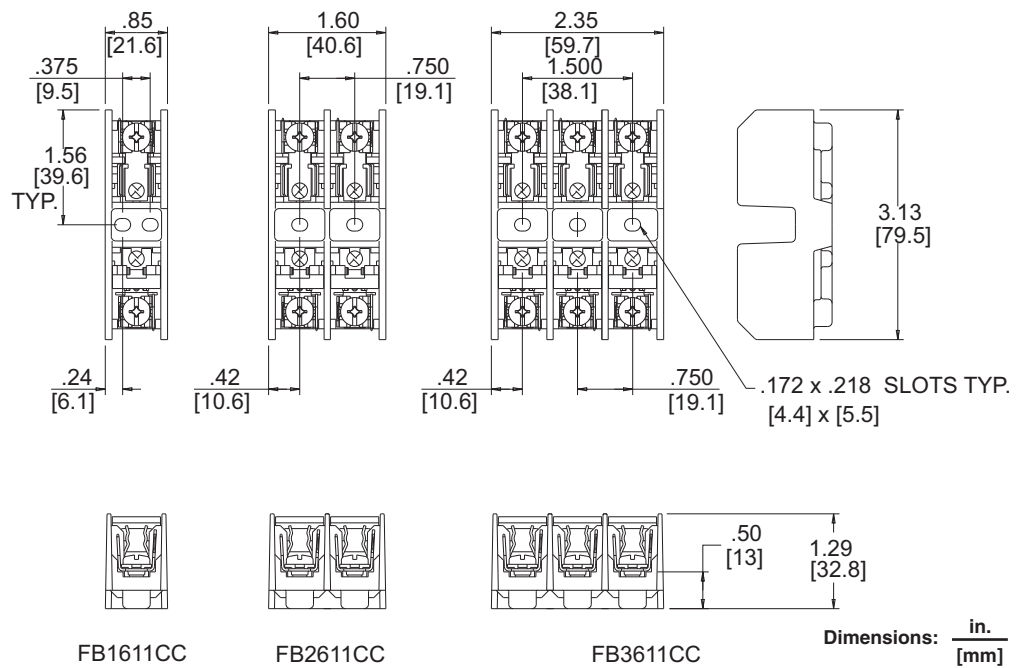


# Terminal Blocks

## 9080FB Fuseholder Approximate Dimensions 600 V, 30 A



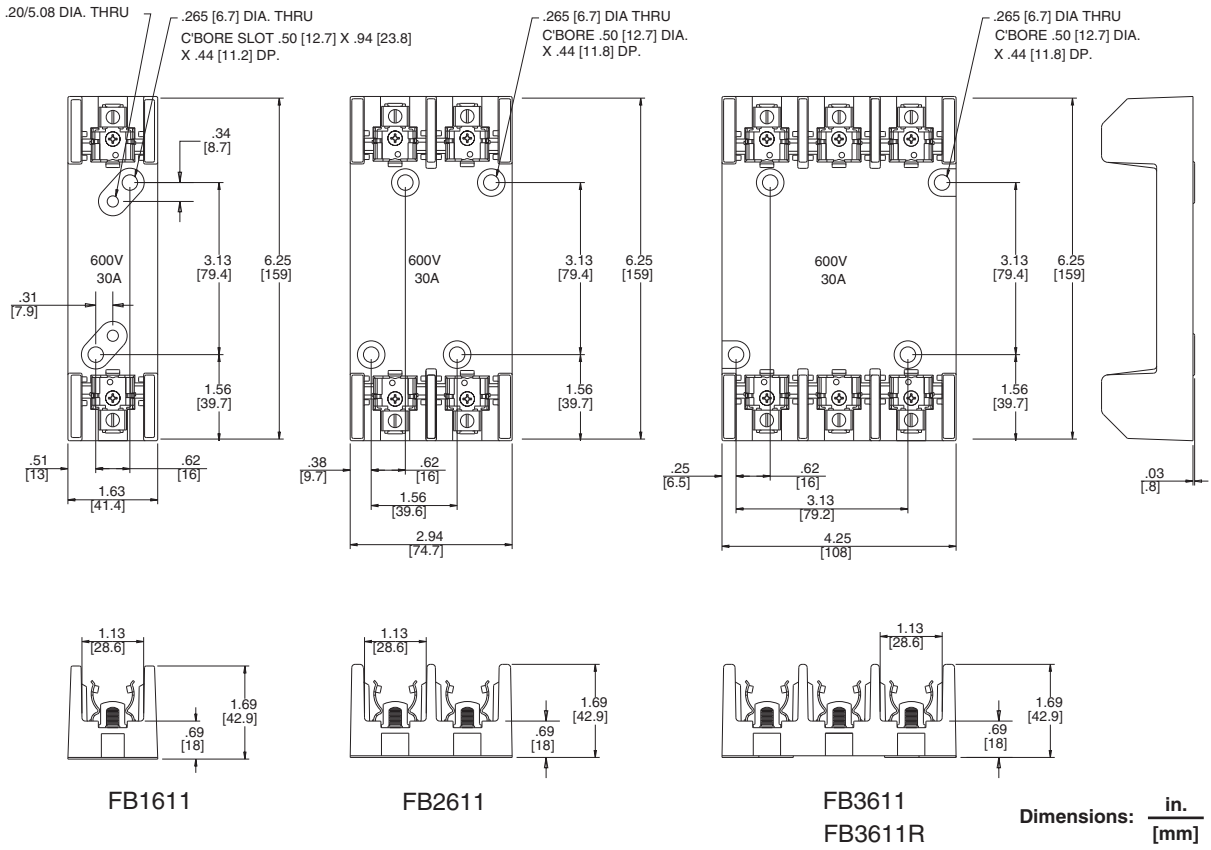
### 30 A, 600 V 9080FB Fuseholders



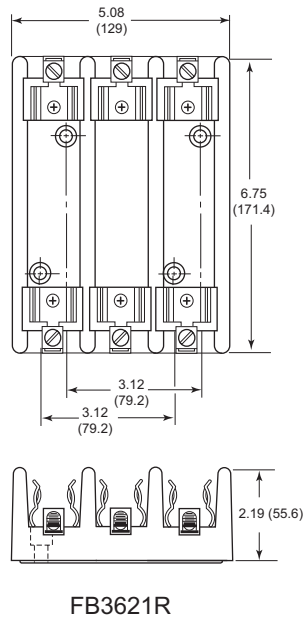
### 30 A, 600 V 9080FB Fuseholders

# Terminal Blocks

## 9080FB Fuseholders Approximate Dimensions 600 V, 30 A and 60 A



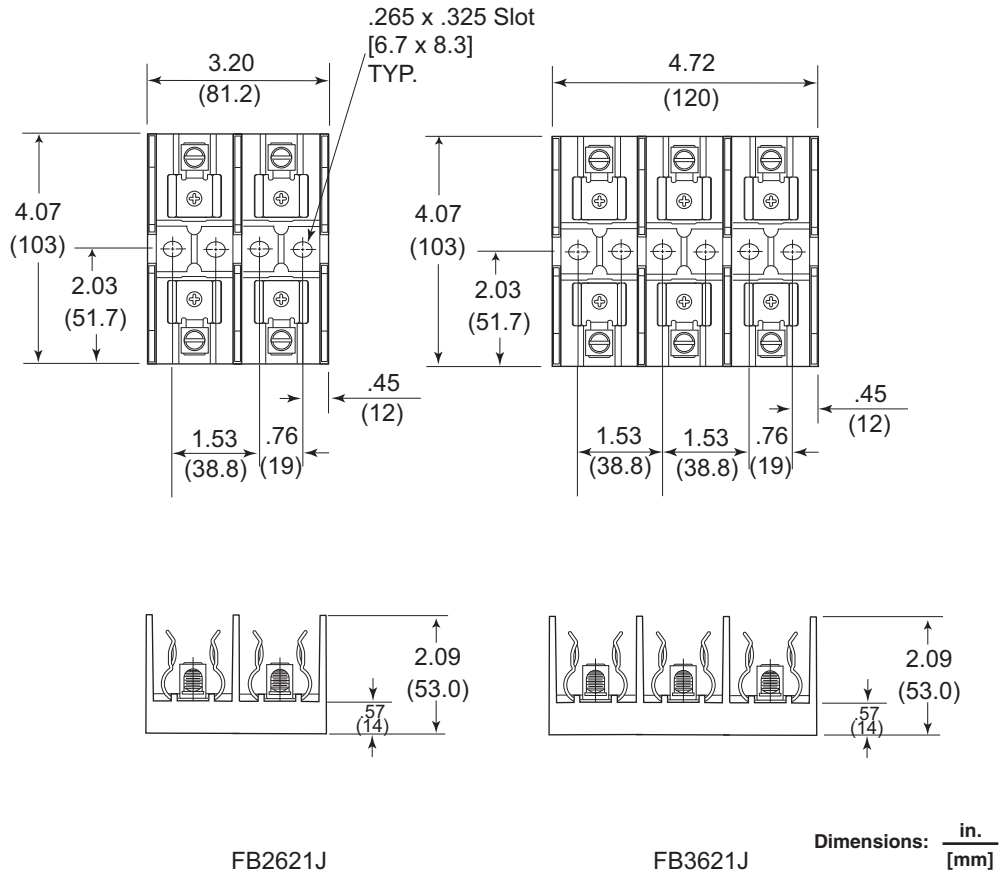
### 30 A, 600 V 9080FB Fuseholders



### 60 A, 600 V 9080FB Fuseholders

# Terminal Blocks

## 9080FB Fuseholders Approximate Dimensions 600 V, 60 A



**60 A, 600 V 9080FB Fuseholders**

# Terminal Blocks

## Short-Circuit Current Ratings

### Short-Circuit Current Ratings with Combination of Enclosed Power Distribution Blocks and Circuit Breakers

| Wire Type (Class) | Catalog Number  | Suitable Conductors kcmil/AWG (mm <sup>2</sup> ) CU |               | Overcurrent Protection Circuit Breaker Required |          |        | SCCR, RMS Sym. A | Volts Max. |
|-------------------|---|---|---------------|---|----------|--------|------------------|------------|
|                   |   | Line  | Load          | Mfr   | Type     | Max. A |                  |            |
| B, C              | NSYEBAD11611  | 4-2 (16-25)   | 10-2 (6-25)   | Square D  | JDL36250 | 250    | 18 kA            | 480        |
|                   |   |   |               |   | JGL36250 | 250    | 35 kA            |            |
|                   |   |   |               |   | JJL36250 | 250    | 65 kA            |            |
|                   |   |   |               |   | JLL36250 | 250    | 65 kA            |            |
|                   |   | 12-2 (4-25)   | 12-2 (4-25)   | Square D  | HDL36150 | 150    | 18 kA            |            |
|                   |   |   |               |   | HGL36150 | 150    | 35 kA            |            |
|                   |   |   |               |   | HJL36150 | 150    | 65 kA            |            |
|                   |   |   |               |   | HLL36150 | 150    | 65 kA            |            |
|                   |   | 12-2 (4-25)   | 12-2 (4-25)   | Square D  | BDL36125 | 125    | 18kA             |            |
|                   |   |   |               |   | BGL36125 | 125    | 35kA             |            |
|                   |   |   |               |   | BJL36125 | 125    | 65kA             |            |
|                   |   |   |               |   |          |        |                  |            |
| B, C              | NSYEBAD11614  | 4-2 (16-25)   | 10 (6)        | Square D  | JDL36250 | 250    | 18 kA            | 480        |
|                   |   |   |               |   | JGL36250 | 250    | 35 kA            |            |
|                   |   |   |               |   | JJL36250 | 250    | 65 kA            |            |
|                   |   |   |               |   | JLL36250 | 250    | 65 kA            |            |
|                   |   | 10-2 (6-25)   | 10 (6)        | Square D  | HDL36150 | 150    | 18 kA            |            |
|                   |   |   |               |   | HGL36150 | 150    | 35 kA            |            |
|                   |   |   |               |   | HJL36150 | 150    | 65 kA            |            |
|                   |   |   |               |   | HLL36150 | 150    | 65 kA            |            |
|                   |   | 12-2 (4-25)   | 12-10 (4-6)   | Square D  | BDL36125 | 125    | 18 kA            |            |
|                   |   |   |               |   | BGL36125 | 125    | 35 kA            |            |
|                   |   |   |               |   | BJL36125 | 125    | 65 kA            |            |
|                   |   |   |               |   |          |        |                  |            |
| B, C              | NSYEBAD12611<br>NSYEBAP12611<br>NSYEBAD12611<br>NSYEBBCP12611 | 4-3/0 (16-70)                                       | 8-3/0 (10-70) | Square D  | JDL36250 | 250    | 18 kA            | 480        |
|                   |   |   |               |   | JGL36250 | 250    | 35 kA            |            |
|                   |   |   |               |   | JJL36250 | 250    | 65 kA            |            |
|                   |   |   |               |   | JLL36250 | 250    | 65 kA            |            |
| B, C              | NSYEBAD12614<br>NSYEBAP12614<br>NSYEBAD12614<br>NSYEBBCP12614 | 4-3/0 (16-70)                                       | 10-2 (6-25)   | Square D  | JDL36250 | 250    | 18 kA            | 480        |
|                   |   |   |               |   | JGL36250 | 250    | 35 kA            |            |
|                   |   |   |               |   | JJL36250 | 250    | 65 kA            |            |
|                   |   |   |               |   | JLL36250 | 250    | 65 kA            |            |

## Terminal Blocks Short-Circuit Current Ratings

### Enclosed Power Distribution Blocks Short-Circuit Current Ratings with Fuses

| Wire Type<br>(Class) | Catalog<br>Number  | Suitable Copper Conductors<br>Range<br>AWG (mm <sup>2</sup> ) |                  | Fuse Type / Amperage |     |     |     |    |       | SCCR   |
|----------------------|--|---|------------------|----------------------|-----|-----|-----|----|-------|--------|
|                      |  | Line  | Load             | J                    | T   | RK1 | RK5 | G  | CC    |        |
| B, C                 | NSYEBAD11611   | 14-2 (2.5-25)   | 14-2 (2.5-25)    | 175                  | 225 | 100 | —   | —  | —     | 100 kA |
| G, H, I, K           |  | 14-4 (2.5-16)   | 14-4 (2.5-16)    | 175                  | 225 | 100 | —   | —  | —     | 100 kA |
| [1]                  |  | 14-2 (2.5-25)   | 14-2 (2.5-25)    | NONE                 |     |     |     |    |       | 10 kA  |
| B, C                 | NSYEBAD11614   | 10-2 (6-25)   | 14-10 (2.5-4)    | 125                  | 200 | 100 | —   | —  | —     | 65 kA  |
| G, H, I, K           |  | 10-4 (6-16)   | 14-10 (2.5-4)    | 125                  | 200 | 100 | —   | —  | —     | 65 kA  |
| [1]                  |  | 14-2 (2.5-25)   | 14-10 (2.5-4)    | NONE                 |     |     |     |    |       | 10 kA  |
| B, C                 | NSYEBAD12611   | 8-3/0 (10-70)   | 8-3/0 (10-70)    | 225                  | 225 | 200 | 60  | 60 | 30    | 100 kA |
| G, H, I              | NSYEBAP12611   | 8-2/0 (10-50)   | 8-2/0 (10-50)    | 300                  | 300 | 200 | 100 | 60 | 30    | 100 kA |
| [1]                  | NSYEBAD12611<br>NSYEBAP12611<br>NSYEBBCD12611<br>NSYEBBCP12611 | 14-3/0 (2.5-70)   | 14-3/0 (2.5-70)  | NONE                 |     |     |     |    |       | 10 kA  |
| B, C                 | NSYEBAD12614<br>NSYEBAP12614<br>NSYEBBCD12614<br>NSYEBBCP12614 | 8-3/0 (10-70)   | 8-2 (10-25)      | 225                  | 225 | 200 | 60  | 60 | 30    | 100 kA |
| B, C                 |  | 8-3/0 (10-70)   | 12-8 (4-10)      | 100                  | 110 | 100 | 30  | 60 | 30    | 100 kA |
| G, H, I              |  | 8-2/0 (10-50)   | 8-4 (10-16)      | 225                  | 225 | 200 | 60  | 60 | 30    | 100 kA |
| G, H, I              |  | 8-2/0 (10-50)   | 12-8 (4-10)      | 100                  | 110 | 100 | 30  | 60 | 30    | 100 kA |
| [1]                  |  | 14-3/0 (2.5-70)   | 14-2 (2.5-25)    | NONE                 |     |     |     |    |       | 10 kA  |
| [1]                  | NSYEBAD13618<br>NSYEBBCD13618                                  | 6-400 (16-185)<br>and<br>14-3/0 (2.5-70)                      | 14-2 (2.5-25)    | NONE                 |     |     |     |    |       | 10 kA  |
| B, C                 | NSYEBAP13618<br>NSYEBBCP13618                                  | 3/0-400 (70-185)  | 8-2 (10-25)      | 400                  | 400 | 400 | 200 | 60 | 30    | 100 kA |
| B, C                 |  | 6-400 (16-185)  | 10-2 (6-25)      | 200                  | 200 | 200 | 100 | 60 | 30    | 100 kA |
| G, H, I              |  | 6-400 (16-185)  | 10-2 (6-25)      | 300                  | 300 | 200 | 100 | 60 | 30    | 100 kA |
| [1]                  |  | 6-400 (16-185)<br>and<br>14-3/0 (2.5-70)                      | 14-2 (2.5-25)    | NONE                 |     |     |     |    |       | 10 kA  |
| [1]                  | NSYEBAD25622<br>NSYEBBCD25622                                  | 6-250 (16-120)  | 6-250 (16-120)   | NONE                 |     |     |     |    |       | 10 kA  |
| B, C                 | NSYEBAP25622<br>NSYEBBCP25622                                  | 1/0-250 (50-120)  | 1/0-250 (50-120) | 600                  | 600 | —   | —   | —  | —     | 50 kA  |
| B, C                 |  | 1/0-250 (50-120)  | 1/0-250 (50-120) | 400                  | 400 | 400 | 200 | 60 | 30    | 100 kA |
| B, C                 |  | 6-250 (16-120)  | 6-250 (16-120)   | 400                  | 400 | 400 | 100 | 60 | 30    | 100 kA |
| G, H, I              |  | 1/0-250 (50-120)  | 1/0-250 (50-120) | 300                  | 300 | 200 | 100 | 60 | 30    | 100 kA |
| [1]                  |  | 6-250 (16-120)  | 6-250 (16-120)   | NONE                 |     |     |     |    |       | 10 kA  |
| B, C                 | NSYEBAP27622   | 4-500 (25-240)  | 4-500 (25-240)   | 600                  | 600 | 600 | 200 | 60 | 30    | 100 kA |
| G, H, I              |  | 2-350 (35-150)  | 2-350 (35-150)   | 600                  | 600 | 600 | 200 | 60 | 30    | 100 kA |
| [1]                  |  | 4-500 (25-240)  | 4-500 (25-240)   | NONE                 |     |     |     |    |       | 10 kA  |
| B, C                 | NSYEBAP27628   | 250-500 (120-240)   | 4-2/0 (25-50)    | 600                  | 600 | 400 | 200 | 60 | 30    | 100 kA |
| B, C                 | NSYEBBCP27628  | 250-500 (120-240)   | 4-2/0 (25-50)    | 600                  | 600 | 600 | 200 | 60 | 30    | 100 kA |
| B, C                 | NSYEBAP27628<br>NSYEBBCP27628                                  | 4-500 (25-240)  | 10-2/0 (6-50)    | 350                  | 350 | 200 | 100 | 60 | 30    | 100 kA |
| G, H, I              |  | 250-350 (120-150)   | 4-1 (25-35)      | 600                  | 600 | 600 | 200 | 60 | 30    | 100 kA |
| G, H, I              |  | 4-350 (25-150)  | 8-1 (10-35)      | 350                  | 350 | 200 | 100 | 60 | 30    | 100 kA |
| [1]                  | 4-500 (25-240)   | 10-2/0 (6-50)   | NONE             |                      |     |     |     |    | 10 kA |        |

<sup>1</sup> Any UL approved wire sizes that are not approved for higher SCCR will default to 10 kA.

# Terminal Blocks

## Short-Circuit Current Ratings

### 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers

| Catalog Number                                  | Suitable Conductors<br>MCM/AWG (mm <sup>2</sup> ) Cu |                 | Overcurrent Protection Circuit Breaker<br>Required |          |       | SCCR, RMS<br>Sym. A | Volts Max |
|---|--|-----------------|--|----------|-------|---------------------|-----------|
|   | Line   | Load            | Mfr.   | Type     | Max A |                     |           |
| 9080LBA161101<br>9080LBA361101                  | 6-2 (16-25)  | 6-2 (16-25)     | Square D   | JDL36250 | 250   | 18 kA               | 480       |
|   |  |                 |  | JGL36250 | 250   | 35 kA               |           |
|   |  |                 |  | JJL36250 | 250   | 65 kA               |           |
|   |  |                 |  | JLL36250 | 250   | 65 kA               |           |
|   | 10-8 (6)   | 10-8 (6)        | Square D   | HDL36100 | 100   | 18 kA               |           |
|   |  |                 |  | HGL36100 | 100   | 35 kA               |           |
|   |  |                 |  | HJL36100 | 100   | 65 kA               |           |
|   |  |                 |  | HLL36100 | 100   | 65 kA               |           |
| 9080LBA161104<br>9080LBA261104<br>9080LBA361104 | 6-2 (16-25)  | (4) 10 (6)      | Square D   | JDL36250 | 250   | 18 kA               | 480       |
|   |  |                 |  | JGL36250 | 250   | 35 kA               |           |
|   |  |                 |  | JJL36250 | 250   | 65 kA               |           |
|   |  |                 |  | JLL36250 | 250   | 65 kA               |           |
|   | 10-8 (6)   | (4) 14 (2.5)    | Square D   | HDL36100 | 100   | 18 kA               |           |
|   |  |                 |  | HGL36100 | 100   | 35 kA               |           |
|   |  |                 |  | HJL36100 | 100   | 65 kA               |           |
|   |  |                 |  | HLL36100 | 100   | 65 kA               |           |
| 9080LBA162104<br>9080LBA262104<br>9080LBA362104 | 10-2/0 (6-50)  | (4) 10-4 (6-16) | Square D   | JDL36250 | 250   | 18 kA               | 480       |
|   |  |                 |  | JGL36250 | 250   | 35 kA               |           |
|   |  |                 |  | JJL36250 | 250   | 65 kA               |           |
|   |  |                 |  | JLL36250 | 250   | 65 kA               |           |
| 9080LBA362106                                   | 6-2/0 (16-50)  | (6) 10-4 (6-16) | Square D   | JDL36250 | 250   | 18 kA               | 480       |
|   |  |                 |  | JGL36250 | 250   | 35 kA               |           |
|   |  |                 |  | JJL36250 | 250   | 65 kA               |           |
|   |  |                 |  | JLL36250 | 250   | 65 kA               |           |
| 9080LBA163104<br>9080LBA263104<br>9080LBA363104 | 4-2/0 (25-50)  | (4) 8-2 (10-25) | Square D   | JDL36250 | 250   | 18 kA               | 480       |
|   |  |                 |  | JGL36250 | 250   | 35 kA               |           |
|   |  |                 |  | JJL36250 | 250   | 65 kA               |           |
|   |  |                 |  | JLL36250 | 250   | 65 kA               |           |
| 9080LBA163106<br>9080LBA263106<br>9080LBA363106 | 6-2/0 (16-50)  | (6) 10-2 (6-25) | Square D   | JDL36250 | 250   | 18 kA               | 480       |
|   |  |                 |  | JGL36250 | 250   | 35 kA               | 480       |
|   |  |                 |  | JJL36250 | 250   | 65 kA               | 480       |
|   |  |                 |  | JLL36250 | 250   | 65 kA               | 480       |
|   | 6-350 (16-150)                                       | 10-2 (6-25)     | Square D   | JJL36250 | 600   | 25 kA               | 600       |
|   |  |                 |  | JLL36250 | 600   | 65 kA               | 480       |
| 6-400 (16-185)                                  | 8-4 (10-16)  | Square D        | LJL36600   | 600      | 65 kA | 480                 |           |
| 6-400 (16-185)                                  | 8-2 (10-25)  | Square D        | LJL36600   | 600      | 25 kA | 600                 |           |
| 9080LBA163206<br>9080LBA263206<br>9080LBA363206 | (2) 8-1/0 (10-50)                                    | (6) 10-4 (6-16) | Square D   | JDL36250 | 250   | 18 kA               | 480       |
|   |  |                 |  | JGL36250 | 250   | 35 kA               |           |
|   |  |                 |  | JJL36250 | 250   | 65 kA               |           |
|   |  |                 |  | JLL36250 | 250   | 65 kA               |           |

## Terminal Blocks UL Short-Circuit Current Ratings

### 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers *(continued)*

| Catalog Number                                  | Suitable Conductors<br>MCM/AWG (mm <sup>2</sup> ) Cu |                  | Overcurrent Protection Circuit Breaker<br>Required |          |       | SCCR, RMS<br>Sym. A | Volts Max |
|---|--|------------------|--|----------|-------|---------------------|-----------|
|   | Line   | Load             | Mfr.   | Type     | Max A |                     |           |
| 9080LBA164108<br>9080LBA264108<br>9080LBA364108 | 6-2/0 (16-50)  | (6) 10-2 (6-25)  | Square D   | JDL36250 | 250   | 18 kA               | 480       |
| JGL36250  |  |                  |  | 250      | 35 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
|   | 6-400 (16-185)                                       | 8-2 (10-25)      | Square D   | LJL36600 | 600   | 65 kA               | 600       |
| 9080LBA165106<br>9080LBA265106<br>9080LBA365106 | 4-2/0 (25-50)  | (6) 8 (10)       | Square D   | JDL36250 | 250   | 18 kA               | 480       |
| JGL36250  |  |                  |  | 250      | 35 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| 9080LBA165208<br>9080LBA265208<br>9080LBA365208 | 4-500 (25-240)                                       | 6-2/0 (16-50)    | Square D   | LJL36600 | 600   | 65 kA               | 480       |
|   |  |                  |  |          |       | 25 kA               | 600       |
| 9080LBA165112<br>9080LBA265112<br>9080LBA365112 | 4-2/0 (25-50)  | (12) 8-2 (10-25) | Square D   | JDL36250 | 250   | 18 kA               | 480       |
| JGL36250  |  |                  |  | 250      | 35 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| 9080LBC162101<br>9080LBC362101                  | 8-1/0 (10-50)  | 8-1/0 (10-50)    | Square D   | JDL36250 | 250   | 18 kA               | 480       |
| JGL36250  |  |                  |  | 250      | 35 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| 9080LBC162104<br>9080LBC262104<br>9080LBC362104 | 8-2/0 (10-50)  | (4) 8-4 (10-16)  | Square D   | JDL36250 | 250   | 18 kA               | 480       |
| JGL36250  |  |                  |  | 250      | 35 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| 9080LBC163106<br>9080LBC263106<br>9080LBC363106 | (1) 4-2/0 (25-50)                                    | (6) 8-2 (10-25)  | Square D   | JDL36250 | 250   | 18 kA               | 480       |
| JGL36250  |  |                  |  | 250      | 35 kA | 480                 |           |
| JLL36250  |  |                  |  | 250      | 65 kA | 480                 |           |
| JLL36250  |  |                  |  | 250      | 65 kA | 480                 |           |
| 9080LBC163206<br>9080LBC263206<br>9080LBC363206 | (2) 2-2/0 (35-50)                                    | (6) 8-4 (10-16)  | Square D   | JDL36175 | 175   | 18 kA               | 480       |
| JGL36250  |  |                  |  | 250      | 35 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
| JLL36250  |  |                  |  | 250      | 65 kA |                     |           |
|   | (2) 6-4 (16)   | (6) 12-10 (4)    | Square D   | JDL36250 | 250   | 18 kA               | 480       |
| JGL36175  |  |                  |  | 175      | 35 kA |                     |           |
| JLL36175  |  |                  |  | 175      | 65 kA |                     |           |
| JLL36175  |  |                  |  | 175      | 65 kA |                     |           |

# Terminal Blocks

## UL Short-Circuit Current Ratings

### 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses

| Catalog Numbers |               |               | Suitable Conductors<br>kcmil/AWG (mm <sup>2</sup> ) |  | Fuse Type / Amperage |     |     |     |    |    | SCCR   |
|-----------------|---------------|---------------|---|--|----------------------|-----|-----|-----|----|----|--------|
| 1-Pole          | 2-Pole        | 3-Pole        | Line  | Load                                   | J                    | T   | RK1 | RK5 | G  | CC |        |
| 9080LBA161101   | —             | 9080LBA361101 | 6-2 (10-25)   | 6-2 (10-25)                            | 200                  | 200 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 10-2 (6-25)   | 10-2 (6-25)                            | 100                  | 100 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 10-2 (6-25)   | 10-2 (6-25)                            | 125                  | 125 | 60  | 30  | 60 | 30 | 65 kA  |
|                 |               |               | 10-4 (6-16)<br>(class G,H,I,K)                      | 10-4 (6-16)<br>(class G,H,I,K)         | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 14-2 (2.5-25)                                       | 14-2 (2.5-25)                          | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBA161104   | 9080LBA261104 | 9080LBA361104 | 6-2 (16-25)   | 10 (6)                                 | 200                  | 200 | 200 | 60  | 60 | 30 | 100 kA |
|                 |               |               | 10-2 (6-25)   | 14-10 (2.5-4)                          | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 12-2 (4-25)   | 14-10 (2.5-4)                          | 60                   | 60  | 30  | —   | 50 | 30 | 100 kA |
|                 |               |               | 10-4 (6-16)<br>(class G,H,I,K)                      | 14-10 (2.5-4)<br>(class G,H,I,K)       | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 14-2 (2.5-25)                                       | 14-10 (2.5-4)                          | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBA162101   | 9080LBA262101 | 9080LBA362101 | 6-2/0 (16-50)                                       | 6-2/0 (16-50)                          | 300                  | 300 | 200 | 100 | 60 | 30 | 65 kA  |
|                 |               |               | 6-1 (16-35)<br>(class G,H,I,K)                      | 6-1 (16-35)<br>(class G,H,I,K)         | 300                  | 300 | 200 | 100 | 60 | 30 | 65 kA  |
|                 |               |               | 14-2/0 (2.5-50)                                     | 14-2/0 (2.5-50)                        | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBA162104   | 9080LBA262104 | 9080LBA362104 | 6-2/0 (16-50)                                       | 10-4 (6-16)                            | 200                  | 200 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 6-2/0 (16-50)                                       | 14-4 (2.5-16)                          | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 6-1 (16-35)<br>(class G,H,I,K)                      | 12-6 (4-10)<br>(class G,H,I,K)         | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 14-2/0 (2.5-50)                                     | 14-4 (2.5-16)                          | NONE                 |     |     |     |    |    | 10 kA  |
| —               | —             | 9080LBA362106 | 6-2/0 (16-50)                                       | 10-4 (6-16)                            | 200                  | 200 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 10-2/0 (6-50)                                       | 14-4 (2.5-16)                          | 60                   | 60  | 60  | 30  | —  | 30 | 100 kA |
|                 |               |               | 6-1 (16-35)<br>(class G,H,I,K)                      | 10-6 (6-10)<br>(class G,H,I,K)         | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 10-1 (6-35)<br>(class G,H,I)                        | 14-6 (2.5-10)<br>(class G,H,I)         | 60                   | 60  | 60  | 30  | —  | 30 | 100 kA |
|                 |               |               | 14-2/0 (2.5-50)                                     | 14-4 (2.5-16)                          | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBA163101   | 9080LBA263101 | 9080LBA363101 | 1/0-350<br>(70-150)                                 | 1/0-350<br>(70-150)                    | 400                  | 400 | 400 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 6-350<br>(16-150)                                   | 6-350<br>(16-150)                      | 300                  | 300 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 1/0-250<br>(70-120)<br>(class G,H,I,K)              | 1/0-250<br>(70-120)<br>(class G,H,I,K) | 300                  | 300 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 6-350<br>(16-150)                                   | 6-350<br>(16-150)                      | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBA163104   | 9080LBA263104 | 9080LBA363104 | 3/0-400<br>(95-185)                                 | 6-2<br>(16-25)                         | 400                  | 400 | 400 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 6-400<br>(16-185)                                   | 10-2<br>(6-25)                         | 300                  | 300 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 1/0-250<br>(70-120)<br>(class G,H,I,K)              | 10-4<br>(6-16)<br>(class G,H,I,K)      | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 6-400<br>(16-185)                                   | 14-2<br>(2.5-25)                       | NONE                 |     |     |     |    |    | 10 kA  |



## Terminal Blocks UL Short-Circuit Current Ratings

### 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses *(continued)*

| Catalog Numbers    |                  |               | Suitable Conductors<br>kcmil/AWG (mm <sup>2</sup> ) |                                      | Fuse Type / Amperage |     |     |       |    |    | SCCR   |
|--------------------|------------------|---------------|---|--------------------------------------|----------------------|-----|-----|-------|----|----|--------|
| 1-Pole             | 2-Pole           | 3-Pole        | Line  | Load                                 | J                    | T   | RK1 | RK5   | G  | CC |        |
| 9080LBA163106      | 9080LBA263106    | 9080LBA363106 | 3/0-400<br>(95-185)                                 | 8-2<br>(10-25)                       | 500                  | 500 | 400 | 200   | 60 | 30 | 100 kA |
|                    |                  |               | 6-400<br>(16-185)                                   | 10-2<br>(6-25)                       | 350                  | 350 | 200 | 100   | 60 | 30 | 100 kA |
|                    |                  |               | 1/0-250<br>(70-120)<br>(class G,H,I,K)              | 10-4<br>(6-16)<br>(class G,H,I,K)    | 150                  | 150 | 100 | 30    | 60 | 30 | 100 kA |
|                    |                  |               | 6-400<br>(16-185)                                   | 14-2<br>(2.5-25)                     | NONE                 |     |     |       |    |    | 10 kA  |
| 9080LBA163206      | 9080LBA263206    | 9080LBA363206 | 2-2/0 (35-50)                                       | 8-4 (10-16)                          | 400                  | 400 | 400 | 100   | 60 | 30 | 100 kA |
|                    |                  |               | 6-2/0 (16-50)                                       | 8-4 (10-16)                          | 350                  | 350 | 200 | 100   | 60 | 30 | 100 kA |
|                    |                  |               | 6-2/0 (16-50)                                       | 10-4 (6-16)                          | 250                  | 250 | 200 | 60    | 60 | 30 | 100 kA |
|                    |                  |               | (1) 6 (16)  | (2) 12 (4)                           | 225                  | 225 | 100 | 60    | 60 | 30 | 100 kA |
|                    |                  |               | 6-1 (16-35)<br>(class G,H,I,K)                      | 8-6 (10)<br>(class G,H,I,K)          | 150                  | 150 | 100 | 30    | 60 | 30 | 100 kA |
| 14-2/0<br>(2.5-50) | 14-4<br>(2.5-16) | NONE          |   |                                      |                      |     |     | 10 kA |    |    |        |
| 9080LBA164101      | —                | 9080LBA364101 | 2-600<br>(35-300)                                   | 2-600<br>(35-300)                    | 600                  | 600 | —   | —     | —  | —  | 50 kA  |
|                    |                  |               | 2-600<br>(35-300)                                   | 2-600<br>(35-300)                    | 400                  | 400 | 400 | 200   | 60 | 30 | 100 kA |
|                    |                  |               | 2-350<br>(35-150)<br>(class G,H,I,K)                | 2-350<br>(35-150)<br>(class G,H,I,K) | 400                  | 400 | 400 | 200   | 60 | 30 | 100 kA |
|                    |                  |               | 2-600<br>(35-300)                                   | 2-600<br>(35-300)                    | NONE                 |     |     |       |    |    | 10 kA  |
| 9080LBA164108      | 9080LBA264108    | 9080LBA364108 | 3/0-400<br>(95-185)                                 | 8-2<br>(10-25)                       | 400                  | 400 | 400 | 200   | 60 | 30 | 100 kA |
|                    |                  |               | 6-400<br>(16-185)                                   | 10-2<br>(6-25)                       | 200                  | 200 | 200 | 100   | 60 | 30 | 100 kA |
|                    |                  |               | 1/0-250<br>(70-120)<br>(class G,H,I,K)              | 14-4<br>(2.5-16)<br>(class G,H,I,K)  | 150                  | 150 | 100 | 30    | 60 | 30 | 100 kA |
|                    |                  |               | 6-400<br>(16-185)                                   | 14-2<br>(2.5-25)                     | NONE                 |     |     |       |    |    | 10 kA  |
| 9080LBA165202      | 9080LBA265202    | 9080LBA365202 | 4-350<br>(25-150)                                   | 4-350<br>(25-150)                    | 450                  | 450 | 400 | 200   | 60 | 30 | 100 kA |
|                    |                  |               | 4-350<br>(25-150)                                   | 4-350<br>(25-150)                    | 600                  | 600 | —   | —     | —  | —  | 50 kA  |
|                    |                  |               | 2-250<br>(35-120)<br>(class G,H,I,K)                | 2-250<br>(35-120)<br>(class G,H,I,K) | 600                  | 600 | —   | —     | —  | —  | 50 kA  |
|                    |                  |               | 2-250<br>(35-120)<br>(class G,H,I,K)                | 2-250<br>(35-120)<br>(class G,H,I,K) | 450                  | 450 | 400 | 200   | 60 | 30 | 100 kA |
|                    |                  |               | 4-350<br>(25-150)                                   | 4-350<br>(25-150)                    | NONE                 |     |     |       |    |    | 10 kA  |

# Terminal Blocks

## UL Short-Circuit Current Ratings

### 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses (continued)

| Catalog Numbers |                |                | Suitable Conductors<br>kcmil/AWG (mm <sup>2</sup> ) |                                      | Fuse Type / Amperage |     |     |     |    |    | SCCR   |
|-----------------|----------------|----------------|---|--------------------------------------|----------------------|-----|-----|-----|----|----|--------|
| 1-Pole          | 2-Pole         | 3-Pole         | Line  | Load                                 | J                    | T   | RK1 | RK5 | G  | CC |        |
| 9080LBA1652021  | 9080LBA2652021 | 9080LBA3652021 | 4-500<br>(25-240)                                   | 4-500<br>(25-240)                    | 500                  | 500 | 400 | 200 | 60 | 30 | 100 kA |
|                 |                |                | 2-350<br>(35-150)<br>(class G,H,I,K)                | 2-350<br>(35-150)<br>(class G,H,I,K) | 500                  | 500 | 400 | 200 | 60 | 30 | 100 kA |
|                 |                |                | 4-500<br>(25-240)                                   | 4-500<br>(25-240)                    | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBA165106   | 9080LBA265106  | 9080LBA365106  | 3/0-500<br>(95-240)                                 | 6-2/0<br>(16-50)                     | 400                  | 400 | 400 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 4-500<br>(25-240)                                   | 10-2/0<br>(6-50)                     | 200                  | 200 | 200 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 2-350<br>(35-150)<br>(class G,H,I,K)                | 6-1<br>(16-35)<br>(class G,H,I,K)    | 400                  | 400 | 400 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 2-350<br>(35-150)<br>(class G,H,I,K)                | 10-1<br>(6-35)<br>(class G,H,I,K)    | 250                  | 250 | 200 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 4-500<br>(25-240)                                   | 14-2/0<br>(2.5-50)                   | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBA165112   | 9080LBA265112  | 9080LBA365112  | 3/0-500<br>(95-240)                                 | 6-2<br>(16-25)                       | 400                  | 400 | 400 | 200 | 60 | 30 | 100 kA |
|                 |                |                | 4-500<br>(25-240)                                   | 10-2<br>(6-25)                       | 250                  | 250 | 200 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 2-350<br>(35-150)<br>(class G,H,I,K)                | 6-4<br>(16)<br>(class G,H,I,K)       | 400                  | 400 | 400 | 200 | 60 | 30 | 100 kA |
|                 |                |                | 2-350<br>(35-150)<br>(class G,H,I,K)                | 10-4<br>(6-16)<br>(class G,H,I,K)    | 250                  | 250 | 200 | 200 | 60 | 20 | 100 kA |
|                 |                |                | 4-500<br>(25-240)                                   | 14-2<br>(2.5-25)                     | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBA165208   | 9080LBA265208  | 9080LBA365208  | 250-500<br>(150-240)                                | 4-2/0<br>(25-50)                     | 600                  | 600 | 400 | 200 | 60 | 30 | 100 kA |
|                 |                |                | 4-500<br>(25-240)                                   | 10-2/0<br>(6-50)                     | 350                  | 350 | 200 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 250-350<br>(150)<br>(class G,H,I,K)                 | 4-1<br>(25-35)<br>(class G,H,I,K)    | 600                  | 600 | 400 | 200 | 60 | 30 | 100 kA |
|                 |                |                | 4-350<br>(25-150)<br>(class G,H,I,K)                | 10-6<br>(6-10)<br>(class G,H,I,K)    | 350                  | 350 | 200 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 4-500<br>(25-240)                                   | 14-2/0<br>(2.5-50)                   | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBA165212   | 9080LBA265212  | 9080LBA365212  | 250-500<br>(150-240)                                | 8-4<br>(10-16)                       | 400                  | 400 | 200 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 4-500<br>(25-240)                                   | 10-4<br>(6-16)                       | 350                  | 350 | 200 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 250-350<br>(150)<br>(class G,H,I,K)                 | 8-6<br>(10)<br>(class G,H,I,K)       | 400                  | 400 | 200 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 4-350<br>(25-150)<br>(class G,H,I,K)                | 10-6<br>(6-10)<br>(class G,H,I,K)    | 350                  | 350 | 200 | 100 | 60 | 30 | 100 kA |
|                 |                |                | 4-500<br>(25-240)                                   | 14-4<br>(2.5-16)                     | NONE                 |     |     |     |    |    | 10 kA  |

## Terminal Blocks UL Short-Circuit Current Ratings

### 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses *(continued)*

| Catalog Numbers |               |               | Suitable Conductors<br>kcmil/AWG (mm <sup>2</sup> ) |                                     | Fuse Type / Amperage |     |     |     |    |    | SCCR   |
|-----------------|---------------|---------------|---|-------------------------------------|----------------------|-----|-----|-----|----|----|--------|
| 1-Pole          | 2-Pole        | 3-Pole        | Line  | Load                                | J                    | T   | RK1 | RK5 | G  | CC |        |
| 9080LBC162101   | —             | 9080LBC362101 | 6-1/0<br>(16-50)                                    | 6-1/0<br>(16-50)                    | 175                  | 175 | 100 | 60  | 60 | 30 | 100 kA |
|                 |               |               | 6-1 (16-35)<br>(class G,H,I,K)                      | 6-1 (16-35)<br>(class G,H,I,K)      | 175                  | 175 | 100 | 60  | 60 | 30 | 100 kA |
|                 |               |               | 14-1/0<br>(2.5-50)                                  | 14-1/0<br>(2.5-50)                  | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBC162104   | 9080LBC262104 | 9080LBC362104 | 6-2/0 (10-50)                                       | 10-4 (6-16)                         | 200                  | 200 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 10-2/0 (6-50)                                       | 14-4 (2.5-16)                       | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 6-1 (16-35)<br>(class G,H,I,K)                      | 12-6 (4-10)<br>(class G,H,I,K)      | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 14-2/0<br>(2.5-50)                                  | 14-4<br>(2.5-16)                    | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBC163101   | —             | 9080LBC363101 | 6-250 (16-120)                                      | 6-250 (16-120)                      | 300                  | 300 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 1/0-250 (70-120)<br>(class G,H,I,K)                 | 1/0-250 (70-120)<br>(class G,H,I,K) | 300                  | 300 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 6-250 (16-120)                                      | 6-250 (16-120)                      | NONE                 |     |     |     |    |    | 10kA   |
| 9080LBC163106   | 9080LBC263106 | 9080LBC363106 | 3/0-500<br>(95-240)                                 | 8-2<br>(10-25)                      | 400                  | 400 | 400 | 200 | 60 | 30 | 100 kA |
|                 |               |               | 4-500<br>(25-240)                                   | 10-2<br>(6-25)                      | 300                  | 300 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 1/0-250<br>(70-120)<br>(class G,H,I,K)              | 10-4<br>(6-16)<br>(class G,H,I,K)   | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 4-500<br>(25-240)                                   | 14-4<br>(2.5-16)                    | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBC163206   | 9080LBC263206 | 9080LBC363206 | 2-2/0<br>(35-50)                                    | 8-4<br>(10-16)                      | 400                  | 400 | 400 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 6-2/0 (16-50)                                       | 8-4 (10-16)                         | 350                  | 350 | 200 | 100 | 60 | 30 | 100 kA |
|                 |               |               | 10-4 (6-16)<br>(class G,H,I,K)                      | 14-10 (2.5-4)<br>(class G,H,I,K)    | 150                  | 150 | 100 | 30  | 60 | 30 | 100 kA |
|                 |               |               | 14-2/0<br>(2.5-50)                                  | 14-4<br>(2.5-16)                    | NONE                 |     |     |     |    |    | 10 kA  |
| 9080LBC165208   | —             | 9080LBC365208 | 250-500<br>(150-240)                                | 4-2/0<br>(25-50)                    | 500                  | 500 | 400 | 200 | 60 | 30 | 100 kA |
|                 |               |               | 4-500<br>(25-240)                                   | 6-2/0<br>(16-50)                    | 450                  | 450 | 400 | 200 | 60 | 30 | 100 kA |
|                 |               |               | 250-350<br>(150)<br>(class G,H,I,K)                 | 4-1<br>(25-35)<br>(class G,H,I,K)   | 500                  | 500 | 400 | 200 | 60 | 30 | 100 kA |
|                 |               |               | 2-350<br>(35-150)<br>(class G,H,I,K)                | 6-1<br>(16-35)<br>(class G,H,I,K)   | 450                  | 450 | 400 | 200 | 60 | 30 | 100 kA |
|                 |               |               | 4-500<br>(25-240)                                   | 14-2/0<br>(2.5-50)                  | NONE                 |     |     |     |    |    | 10 kA  |

# Terminal Blocks

## UL Short-Circuit Current Ratings

### 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses *(continued)*

| Catalog Numbers |        |               | Suitable Conductors<br>kcmil/AWG (mm <sup>2</sup> ) |                                   | Fuse Type / Amperage |     |     |     |    |    | SCCR   |
|-----------------|--------|---------------|---|-----------------------------------|----------------------|-----|-----|-----|----|----|--------|
| 1-Pole          | 2-Pole | 3-Pole        | Line  | Load                              | J                    | T   | RK1 | RK5 | G  | CC |        |
| 9080LBC165212   | —      | 9080LBC365212 | 4-500<br>(25-240)                                   | 10-2<br>(6-25)                    | 400                  | 400 | 400 | 200 | 60 | 30 | 100 kA |
|                 |        |               | 250-500<br>(150-240)                                | 8-2<br>(10-25)                    | 600                  | 600 | —   | —   | —  | —  | 50 kA  |
|                 |        |               | 2-350<br>(35-150)<br>(class G,H,I,K)                | 10-4<br>(6-16)<br>(class G,H,I,K) | 400                  | 400 | 400 | 200 | 60 | 30 | 100 kA |
|                 |        |               | 250-350<br>(150)<br>(class G,H,I,K)                 | 8-4<br>(10-16)<br>(class G,H,I,K) | 600                  | 600 | —   | —   | —  | —  | 50 kA  |
|                 |        |               | 4-500<br>(25-240)                                   | 14-2<br>(2.5-25)                  | NONE                 |     |     |     |    |    | 10 kA  |

## Expanded Wire Usage

Historically, the terminals on Schneider Electric's power distribution blocks have only been evaluated for use with rigid Class B and C wire. Our open and enclosed power distribution blocks have now been evaluated for use with flexible stranded wire classes according to UL 486A-B and include more wire classes.

## Stranded Wire Characteristics and Usage

Stranded wire is composed of a number of small gauge wire bundled or wrapped together to form a larger conductor. The more individual wire strands in a wire bundle, the more flexible, kink-resistant, break-resistant, and strong it is. It is capable of carrying more amperage (more surface area), less likely to get damaged in a pull, easier to handle, and weighs less than solid wire. Stranded wire tends to be a better conductor than solid wire because the individual wires collectively comprise a greater surface area.

## Solid Wire Characteristics and Usage

The benefits of solid wire are cost, simplicity, and durability. It is a single, thick strand of wire and is therefore resistant to damage. For applications which require a great deal of movement, vibration, or require to be bent into complex shapes solid wire is undesirable because it lacks the strength and flexibility to endure reshaping and motion.

## Stranded Wire Applications

- Robotics
- Automotive
- Circuit Boards
- Electronics

## Conclusion

Long-term durability must be weighed against choosing wire type based on cost. Solid wire costs less than stranded wire, but stranded wire will last longer in applications where motion or frequent alterations to the wiring may occur.

Torque values for stranded wire classes are included in the following tables.

# Terminal Blocks

## Wire Classes

### Wire Classes—Enclosed Power Distribution Blocks

| Catalog No.   | No. of Terminals | AWG (mm <sup>2</sup> )<br>Line & Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               | IP20 Protection<br>AWG (mm <sup>2</sup> ) |
|---|------------------|---|-----------------------|---------------------|---------------------|---|
| NSYEBAD11611  | 1                | 3–2 (35)  | 50 (5.6)              | 1                   | B, C                | 14–2 (2.5–25)                             |
|   |                  | 6–4 (16–25)   | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |   |
|   |                  | 8 (10)  | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |   |
|   |                  | 14–10 (2.5–6)   | 35 (4.0)              | 1                   | B, C, G, H, I (DLO) |   |
| Catalog No.   | No. of Terminals | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded)        | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               | IP20 Protection<br>AWG (mm <sup>2</sup> ) |
| NSYEBAD11614  | 1                | 3–2 (35)  | 50 (5.6)              | 1                   | B, C                | 14–2 (2.5–25)                             |
|   |                  | 6–4 (16–25)   | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |   |
|   |                  | 8 (10)  | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |   |
|   |                  | 14–10 (2.5–6)   | 35 (4.0)              | 1                   | B, C, G, H, I (DLO) |   |
| Catalog No.   | No. of Terminals | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded)        | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               | IP20 Protection<br>AWG (mm <sup>2</sup> ) |
| NSYEBAD11614  | 4                | 14–10 (2.5–6)   | 7 (0.80)              | 1                   | B, C, G, H, I (DLO) | 14–10 (2.5–4)                             |
| Catalog No.   | No. of Terminals | AWG (mm <sup>2</sup> )<br>Line & Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               | IP20 Protection<br>AWG (mm <sup>2</sup> ) |
| NSYEBAD12611<br>NSYEBAP12611<br>NSYEBAD12611<br>NSYEBBCP12611 | 1                | 3/0 (70)  | 180 (20.3)            | 1                   | B, C                | 2–3/0 (35–70)                             |
|   |                  | 2–2/0 (25–50)   | 180 (20.3)            | 1                   | B, C, G, H, I (DLO) |   |
|   |                  | 4 (16)  | 180 (20.3)            | 1                   | B, C, G, H, I (DLO) |   |
|   |                  | 4 (16)  | 180 (20.3)            | 1 to 2              | B, C                |   |
|   |                  | 8–6 (10)  | 180 (20.3)            | 1 to 2              | B, C, G, H, I (DLO) |   |
|   |                  | 14–10 (2.5–6)   | 50 (5.6)              | 1 to 2              | B, C, G, H, I (DLO) |   |
| Catalog No.   | No. of Terminals | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded)        | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               | IP20 Protection<br>AWG (mm <sup>2</sup> ) |
| NSYEBAD12614<br>NSYEBAP12614<br>NSYEBAD12614<br>NSYEBBCP12614 | 1                | 3/0 (70)  | 180 (20.3)            | 1                   | B, C                | 2–3/0 (35–70)                             |
|   |                  | 2–2/0 (25–50)   | 180 (20.3)            | 1                   | B, C, G, H, I (DLO) |   |
|   |                  | 4 (16)  | 180 (20.3)            | 1                   | B, C, G, H, I (DLO) |   |
|   |                  | 4 (16)  | 180 (20.3)            | 1 to 2              | B, C                |   |
|   |                  | 8–6 (10)  | 180 (20.3)            | 1 to 2              | B, C, G, H, I (DLO) |   |
|   |                  | 14–10 (2.5–6)   | 50 (5.6)              | 1 to 2              | B, C, G, H, I (DLO) |   |
| Catalog No.   | No. of Terminals | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded)        | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               | IP20 Protection<br>AWG (mm <sup>2</sup> ) |
| NSYEBAD12614<br>NSYEBAP12614<br>NSYEBAD12614<br>NSYEBBCP12614 | 4                | 2 (35)  | 50 (5.6)              | 1                   | B, C                | 14–2 (2.5–25)                             |
|   |                  | 6–4 (16–25)   | 50 (5.6)              | 1                   | B, C, G, H, I (DLO) |   |
|   |                  | 8 (10)  | 50 (5.6)              | 1 to 2              | B, C, G, H, I (DLO) |   |
|   |                  | 10 (6)  | 40 (4.5)              | 1 to 2              | B, C, G, H, I (DLO) |   |
|   |                  | 14–12 (2.5–4)   | 40 (4.5)              | 1 to 4              | B, C, G, H, I (DLO) |   |

**Wire Classes—Enclosed Power Distribution Blocks** (continued)

| Catalog No.  | No. of Terminal  | AWG (mm <sup>2</sup> ) Line Side (Cu Stranded)        | Torque lb-in (N•m) | Wires / Terminal | Class               | IP20 Protection AWG (mm <sup>2</sup> ) |                  |
|--|--|---|--------------------|------------------|---------------------|--|------------------|
| NSYEBAD13618<br>NSYEBAP13618<br>NSYEBAD13618<br>NSYEBAP13618 | 1  | 2/0–400 (70–185)                                      | 375 (42.2)         | 1                | B, C, G, H, I (DLO) | 300–400<br>(150–185)                   |                  |
|  |  | 2–1/0 (35–50)   | 275 (31.0)         | 1                | B, C, G, H, I (DLO) |  |                  |
|  |  | 6–4 (16)  | 275 (31.0)         | 1                | B, C                |  |                  |
|  | NSYEBAD13618<br>NSYEBAP13618<br>NSYEBAD13618<br>NSYEBAP13618 | 1   | 3/0 (70)           | 120 (13.5)       | 1                   | B, C                                   | 4–3/0<br>(25–70) |
|  |  |   | 1–2/0 (35–50)      | 120 (13.5)       | 1                   | B, C, G, H, I (DLO)                    |                  |
|  |  |   | 6–2 (10–25)        | 80 (9.0)         | 1                   | B, C, G, H, I (DLO)                    |                  |
|  |  |   | 8 (10)             | 40 (4.5)         | 1                   | B, C, G, H, I (DLO)                    |                  |
|  |  | 14–10 (2.5–6)   | 40 (4.5)           | 1                | B, C, I (DLO)       |  |                  |
| Catalog No.  | No. of Terminals   | AWG (mm <sup>2</sup> ) Load Side (Cu Stranded)        | Torque lb-in (N•m) | Wires / Terminal | Class               | IP20 Protection AWG (mm <sup>2</sup> ) |                  |
| NSYEBAD13618<br>NSYEBAP13618<br>NSYEBAD13618<br>NSYEBAP13618 | 8  | 4–2 (25–35)   | 80 (9.0)           | 1                | B, C, G, H, I (DLO) | 12–2<br>(4–25)                         |                  |
|  |  | 6 (16)  | 80 (9.0)           | 1–2              | B, C, G, H, I (DLO) |  |                  |
|  |  | 8 (10)  | 40 (4.5)           | 1–2              | B, C, G, H, I (DLO) |  |                  |
|  |  | 14–10 (2.5–6)   | 40 (4.5)           | 1–4              | B, C, I (DLO)       |  |                  |
| Catalog No.  | No. of Terminals   | AWG (mm <sup>2</sup> ) Line & Load Side (Cu Stranded) | Torque lb-in (N•m) | Wires / Terminal | Class               | IP20 Protection AWG (mm <sup>2</sup> ) |                  |
| NSYEBAD25622<br>NSYEBAP25622<br>NSYEBAD25622<br>NSYEBAP25622 | 2  | 1–250 (50–120)  | 275 (31.1)         | 1                | B, C, G, H, I (DLO) | 4/0–250<br>(120)                       |                  |
|  |  | 2 (35)  | 120 (13.5)         | 1                | B, C, G, H, I (DLO) |  |                  |
|  |  | 6–4 (16–25)   | 120 (13.5)         | 1                | B, C                |  |                  |
| Catalog No.  | No. of Terminals   | AWG Line & Load Side (Cu Stranded)                    | Torque lb-in (N•m) | Wires / Terminal | Class               | IP20 Protection AWG (mm <sup>2</sup> ) |                  |
| NSYEBAP27622   | 2  | 4–500 (25–240)  | 375 (42.4)         | 1                | B, C                | 4/0–500<br>(120–240)                   |                  |
|  |  | 2–350 (35–150)  | 375 (42.4)         | 1                | B, C, G, H, I (DLO) |  |                  |
| Catalog No.  | No. of Terminals   | AWG (mm <sup>2</sup> ) Line Side (Cu Stranded)        | Torque lb-in (N•m) | Wires / Terminal | Class               | IP20 Protection AWG (mm <sup>2</sup> ) |                  |
| NSYEBAP27628<br>NSYEBAP27628                                 | 2  | 4–500 (25–240)  | 375 (42.4)         | 1                | B, C                | 4/0–500<br>(120–240)                   |                  |
|  |  | 4–350 (25–150)  | 375 (42.4)         | 1                | B, C, G, H, I (DLO) |  |                  |
| Catalog No.  | No. of Terminals   | AWG (mm <sup>2</sup> ) Load Side (Cu Stranded)        | Torque lb-in (N•m) | Wires / Terminal | Class               | IP20 Protection AWG (mm <sup>2</sup> ) |                  |
| NSYEBAP27628<br>NSYEBAP27628<br>NSYEBAP27628<br>NSYEBAP27628 | 8  | 6–2/0 (16–50)   | 120 (13.6)         | 1                | B, C                | 10–2/0<br>(6–50)                       |                  |
|  |  | 6–1 (16–35)   | 120 (13.6)         | 1                | B, C, G, H, I (DLO) |  |                  |
|  |  | 8 (10)  | 40 (4.5)           | 1                | B, C, G, H, I (DLO) |  |                  |
|  |  | 14–10 (2.5–6)   | 35 (4)             | 1                | B, C, I (DLO)       |  |                  |

<sup>1</sup> Multiple wire rating applies to Class I only. Classes B and C are rated for one wire per terminal.

# Terminal Blocks

## Wire Classes

### Wire Classes—9080LB Open Power Distribution Blocks

| Catalog No.                    | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|--------------------------------|--|-----------------------|---------------------|---------------------|
| 9080LBA161101<br>9080LBA361101 | 2 (25)   | 50 (5.6)              | 1                   | B, C                |
|                                | 6–4 (16)   | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |
|                                | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|                                | 14–10 (2.5–6)  | 35 (4.0)              | 1                   | B, C, I (DLO)       |

| Catalog No.                    | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|--------------------------------|--|-----------------------|---------------------|---------------------|
| 9080LBA161101<br>9080LBA361101 | 2 (25)   | 50 (5.6)              | 1                   | B, C                |
|                                | 6–4 (16)   | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |
|                                | 8 (10)   | 40 (4.5)              | 1–2 <sup>[1]</sup>  | B, C, G, H, I (DLO) |
|                                | 14–10 (2.5–6)  | 35 (4.0)              | 1–2 <sup>[1]</sup>  | B, C, I (DLO)       |

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|--|-----------------------|---------------------|---------------------|
| 9080LBA161104<br>9080LBA261104<br>9080LBA361104 | 2 (25)   | 50 (5.6)              | 1                   | B, C                |
|   | 6–4 (16)   | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|   | 14–10 (2.5–6)  | 35 (4.0)              | 1                   | B, C, I, (DLO)      |

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class         |
|---|--|-----------------------|---------------------|---------------|
| 9080LBA161104<br>9080LBA261104<br>9080LBA361104 | 12–10 (2.5–6)  | 7 (.8)                | 1                   | B, C, I (DLO) |
|   | 14 (2.5)   | 7 (.8)                | 1–2 <sup>[1]</sup>  | B, C, I (DLO) |
|   | 18–16 (1.0–1.5)                                      | 7 (.8)                | 1                   | B,C           |

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line & Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|---|-----------------------|---------------------|---------------------|
| 9080LBA162101<br>9080LBA262101<br>9080LBA362101 | 1/0–2/0 (50–70)   | 120 (13.6)            | 1                   | B, C                |
|   | 6–1 (16–35)   | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)  | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|   | 14–10 (2.5–6)   | 35 (4)                | 1                   | B, C, I, (DLO)      |

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|--|-----------------------|---------------------|---------------------|
| 9080LBA162104<br>9080LBA262104<br>9080LBA362104 | 1/0–2/0 (50–70)                                      | 120 (13.6)            | 1                   | B, C                |
|   | 4–1 (25–50)  | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
|   | 6 (16)   | 120 (13.6)            | 1                   | B, C, I (DLO)       |
|   | 8 (10)   | 40 (4.5)              | 1                   | B, C                |
|   | 14–10 (2.5–6)  | 35 (4)                | 1                   | B, C                |

<sup>1</sup> Multiple wire rating applies to Class B and C.

<sup>2</sup> Multiple wire rating applies to Class B, C, and I.



**Wire Classes–9080LB Open Power Distribution Blocks** *(continued)*

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class         |
|---------------|--|-----------------------|---------------------|---------------|
| 9080LBA162104 | 4 (25)   | 35 (4)                | 1                   | B, C          |
| 9080LBA262104 | 6 (16)   | 35 (4)                | 1                   | B, C, I (DLO) |
| 9080LBA362104 | 8 (10)   | 35 (4)                | 1                   | B, C          |
|               | 14–10 (2.5–6)  | 35 (4)                | 1–2 [1]             | B, C          |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line & Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|---|-----------------------|---------------------|---------------------|
| 9080LBA163101 | 300–350 (150)   | 275 (31.1)            | 1                   | B, C                |
| 9080LBA263101 | 2–250 (35–120)  | 275 (31.1)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA363101 | 6–4 (16–25)   | 275 (31.1)            | 1                   | B,C                 |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA163104 | 350–400 (150–185)                                    | 275 (31.1)            | 1                   | B, C                |
| 9080LBA263104 | 2–300 (25–150)                                       | 275 (31.1)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA363104 | 6–4 (16–25)  | 275 (31.1)            | 1                   | B,C                 |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA163104 | 2 (35)   | 50 (5.6)              | 1                   | B, C                |
| 9080LBA263104 | 6–4 (16–25)  | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |
| 9080LBA363104 | 8 (10)   | 40 (4.5)              | 1–2 [2]             | B, C, G, H, I (DLO) |
|               | 10 (6)   | 35 (4)                | 1–2                 | B, C, I (DLO)       |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA163106 | 350–400 (185)  | 275 (31.1)            | 1                   | B, C                |
| 9080LBA263106 | 2–300 (35–150)                                       | 275 (31.1)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA363106 | 6–4 (16–25)  | 275 (31.1)            | 1                   | B, C                |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA163106 | 2 (35)   | 50 (5.6)              | 1                   | B, C                |
| 9080LBA263106 | 6–4 (16–25)  | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |
| 9080LBA363106 | 8 (10)   | 40 (4.5)              | 1–2 [2]             | B, C, G, H, I (DLO) |
|               | 10 (6)   | 35 (4)                | 1–2                 | B, C                |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |

<sup>1</sup> Multiple wire rating applies to Class B, C, and I.

# Terminal Blocks

## Wire Classes

### Wire Classes—9080LB Open Power Distribution Blocks (continued)

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA163206 | 1/0–2/0 (50–70)                                      | 120 (13.6)            | 1                   | B, C                |
| 9080LBA263206 | 6–1 (16–35)  | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA363206 | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|               | 14–10 (2.5–6)  | 35 (4)                | 1                   | B, C, I (DLO)       |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA163206 | 4 (25)   | 35 (4)                | 1                   | B, C                |
| 9080LBA263206 | 8–6 (10–16)  | 35 (4)                | 1                   | B, C, G, H, I (DLO) |
| 9080LBA363206 | 10 (6)   | 35 (4)                | 1–2                 | B, C, I (DLO)       |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line & Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|---|-----------------------|---------------------|---------------------|
| 9080LBA164101 | 400–600 (185–300)   | 500 (56.5)            | 1                   | B, C                |
| 9080LBA364101 | 2–350 (35–150)  | 500 (56.5)            | 1                   | B, C, G, H, I (DLO) |
|               | 4 (25)  | 500 (56.5)            | 1                   | B, C                |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA164108 | 350–400 (185)  | 275 (31.1)            | 1                   | B, C                |
| 9080LBA264108 | 2–300 (35–150)                                       | 275 (31.1)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA364108 | 6–4 (16–25)  | 275 (31.1)            | 1                   | B, C                |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA164108 | 2 (35)   | 50 (5.6)              | 1                   | B, C                |
| 9080LBA264108 | 6–4 (16–25)  | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |
| 9080LBA364108 | 8 (10)   | 40 (4.5)              | 1–2 [1]             | B, C, G, H, I (DLO) |
|               | 10 (6)   | 35 (4)                | 1–2 [1]             | B, C, I (DLO)       |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA165106 | 500 (240)  | 375 (42.4)            | 1                   | B, C                |
| 9080LBA265106 | 2–400 (35–185)                                       | 375 (42.4)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA365106 | 4 (25)   | 375 (42.4)            | 1                   | B, C                |

<sup>1</sup> Multiple wire rating applies to Class B, C, and I.

**Wire Classes–9080LB Open Power Distribution Blocks** (continued)

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA165106 | 1/0–2/0 (50–70)                                      | 120 (13.6)            | 1                   | B, C                |
| 9080LBA265106 | 6–1 (16–35)  | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA365106 | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|               | 14–10 (2.5–6)  | 35 (4)                | 1                   | B, C, I (DLO)       |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA165112 | 500 (240)  | 375 (42.4)            | 1                   | B, C                |
| 9080LBA265112 | 2–400 (35–185)                                       | 375 (42.4)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA365112 | 4 (25)   | 375 (42.4)            | 1                   | B, C                |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA165112 | 2 (35)   | 50 (5.6)              | 1                   | B, C                |
| 9080LBA265112 | 6–4 (16–25)  | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |
| 9080LBA365112 | 8 (10)   | 40 (4.5)              | 1–2 [1]             | B, C, G, H, I (DLO) |
|               | 10 (6)   | 35 (4)                | 1–2                 | B, C, I (DLO)       |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|               | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line & Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|---|-----------------------|---------------------|---------------------|
| 9080LBA165202 | 300–350 (150)   | 275 (31.1)            | 1                   | B, C                |
| 9080LBA265202 | 2–250 (35–120)  | 275 (31.1)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA365202 | 4 (25)  | 275 (31.1)            | 1                   | B, C                |

| Catalog No.    | AWG (mm <sup>2</sup> )<br>Line & Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|----------------|---|-----------------------|---------------------|---------------------|
| 9080LBA1652021 | 500 (240)   | 375 (42.4)            | 1                   | B, C                |
| 9080LBA2652021 | 2–400 (35–185)  | 375 (42.4)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA3652021 | 4 (25)  | 375 (42.4)            | 1                   | B, C                |

| Catalog No.   | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---------------|--|-----------------------|---------------------|---------------------|
| 9080LBA165208 | 500 (240)  | 375 (42.4)            | 1                   | B, C                |
| 9080LBA265208 | 2–400 (35–185)                                       | 375 (42.4)            | 1                   | B, C, G, H, I (DLO) |
| 9080LBA365208 | 6–4 (16–25)  | 375 (42.4)            | 1                   | B, C                |

# Terminal Blocks

## Wire Classes

### Wire Classes—9080LB Open Power Distribution Blocks (continued)

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|--|-----------------------|---------------------|---------------------|
| 9080LBA165212<br>9080LBA265212<br>9080LBA365212 | 500 (240)  | 375 (42.4)            | 1                   | B, C                |
|   | 400 (185)  | 375 (42.4)            | 1                   | B, C, G, H          |
|   | 2–350 (35–150)                                       | 375 (42.4)            | 1                   | B, C, G, H, I (DLO) |
|   | 6–4 (16–25)  | 375 (42.4)            | 1                   | B, C                |
| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
| 9080LBA165212<br>9080LBA265212<br>9080LBA365212 | 4 (25)   | 35 (4)                | 1                   | B, C                |
|   | 8–6 (10–16)  | 35 (4)                | 1                   | B, C, G, H, I (DLO) |
|   | 10 (6)   | 35 (4)                | 1–2                 | B, C, I (DLO)       |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |
| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
| 9080LBA362106                                   | 1/0–2/0 (50–70)                                      | 120 (13.6)            | 1                   | B, C                |
|   | 6–1 (16–35)  | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|   | 14–10 (2.5–6)  | 35 (4)                | 1                   | B, C, I (DLO)       |
| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
| 9080LBA362106                                   | 4 (25)   | 35 (4)                | 1                   | B, C                |
|   | 8–6 (10–16)  | 35 (4)                | 1                   | B, C, G, H, I (DLO) |
|   | 10 (6)   | 35 (4)                | 1–2                 | B, C, I (DLO)       |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |
| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
| 9080LBC162101<br>9080LBC362101                  | 1/0–2/0 (50–70)                                      | 120 (13.6)            | 1                   | B, C                |
|   | 6–1 (16–35)  | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|   | 14–10 (2.5–6)  | 35 (4)                | 1                   | B, C, I (DLO)       |
| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
| 9080LBC162101<br>9080LBC362101                  | 1/0–2/0 (50–70)                                      | 120 (13.6)            | 1                   | B, C                |
|   | 6–1 (16–35)  | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|   | 14–10 (2.5–6)  | 35 (4)                | 1                   | B, C, I (DLO)       |

<sup>1</sup> Multiple wire rating applies to Class B, C, and I.

## Terminal Blocks Wire Classes

### Wire Classes—9080LB Open Power Distribution Blocks *(continued)*

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|--|-----------------------|---------------------|---------------------|
| 9080LBC162104<br>9080LBC262104<br>9080LBC362104 | 1/0–2/0 (50–70)                                      | 120 (13.6)            | 1                   | B, C                |
|   | 6–1 (16–35)  | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|   | 14–10 (2.5–6)  | 35 (4)                | 1                   | B, C, I (DLO)       |

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|--|-----------------------|---------------------|---------------------|
| 9080LBC162104<br>9080LBC262104<br>9080LBC362104 | 4 (25)   | 35 (4)                | 1                   | B, C                |
|   | 8–6 (10–16)  | 35 (4)                | 1                   | B, C, G, H, I (DLO) |
|   | 14–10 (2.5–6)  | 35 (4)                | 1–4                 | B, C                |
|   | 14–10 (2.5–6)  | 35 (4)                | 1–2                 | I (DLO)             |

| Catalog No.                    | AWG (mm <sup>2</sup> )<br>Line & Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|--------------------------------|---|-----------------------|---------------------|---------------------|
| 9080LBC163101<br>9080LBC363101 | 250 (120)   | 375 (42.4)            | 1                   | B, C                |
|                                | 4/0 (95)  | 375 (42.4)            | 1                   | B, C, G, H          |
|                                | 2–3/0 (35–70)   | 375 (42.4)            | 1                   | B, C, G, H, I (DLO) |
|                                | 6–4 (16–25)   | 375 (42.4)            | 1                   | B, C                |

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|--|-----------------------|---------------------|---------------------|
| 9080LBC163106<br>9080LBC263106<br>9080LBC363106 | 500 (240)  | 375 (42.4)            | 1                   | B, C                |
|   | 2–400 (35–185)                                       | 375 (42.4)            | 1                   | B, C, G, H, I (DLO) |
|   | 4 (25)   | 375 (42.4)            | 1                   | B, C                |

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|--|-----------------------|---------------------|---------------------|
| 9080LBC163106<br>9080LBC263106<br>9080LBC363106 | 2 (35)   | 50 (5.6)              | 1                   | B, C                |
|   | 6–4 (16–25)  | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)   | 40 (4.5)              | 1–2 [1]             | B, C, G, H, I (DLO) |
|   | 10 (6)   | 35 (4)                | 1–2 [1]             | B, C, I (DLO)       |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|--|-----------------------|---------------------|---------------------|
| 9080LBC163206<br>9080LBC263206<br>9080LBC363206 | 1/0–2/0 (50–70)                                      | 120 (13.6)            | 1                   | B, C                |
|   | 6–1 (16–35)  | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|   | 14–10 (2.5–6)  | 35 (4)                | 1                   | B, C, I (DLO)       |

<sup>1</sup> Multiple wire rating applies to Class B, C, and I.

# Terminal Blocks

## Wire Classes

### Wire Classes—9080LB Open Power Distribution Blocks *(continued)*

| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
|---|--|-----------------------|---------------------|---------------------|
| 9080LBC163206<br>9080LBC263206<br>9080LBC363206 | 4 (25)   | 35 (4)                | 1                   | B, C                |
|   | 8–6 (10–16)  | 35 (4)                | 1                   | B, C, G, H, I (DLO) |
|   | 10 (6)   | 35 (4)                | 1–2                 | B, C, I (DLO)       |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |
| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
| 9080LBC165208<br>9080LBC365208                  | 500 kcmil (240)                                      | 375 (42.4)            | 1                   | B, C                |
|   | 2–400 (35–185)                                       | 375 (42.4)            | 1                   | B, C, G, H, I (DLO) |
|   | 4 (25)   | 375 (42.4)            | 1                   | B, C                |
| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
| 9080LBC165208<br>9080LBC365208                  | 1/0–2/0 (50–70)                                      | 120 (13.6)            | 1                   | B, C                |
|   | 6–1 (16–35)  | 120 (13.6)            | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)   | 40 (4.5)              | 1                   | B, C, G, H, I (DLO) |
|   | 14–10 (2.5–6)  | 35 (4)                | 1                   | B, C, I (DLO)       |
| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Line Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
| 9080LBC165212<br>9080LBC365212                  | 500 (240)  | 375 (42.4)            | 1                   | B, C                |
|   | 2–400 (35–185)                                       | 375 (42.4)            | 1                   | B, C, G, H, I (DLO) |
|   | 4 (25)   | 375 (42.4)            | 1                   | B, C                |
| Catalog No.                                     | AWG (mm <sup>2</sup> )<br>Load Side<br>(Cu Stranded) | Torque<br>lb-in (N•m) | Wires /<br>Terminal | Class               |
| 9080LBC165212<br>9080LBC365212                  | 2 (35)   | 50 (5.6)              | 1                   | B, C                |
|   | 6–4 (16–25)  | 45 (5.1)              | 1                   | B, C, G, H, I (DLO) |
|   | 8 (10)   | 40 (4.5)              | 1–2 [1]             | B, C, G, H, I (DLO) |
|   | 10 (6)   | 35 (4)                | 1–2                 | B, C, I (DLO)       |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–2                 | I (DLO)             |
|   | 14–12 (2.5–4)  | 35 (4)                | 1–4                 | B, C                |

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