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Introduction

This catalog contains selection information, specifications, dimensions, Short Circuit Current Ratings (SCCR), application information, and wire class information for Schneider Electric™ NSYEB enclosed power distribution blocks, Square D™ 9080 open power distribution blocks, and Square D fuse holders.

Terminal Block Descriptions

Terminal Block Families



NSYEB Power Distribution Blocks

Schneider Electric NSYEB Enclosed Power Distribution Blocks

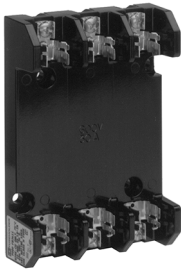
NSYEB power distribution blocks are enclosed IEC versions of our NEMA 9080 power distribution blocks, which are finger safe from the front according to IP20, and available with copper or aluminum lugs. They have SCCR up to 100 kA with fuses. They are one-pole modular units with an interlocking dovetail 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.



Class 9080 Type LB

Square D 9080 Open Power Distribution Blocks

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 Listed, CSA approved, RoHS compliant, and CE marked. A selection of covers completes this family.

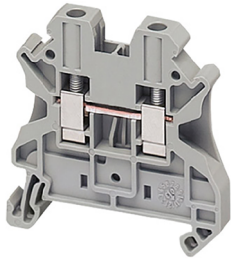


Class 9080 Type FB

Square D 9080 FB Fuse Holders

This family of NEMA fuse holders will accept types H, R, CC, M, and J fuses up to 200 amperes. Both 250 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.

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



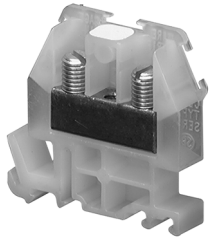
NSYTR

Schneider Electric Linergy™ Terminal Blocks

Depending on the application, there are several types of IEC terminal blocks:

- Screw technology terminal blocks are suitable for the majority of connection applications due to their wide range of functions and connection possibilities
- Spring technology requires no maintenance and helps provide a separation of mechanical and electrical functions.
- Push-in terminal blocks reduce wiring time and eliminate the need for regular re-tightening.
- The hybrid offer is a combination of screw terminal and Insulation Displacement Connection (IDC).
- These blocks are UL component recognized, CSA approved, CE marked, and RoHS compliant.

Refer to catalog 9080CT1301.



Class 9080 Type G

Square D 9080 Terminal Blocks

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 in.) track, or direct panel mounting. They are UL component recognized, CSA approved, RoHS compliant, and CE marked.

Refer to Catalog 9080CT9601.

Circuit Protectors

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.

Refer to Catalog 9080CT9601 .



Circuit Protectors

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 Vac/Vdc
- 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

NSYEB Linergy Terminal Blocks

115 A Cu and Al



NSYEBAD11611



NSYEBAD11614

Features:

- 35 mm DIN rail or panel mounted
- Suitable for use with 75°C conductors
- Tin-plated aluminum lug
- Thermoplastic base
- Nickel-plated steel terminal set screw
- Zinc-plated steel connector mounting screw
- Temperature rating of -40 to 125°C (-40 to 257°F)
- Flammability rating of UL94V-0
- Dimensions (D) x (H) x (W): 4.14 x 1.71 x 0.75 in. (105.2 x 43.5 x 19.0 mm)

Table 1 - NSYEB Linergy Terminal Blocks: 115 A Cu and Al

Cat. No.	Max. Voltage Rating	SCCR with Fuses	Wire Range Cu ⁽¹⁾		Tightening Torque: lb-in (N•m) Cu		Wire Strip Length in. (mm)		Terminal Screw Drive	
			Line	Load	Line	Load	Line	Load	Line	Load
NSYEBAD11611	600	Up to 100 kA ⁽²⁾	(1) 14–2 AWG (2.5–35 mm ²)	(1) 14–2 AWG (2.5–35 mm ²)	3–2 AWG (35 mm ²): 50 (5.6)	3–2 AWG (35 mm ²): 50 (5.6)	5/8 (16)	5/8 (16)	5/32 Hex	5/32 Hex
					6–4 AWG (16–25 mm ²): 45 (5.1)	6–4 AWG (16–25 mm ²): 45 (5.1)				
					8 AWG (10 mm ²): 40 (4.5)	8 AWG (10 mm ²): 40 (4.5)				
					14–10 AWG (2.5–6 mm ²): 35 (4.0)	14–10 AWG (2.5–6 mm ²): 35 (4.0)				
NSYEBAD11614	115	Up to 65 kA ⁽²⁾	(1) 14–2 AWG (2.5–35 mm ²)	(4) 14–10 AWG (2.5–6 mm ²)	3–2 AWG (35 mm ²): 50 (5.6)	14–10 AWG (2.5–6 mm ²): 35 (4.0)	5/8 (16)	Top: 7/16 (11) Bottom: 11/16 (17)	5/32 Hex	5/64 Hex
					6–4 AWG (16–25 mm ²): 45 (5.1)					
					8 AWG (10 mm ²): 40 (4.5)					
					14–10 AWG (2.5–6 mm ²): 35 (4.0)					

NOTE: Terminal plug (for plugging unused openings) not applicable.



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(1) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(2) See Enclosed Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 45.

200 A Cu and Al



NSYEBAD12611



NSYEBAD12611

Features:

- 35 mm DIN rail or panel mounted
- Maximum voltage rating 600
- Current Rating, Cu Wire 200
- Thermoplastic base
- Zinc-plated steel terminal set screw
- Zinc-plated steel connector mounting screw
- Temperature rating of -40 to 125°C (-40 to 257°F)
- Flammability rating of UL94V-0
- Dimensions (D) x (H) x (W): 3.61 x 2.71 x 1.11 in. (91.7 x 68.9 x 28.2 mm)

Table 2 - NSYEB Linergy Terminal Blocks: 200 A Cu and Al

Cat. No.	Current Rating, Al Wire	SCCR with Fuses	Wire Range ⁽³⁾		Tightening Torque: lb-in (N•m)		Wire Strip Length in. (mm)		Terminal Screw Drive	
			Line	Load	Line	Load	Line	Load	Line	Load
NSYEBAD12611	155	Up to 100 kA ⁽⁴⁾	Cu: (1) 14 AWG-3/0 (2.5-95 mm ²)	Cu: (1) 14 AWG-3/0 (2.5-95 mm ²)	Cu: 8 AWG-3/0 (10-70 mm ²): 180 (20.3)	Cu: 8 AWG-3/0 (10-70 mm ²): 180 (20.3)	7/8 (18)	7/8 (18)	6 mm Hex	6 mm Hex
			Al: (1) 6 AWG-3/0	Al: (1) 6 AWG-3/0	Cu: 14-10 AWG (2.5-6 mm ²): 50 (5.6)	Cu: 14-10 AWG (2.5-6 mm ²): 50 (5.6)				
					Al: 6 AWG-3/0: 180 (20.3)	Al: 6 AWG-3/0: 180 (20.3)				
NSYEBAD12611	-	Up to 65 kA ⁽⁴⁾	Cu: (1) 14 AWG-3/0 (2.5-95 mm ²)	Cu: (1) 14 AWG-3/0 (2.5-95 mm ²)	Cu: 8 AWG-3/0 (10-70 mm ²): 180 (20.3)	Cu: 8 AWG-3/0 (10-70 mm ²): 180 (20.3)	7/8 (18)	7/8 (18)	6 mm Hex	6 mm Hex
					Cu: 14-10 AWG (2.5-6 mm ²): 50 (5.6)	Cu: 14-10 AWG (2.5-6 mm ²): 50 (5.6)				

NOTE: Terminal plug (for plugging unused openings) not applicable.



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⁽³⁾ See Wire Classes—Enclosed Power Distribution Blocks, page 63.

⁽⁴⁾ See Enclosed Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 45.

335 A Cu and Al

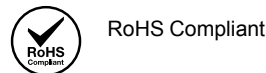
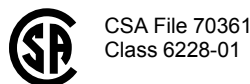
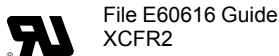


Features:

- 35 mm DIN rail or panel mounted
- Maximum voltage rating 600
- Current Rating, Cu Wire 335
- SCCR with fuses up to 10 kA or 100 kA⁽⁵⁾
- Lugs suitable for use with 75°C Conductors
- Line side terminal screw drive 8 mm and 6 mm Hex
 - Material: 8 mm Hex–tin-plated aluminum, and 5 mm Hex–zinc-plated steel
- Load side terminal screw drive 5 mm Hex
 - Material: Zinc-plated steel
- Thermoplastic base material
- Zinc-plated steel connector mounting screw
- Temperature rating of -40 to 125°C (-40 to 257°F)
- Flammability rating of UL94V-0
- Terminal plug (for plugging unused openings): NSYEBP2 (2 AWG), NSYEBP20 (2/0 AWG), and NSYEBP400 (400 kcmil)
- Dimensions (D) x (H) x (W): 4.72 x 3.14 x 2.27 in. (114.5 x 79.8 x 57.6 mm)

Table 3 - NSYEB Linergy Terminal Blocks: 335 A Cu and Al

Cat. No.	Current Rating, Al Wire	Wire Range ⁽⁶⁾		Tightening Torque: lb-in (N·m)		Wire Strip Length in. (mm)		Lug Material
		Line	Load	Line	Load	Line	Load	
NSYEBAD13618	270	Cu: (1) 6 AWG–400 kcmil (16–202.7 mm ²) Cu: (1) 14–3/0 AWG (2.5–95 mm ²) Al: (1) 6 AWG–400 kcmil Al: (1) 6 AWG–3/0	Cu: (8) 14–2 AWG (2.5–35 mm ²) Al: (8) 6–2 AWG	Cu: 2/0–400 kcmil (70–185 mm ²): 375 (42.2) Cu: 6–1/0 (16–50 mm ²): 275 (31) Al: 2/0–400 kcmil: 375 (42.2) Al: 6–1/0: 275 (31)	Cu: 6–2 AWG (16–25 mm ²): 80 (9)	1–7/16 (36) and 1 (250)	5/8 (16)	Tin-plated Aluminum
				Cu: 1–3/0 (35–75 mm ²): 120 (13.5) Cu: 6–2 AWG (16–25 mm ²): 80 (9) Cu: 14–8 AWG (2.5–10 mm ²): 40 (4.5)	Cu: 14–8 AWG (2.5–10 mm ²): 40 (4.5) Al: 6–2 AWG: 80 (9)			
				Al: 1–3/0: 120 (13.5) Al: 6–2 AWG: 80 (9)				
NSYEBAD13618	N/A	Cu: (1) 6 AWG–400 kcmil (16–202.7 mm ²) Cu: (1) 14–3/0 AWG (2.5–95 mm ²)	Cu: (8) 14–2 AWG (2.5–35 mm ²)	Cu: 2/0–400 kcmil (70–185 mm ²): 375 (42.2) Cu: 6–1/0 (16–50 mm ²): 275 (31)	Cu: 6–2 AWG (16–25 mm ²): 80 (9)	1–7/16 (36) and 1 (250)	5/8 (16)	Tin-plated Copper
				Cu: 1–3/0 (35–75 mm ²): 120 (13.5) Cu: 6–2 AWG (16–25 mm ²): 80 (9) Cu: 14–8 AWG (2.5–10 mm ²): 40 (4.5)	Cu: 14–8 AWG (2.5–10 mm ²): 40 (4.5)			



⁽⁵⁾ See Enclosed Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 45.

⁽⁶⁾ See Wire Classes–Enclosed Power Distribution Blocks, page 63.

510 A Cu, 410 A Al



NSYEBAD25622



NSYEBAD25622

Features:

- 35 mm DIN rail or panel mounted
- Maximum voltage rating 600
- Current Rating, Cu Wire 510
- SCCR with fuses up to 10 kA or 100 kA⁽⁷⁾
- Lugs suitable for use with 75°C Conductors
- Line side and load side terminal screw drive 8 mm Hex
- Thermoplastic base material
- Tin-plated aluminum terminal set screw
- Zinc-plated steel connector mounting screw
- Temperature rating of -40 to 125°C (-40 to 257°F)
- Flammability rating of UL94V-0
- Terminal plug (for plugging unused openings): NSYEBP250 (250 kcmil)
- Dimensions (D) x (H) x (W): 4.72 x 3.14 x 2.27 in. (114.5 x 79.8 x 57.6 mm)

Table 4 - NSYEB Linergy Terminal Blocks: 510 A Cu, 410 A Al

Cat. No.	Current Rating, Al Wire	Wire Range ⁽⁸⁾		Tightening Torque: lb-in (N•m)		Lug Material
		Line	Load	Line	Load	
NSYEBAD25622	410	Cu: (2) 6 AWG–250 kcmil (16–126.7 mm ²)	Cu: (2) 6 AWG–250 kcmil (16–126.7 mm ²)	Cu: 1 AWG–250 kcmil (50–120 mm ²): 275 (31.0)	Cu: 1 AWG–250 kcmil (50–120 mm ²): 275 (31.0)	Tin-plated Aluminum
				Cu: 6–2 AWG (16–35 mm ²): 120 (13.5)	Cu: 6–2 AWG (16–35 mm ²): 120 (13.5)	
		Al: (2) 6 AWG–250 kcmil	Al: (2) 6 AWG–250 kcmil	Al: 1 AWG–250 kcmil: 275 (31.0)	Al: 1 AWG–250 kcmil: 275 (31.0)	
				Al: 6–2 AWG: 120 (13.5)	Al: 6–2 AWG: 120 (13.5)	
NSYEBAD25622	–	Cu: (2) 6 AWG–250 kcmil (16–126.7 mm ²)	Cu: (2) 6 AWG–250 kcmil (16–126.7 mm ²)	Cu: 1 AWG–250 kcmil (50–120 mm ²): 275 (31.0)	Cu: 1 AWG–250 kcmil (50–120 mm ²): 275 (31.0) Tin-plated Copper	
				Cu: 6–2 AWG (16–35 mm ²): 120 (13.5)	Cu: 6–2 AWG (16–35 mm ²): 120 (13.5)	



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⁽⁷⁾ See Enclosed Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 45.

⁽⁸⁾ See Wire Classes–Enclosed Power Distribution Blocks, page 63.

760 A Cu, 620 A Al



NSYEBAD27622



NSYEBAP27628

Features:

- Panel mounted
- Maximum voltage rating 600
- Current Rating, Cu Wire 760
- SCCR with fuses up to 100 kA⁽⁹⁾
- Line side terminal screw drive 8 mm Hex
- Thermoplastic base material
- Zinc-plated steel connector mounting screw
- Temperature rating of -40 to 125°C (-40 to 257°F)
- Flammability rating of UL94V-0
- Terminal plug (for plugging unused openings): NSYEBP500 (500 kcmil)
- Dimensions (D) x (H) x (W): 4.63 x 3.35 x 2.54 in. (1174.5 x 85.1 x 64.6 mm)

Table 5 - NSYEB Linergy Terminal Blocks: 760 A Cu, 620 A Al

Cat. No.	Current Rating, Al Wire	Wire Range ⁽¹⁰⁾		Lugs Suitable for Use With	Tightening Torque: lb-in (N•m)		Wire Strip Length in. (mm)		Lug Material	Terminal Set Screw Material
		Line	Load		Line	Load	Line	Load		
NSYEBAD27622	620	Cu: (2) 4 AWG-500 kcmil (25–240 mm ²)	Cu: (2) 4 AWG-500 kcmil (25–240 mm ²)	75°C Conductors	Cu: 4 AWG-500 kcmil (25–240 mm ²): 375 (42.4)	Cu: 4 AWG-500 kcmil (25–240 mm ²): 375 (42.4)	1–1/2 (38)	1–1/2 (38)	Tin-plated Aluminum	Tin-plated Aluminum
		Al: (2) 4 AWG-500 kcmil	Al: (2) 4 AWG-500 kcmil		Al: 4 AWG-500 kcmil: 375 (42.4)	Al: 4 AWG-500 kcmil: 375 (42.4)				
NSYEBAP27628	–	Cu: (2) 4 AWG-500 kcmil (25–240 mm ²)	Cu: (8) 14–2/0 AWG (2.5–70 mm ²)	75°C or 90°C Conductors	Cu: 4 AWG-500 kcmil (25–240 mm ²): 375 (42.4)	Cu: 6–2/0 AWG (16–70 mm ²): 120 (13.6)	1–3/8 (35)	Top: 7/8 (22) Bottom: 1–3/8 (35)	Tin-plated Copper	Tin-plated Aluminum
			Al: (8) 6–2/0 AWG		Al: 4 AWG-500 kcmil: 375 (42.4)	Cu: 8 AWG (10 mm ²): 40 (4.5)				Cu: 14–10 AWG (2.5–6): 35 (4.0)
			Cu: (8) 14–2/0 AWG (2.5–70 mm ²)		Cu: 4 AWG-500 kcmil (25–240 mm ²): 375 (42.4)	Cu: 6–2/0 AWG (16–70 mm ²): 120 (13.6)				
						Cu: 8 AWG (10 mm ²): 40 (4.5)				
						Cu: 14–10 AWG (2.5–6): 35 (4.0)				



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⁽⁹⁾ See Enclosed Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 45.

⁽¹⁰⁾ See Wire Classes–Enclosed Power Distribution Blocks, page 63.

9080 LBA Power Distribution Blocks

115–175 A Cu, 90–135 A Al



9080LBA161101



9080LBA161104



9080LBA162101L



9080LBA162104L

Features:

- Maximum voltage rating 600
- Service Class C
- Lugs suitable for use with 75°C conductors
- Tin-plated high conductive lug material, Al
- High impact thermoplastic base material
- Temperature rating of -40 to +125°C (-40 to +257°F)
- Flammability rating of UL94V-0

Table 6 - 9080LBA Linergy Power Distribution Blocks: 115–175 A Cu, 90–135 A Al

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽¹¹⁾		Tightening Torque: lb-in (N•m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkrs	With Fuses	Main	Branch	Main	Branch		
One-pole Blocks										
9080LBA161101	115 A	90 A	(12)	(13)	(1) 14–2 AWG (2.5–35 mm ²)	(1) 14–2 AWG (2.5–35 mm ²)	3–2 AWG (35 mm ²): 50 (5.6)	3–2 AWG (35 mm ²): 50 (5.6)	9080LB11	1.62 x 2.29 x 0.85 in. (41.20 x 58.1 x 21.46 mm)
							6–4 AWG (16–25 mm ²): 45 (5.1)	6–4 AWG (16–25 mm ²): 45 (5.1)		
							8 AWG (10 mm ²): 40 (4.5)	8 AWG (10 mm ²): 40 (4.5)		
							14–10 AWG (2.5–6 mm ²): 35 (4.0)	14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA161104	115 A	90 A	(12)	(13)	(1) 14–2 AWG (2.5–35 mm ²)	(4) 18–10 AWG (1.0–6 mm ²)	3–2 AWG (35 mm ²): 50 (5.6)	18–10 AWG (1.0–6 mm ²): 7 (0.8)	9080LB11	1.62 x 2.29 x 0.85 in. (41.20 x 58.1 x 21.46 mm)
							6–4 AWG (16–25 mm ²): 45 (5.1)			
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			

(11) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(12) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(13) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 6 - 9080LBA Linergy Power Distribution Blocks: 115–175 A Cu, 90–135 A Al (Continued)

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽¹⁴⁾		Tightening Torque: lb-in (N·m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkrs	With Fuses	Main	Branch	Main	Branch		
Standard 9080LBA162101L	175 A	135 A	(15)	(16)	(1) 14–2/0 AWG (2.5–70 mm ²)	(1) 14–2/0 AWG (2.5–70 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	9080LB21L	3.00 x 3.27 x 1.02 (76.2 x 83.1 x 25.9)
							8 AWG (10 mm ²): 40 (4.5)	8 AWG (10 mm ²): 40 (4.5)		
							14–10 AWG (2.5–6 mm ²): 35 (4.0)	14–10 AWG (2.5–6 mm ²): 35 (4.0)		
Standard 9080LBA162104L	175 A	135 A	(15)	(16)	(1) 14–2/0 AWG (2.5–70 mm ²)	(4) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB21L	3.00 x 3.27 x 1.02 (76.2 x 83.1 x 25.9)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
Two-pole Blocks										
Miniature 9080LBA261104	115 A	90 A	(15)	(16)	(1) 14–2 AWG (2.5–35 mm ²)	(4) 18–10 AWG (1.0–6 mm ²)	3–2 AWG (35 mm ²): 50 (5.6)	18–10 AWG (1.0–6 mm ²): 7 (0.8)	9080LB12	1.62 x 2.29 x 1.48 in. (41.20 x 58.1 x 37.59 mm)
							6–4 AWG (16–25 mm ²): 45 (5.1)			
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			

(14) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(15) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(16) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 6 - 9080LBA Linergy Power Distribution Blocks: 115–175 A Cu, 90–135 A Al (Continued)

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽¹⁷⁾		Tightening Torque: lb-in (N·m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkrs	With Fuses	Main	Branch	Main	Branch		
9080LBA262101L	175 A	135 A	(18)	(19)	(1) 14–2/0 AWG (2.5–70 mm ²)	(1) 14–2/0 AWG (2.5–70 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	9080LB21L (x2)	3.00 x 3.27 x 1.84 (76.2 x 83.1 x 46.7)
							8 AWG (10 mm ²): 40 (4.5)	8 AWG (10 mm ²): 40 (4.5)		
							14–10 AWG (2.5–6 mm ²): 35 (4.0)	14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA262104L	175 A	135 A	(18)	(19)	(1) 14–2/0 AWG (2.5–70 mm ²)	(4) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB21L (x2)	3.00 x 3.27 x 1.84 (76.2 x 83.1 x 46.7)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
Three-pole Blocks										
9080LBA361101	115 A	90 A	(18)	(19)	(1) 14–2 AWG (2.5–35 mm ²)	(1) 14–2 AWG (2.5–35 mm ²)	3–2 AWG (35 mm ²): 50 (5.6)	3–2 AWG (35 mm ²): 50 (5.6)	9080LB13	1.62 x 2.29 x 2.12 in. (41.20 x 58.1 x 53.72 mm)
							6–4 AWG (16–25 mm ²): 45 (5.1)	6–4 AWG (16–25 mm ²): 45 (5.1)		
							8 AWG (10 mm ²): 40 (4.5)	8 AWG (10 mm ²): 40 (4.5)		
							14–10 AWG (2.5–6 mm ²): 35 (4.0)	14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA361104	115 A	90 A	(18)	(19)	(1) 14–2 AWG (2.5–35 mm ²)	(4) 18–10 AWG (1.0–6 mm ²)	3–2 AWG (35 mm ²): 50 (5.6)	18–10 AWG (1.0–6 mm ²): 7 (0.8)	9080LB13	1.62 x 2.29 x 2.12 in. (41.20 x 58.1 x 53.72 mm)
							6–4 AWG (16–25 mm ²): 45 (5.1)			
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			

(17) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(18) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(19) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 6 - 9080LBA Linergy Power Distribution Blocks: 115–175 A Cu, 90–135 A Al (Continued)

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽²⁰⁾		Tightening Torque: lb-in (N•m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkr	With Fuses	Main	Branch	Main	Branch		
Standard 9080LBA362101L	175 A	135 A	(21)	(22)	(1) 14–2/0 AWG (2.5–70 mm ²)	(1) 14–2/0 AWG (2.5–70 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	9080LB23L	3.00 x 3.27 x 2.56 in. (76.2 x 83.1 x 65.0 mm)
							8 AWG (10 mm ²): 40 (4.5)	8 AWG (10 mm ²): 40 (4.5)		
							14–10 AWG (2.5–6 mm ²): 35 (4.0)	14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA362104L	175 A	135 A	(21)	(22)	(1) 14–2/0 AWG (2.5–70 mm ²)	(4) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB23L	3.00 x 3.27 x 2.56 in. (76.2 x 83.1 x 65.0 mm)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			



310–350 A Cu, 250–270 A Al



9080LBA163101L



9080LBA163106L



9080LBA363206L

Features:

- Maximum voltage rating 600
- Service Class C
- Lugs suitable for use with 75°C conductors
- Tin-plated high conductive lug material, Al
- High impact thermoplastic base material
- Temperature rating of -40 to +125°C (-40 to +257°F)
- Flammability rating of UL94V-0

⁽²⁰⁾ See Wire Classes—Enclosed Power Distribution Blocks, page 63.

⁽²¹⁾ See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

⁽²²⁾ See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 7 - 9080LBA Linergy Power Distribution Blocks: 310–350 A Cu, 250–270 A Al

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽²³⁾		Tightening Torque: lb-in (N·m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkr	With Fuses	Main	Branch	Main	Branch		
One-pole Blocks										
9080LBA163101L	310 A	250 A	(24)	(25)	(1) #6–350 MCM (16–185 mm ²)	(1) #6–350 MCM (16–185 mm ²)	#6–350 MCM (16–150 mm ²): 275 (31.0)	#6–350 MCM (16–150 mm ²): 275 (31.0)	9080LB31L	3.92 x 5.00 x 2.17 (99.6 x 127.0 x 55.1)
9080LBA163106L	335 A	270 A	(24)	(25)	(1) #6–400 MCM (16–202.7 mm ²)	(6) 14–2 AWG (2.5–35 mm ²)	#6–400 MCM (16–185 mm ²): 275 (31.0)	3–2 AWG (35 mm ²): 50 (5.6)	9080LB31L	3.92 x 5.00 x 2.17 (99.6 x 127.0 x 55.1)
								6–4 AWG (16–25 mm ²): 45 (5.1)		
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA163206L	350 A	270 A	(24)	(25)	(2) #14–2/0 AWG (2.5–70 mm ²)	(6) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB31L	3.92 x 5.00 x 2.17 (99.6 x 127.0 x 55.1)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
Two-pole Blocks										
9080LBA263101L	310 A	250 A	(24)	(25)	(1) #6–350 MCM (16–185 mm ²)	(1) #6–350 MCM (16–185 mm ²)	#6–350 MCM (16–150 mm ²): 275 (31.0)	#6–350 MCM (16–150 mm ²): 275 (31.0)	9080LB31L (x2)	3.92 x 5.00 x 4.24 in. (99.6 x 127.0 x 107.7 mm)
9080LBA263106L	335 A	270 A	(24)	(25)	(1) #6–400 MCM (16–202.7 mm ²)	(6) 14–2 AWG (2.5–35 mm ²)	#6–400 MCM (16–185 mm ²): 275 (31.0)	3–2 AWG (35 mm ²): 50 (5.6)	9080LB31L (x2)	3.92 x 5.00 x 4.24 in. (99.6 x 127.0 x 107.7 mm)
								6–4 AWG (16–25 mm ²): 45 (5.1)		
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA263206L	350 A	270 A	(24)	(25)	(2) #14–2/0 AWG (2.5–70 mm ²)	(6) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB31L (x2)	3.92 x 5.00 x 4.24 in. (99.6 x 127.0 x 107.7 mm)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
Three-pole Blocks										
9080LBA363101L	310 A	250 A	(24)	(25)	(1) #6–350 MCM (16–185 mm ²)	(1) #6–350 MCM (16–185 mm ²)	#6–350 MCM (16–150 mm ²): 275 (31.0)	#6–350 MCM (16–150 mm ²): 275 (31.0)	9080LB33L	3.92 x 5.00 x 5.64 in. (99.6 x 127.0 x 143.3 mm)

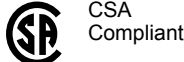
(23) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(24) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(25) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 7 - 9080LBA Linergy Power Distribution Blocks: 310–350 A Cu, 250–270 A Al (Continued)

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽²⁶⁾		Tightening Torque: lb-in (N·m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkrs	With Fuses	Main	Branch	Main	Branch		
9080LBA363106L	335 A	270 A	(27)	(28)	(1) #6–400 MCM (16–202.7 mm ²)	(6) 14–2 AWG (2.5–35 mm ²)	#6–400 MCM (16–185 mm ²): 275 (31.0)	3–2 AWG (35 mm ²): 50 (5.6)	9080LB33L	3.92 x 5.00 x 5.64 in. (99.6 x 127.0 x 143.3 mm)
								6–4 AWG (16–25 mm ²): 45 (5.1)		
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA363206L	350 A	270 A	(27)	(28)	(2) #14–2/0 AWG (2.5–70 mm ²)	(6) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	9080LB33L	3.92 x 5.00 x 5.64 in. (99.6 x 127.0 x 143.3 mm)	
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			



335–420 A Cu, 270–340 A Al



9080LBA164101L



9080LBA164108L



9080LBA165106L



9080LBA165112L

Features:

- Maximum voltage rating 600
- Service Class C
- Lugs suitable for use with 75°C conductors
- Tin-plated high conductive lug material, Al
- High impact thermoplastic base material
- Temperature rating of -40 to +125°C (-40 to +257°F)
- Flammability rating of UL94V-0

⁽²⁶⁾ See Wire Classes–Enclosed Power Distribution Blocks, page 63.

⁽²⁷⁾ See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

⁽²⁸⁾ See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 8 - 9080LBA Linergy Power Distribution Blocks: 335–420 A Cu, 270–340 A Al

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽²⁹⁾		Tightening Torque: lb-in (N•m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkrs	With Fuses	Main	Branch	Main	Branch		
One-pole Blocks										
9080LBA164101L	420 A	340 A	(30)	(31)	#2-600 MCM (35–300 mm ²)	#2-600 MCM (35–300 mm ²)	#2-600 MCM (35-300 mm ²): 375 (42.4)	#2-600 MCM (35-300 mm ²): 375 (42.4)	9080LB31L	3.92 x 5.00 x 2.17 in. (99.6 x 127.0 x 55.1 mm)
9080LBA164108L	420 A	340 A	(30)	(31)	#2-600 MCM (35–300 mm ²)	(8) 14–2 AWG (2.5–35 mm ²)	#2-600 MCM (35-300 mm ²): 375 (42.4)	2 AWG (35 mm ²): 50 (5.6)	9080LB31L	3.92 x 5.00 x 2.17 in. (99.6 x 127.0 x 55.1 mm)
								6–4 AWG (16–25 mm ²): 45 (5.1)		
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA165106L	380 A	310 A	(30)	(31)	(1) #4–500 MCM (25–240 mm ²)	(6) #14–2/0 AWG (2.5–70 mm ²)	#4–500 MCM (25-240 mm ²): 375 (42.3)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	9080LB51L	3.92 x 5.50 x 2.88 in. (99.6 x 193.7 x 73.2 mm)
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA165112L	380 A	310 A	(30)	(31)	(1) #4–500 MCM (25–240 mm ²)	(12) 14–2 AWG (2.5–35 mm ²)	#4–500 MCM (25-240 mm ²): 375 (42.3)	2 AWG (35 mm ²): 50 (5.6)	9080LB51L	3.92 x 5.50 x 2.88 in. (99.6 x 193.7 x 73.2 mm)
								6–4 AWG (16–25 mm ²): 45 (5.1)		
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
Two-pole Blocks										

(29) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(30) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(31) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 8 - 9080LBA Linergy Power Distribution Blocks: 335–420 A Cu, 270–340 A Al (Continued)

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽³²⁾		Tightening Torque: lb-in (N·m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkrs	With Fuses	Main	Branch	Main	Branch		
9080LBA264108L	420 A	340 A	(33)	(34)	#2-600 MCM (35–300 mm ²)	(8) 14–2 AWG (2.5–35 mm ²)	#2-600 MCM (35–300 mm ²): 375 (42.4)	2 AWG (35 mm ²): 50 (5.6)	9080LB31L (x2)	3.92 x 5.00 x 4.24 in. (99.6 x 127.0 x 107.7 mm)
								6–4 AWG (16–25 mm ²): 45 (5.1)		
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA265106L	380 A	310 A	(33)	(34)	(1) #4–500 MCM (25–240 mm ²)	(6) #14–2/0 AWG (2.5–70 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	9080LB52L	3.92 x 5.50 x 5.59 in. (99.6 x 142 mm)
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA265112L	380 A	310 A	(33)	(34)	(1) #4–500 MCM (25–240 mm ²)	(12) 14–2 AWG (2.5–35 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	2 AWG (35 mm ²): 50 (5.6)	9080LB52L	3.92 x 5.50 x 5.59 in. (99.6 x 142 mm)
								6–4 AWG (16–25 mm ²): 45 (5.1)		
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
Three-pole Blocks										
9080LBA364101L	420 A	340 A	(33)	–	#2-600 MCM (35–300 mm ²)	#2-600 MCM (35–300 mm ²)	#2-600 MCM (35–300 mm ²): 375 (42.4)	#2-600 MCM (35–300 mm ²): 375 (42.4)	9080LB33L	3.92 x 5.00 x 5.64 in. (99.6 x 127.0 x 143.3 mm)
9080LBA364108L	420 A	340 A	(33)	(34)	#2-600 MCM (35–300 mm ²)	(8) 14–2 AWG (2.5–35 mm ²)	#2-600 MCM (35–300 mm ²): 375 (42.4)	2 AWG (35 mm ²): 50 (5.6)	9080LB33L	3.92 x 5.00 x 5.64 in. (99.6 x 127.0 x 143.3 mm)
								6–4 AWG (16–25 mm ²): 45 (5.1)		
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		

(32) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(33) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(34) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 8 - 9080LBA Linergy Power Distribution Blocks: 335–420 A Cu, 270–340 A Al (Continued)

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽³⁵⁾		Tightening Torque: lb-in (N•m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkr	With Fuses	Main	Branch	Main	Branch		
9080LBA365106L	380 A	310 A	(36)	(37)	(1) #4–500 MCM (25–240 mm ²)	(6) #14–2/0 AWG (2.5–70 mm ²)	#4–500 MCM (25–240 mm ²):375 (42.3)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	9080LB53L	3.92 x 5.50 x 8.25 in. (99.6 x 193.7 x 209.6 mm)
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBA365112L	380 A	310 A	(36)	(37)	(1) #4–500 MCM (25–240 mm ²)	(12) 14–2 AWG (2.5–35 mm ²)	#4–500 MCM (25–240 mm ²):375 (42.3)	2 AWG (35 mm ²): 50 (5.6)	9080LB53L	3.92 x 5.50 x 8.25 in. (99.6 x 193.7 x 209.6 mm)
								6–4 AWG (16–25 mm ²): 45 (5.1)		
								8 AWG (10 mm ²): 40 (4.5)		
								14–10 AWG (2.5–6 mm ²): 35 (4.0)		



RoHS Compliant

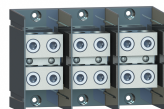


CE Marked

620–760 A Cu, 500–620 A Al



9080LBA165202L



9080LBA1652021L



9080LBA165208L



9080LBA165212L

Features:

- Maximum voltage rating 600
- Service Class C
- Lugs suitable for use with 75°C conductors
- Tin-plated high conductive lug material, Al
- High impact thermoplastic base material
- Temperature rating of -40 to +125°C (-40 to +257°F)
- Flammability rating of UL94V-0

⁽³⁵⁾ See Wire Classes–Enclosed Power Distribution Blocks, page 63.

⁽³⁶⁾ See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

⁽³⁷⁾ See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 9 - 9080LBA Linergy Power Distribution Blocks: 620–760 A Cu, 500–620 A Al

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽³⁸⁾		Tightening Torque: lb-in (N•m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkr	With Fuses	Main	Branch	Main	Branch		
One-pole Blocks										
9080LBA165202L	620 A	500 A	(39)	(40)	(2) #4–350 MCM (25-185 mm ²)	(2) #4–350 MCM (25-185 mm ²)	#4–350 MCM (25–185 mm ²): 275 (31.0)	#4–350 MCM (25–185 mm ²): 275 (31.0)	9080LB51L	3.92 x 5.50 x 2.88 (99.6 x 193.7 x 73.2)
9080LBA1652021L	760 A	620 A	(39)	(40)	(2) #4–500 MCM (25–240 mm ²)	(2) #4–500 MCM (25–240 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	#4–500 MCM (25–240 mm ²): 375 (42.3)	9080LB51L	3.92 x 5.50 x 2.88 (99.6 x 193.7 x 73.2)
9080LBA165208L	760 A	620 A	(39)	(40)	(2) #4–500 MCM (25–240 mm ²)	(8) 14–2/0 AWG (2.5-70 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	6–2/0 AWG (16–70 mm ²): 120 (13.5) 8 AWG (10 mm ²): 40 (4.5) 14–10 AWG (2.5-6 mm ²): 35 (4.0)	9080LB51L	3.92 x 5.50 x 2.88 (99.6 x 193.7 x 73.2)
9080LBA165212L	620 A	500 A	(39)	(40)	(2) #4–500 MCM (25-240 mm ²)	(12) 14–4 AWG (2.5–25 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	14–4 AWG (2.5-16 mm ²): 35 (4.0)	9080LB51L	3.92 x 5.50 x 2.88 (99.6 x 193.7 x 73.2)
Two-pole Blocks										
9080LBA265202L	760 A	620 A	(39)	(40)	(2) #4–350 MCM (25-185 mm ²)	(2) #4–350 MCM (25-185 mm ²)	#4–350 MCM (25–185 mm ²): 275 (31.0)	#4–350 MCM (25–185 mm ²): 275 (31.0)	9080LB52L	3.92 x 5.50 x 5.59 (99.6 x 193.7 x 142)
9080LBA2652021L	760 A	620 A	(39)	(40)	(2) #4–500 MCM (25–240 mm ²)	(2) #4–500 MCM (25–240 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	#4–500 MCM (25–240 mm ²): 375 (42.3)	9080LB52L	3.92 x 5.50 x 5.59 (99.6 x 193.7 x 142)
9080LBA265208L	760 A	620 A	(39)	(40)	(2) #4–500 MCM (25–240 mm ²)	(8) 14–2/0 AWG (2.5-70 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	6–2/0 AWG (16–70 mm ²): 120 (13.5) 8 AWG (10 mm ²): 40 (4.5) 14–10 AWG (2.5-6 mm ²): 35 (4.0)	9080LB52L	3.92 x 5.50 x 5.5 (99.6 x 193.7 x 142)

(38) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(39) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(40) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 9 - 9080LBA Linergy Power Distribution Blocks: 620–760 A Cu, 500–620 A Al (Continued)

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽⁴¹⁾		Tightening Torque: lb-in (N•m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkrs	With Fuses	Main	Branch	Main	Branch		
9080LBA265212L	760 A	620 A	(42)	(43)	(2) #4–500 MCM (25–240 mm ²)	(12) 14–4 AWG (2.5–25 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB52L	3.92 x 5.50 x 5.59 (99.6 x 193.7 x 142)
Three-pole Blocks										
9080LBA365202L	760 A	620 A	(42)	(43)	(2) #4–350 MCM (25–185 mm ²)	(2) #4–350 MCM (25–185 mm ²)	#4–350 MCM (25–185 mm ²): 275 (31.0)	#4–350 MCM (25–185 mm ²): 275 (31.0)	9080LB53L	3.92 x 5.50 x 8.25 (99.6 x 193.7 x 209.6)
9080LBA3652021L	760 A	620 A	(42)	(43)	(2) #4–500 MCM (25–240 mm ²)	(2) #4–500 MCM (25–240 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	#4–500 MCM (25–240 mm ²): 375 (42.3)	9080LB53L	3.92 x 5.50 x 8.25 (99.6 x 193.7 x 209.6)
9080LBA365208L	760 A	620 A	(42)	(43)	(2) #4–500 MCM (25–240 mm ²)	(8) 14–2/0 AWG (2.5–70 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	6–2/0 AWG (16–70 mm ²): 120 (13.5) 8 AWG (10 mm ²): 40 (4.5) 14–10 AWG (2.5–6 mm ²): 35 (4.0)	9080LB53L	3.92 x 5.50 x 8.25 (99.6 x 193.7 x 209.6)
9080LBA365212L	760 A	620 A	(42)	(43)	(2) #4–500 MCM (25–240 mm ²)	(12) 14–4 AWG (2.5–25 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB53L	3.92 x 5.50 x 8.25 (99.6 x 193.7 x 209.6)



RoHS Compliant



(41) See Wire Classes–Enclosed Power Distribution Blocks, page 63.

(42) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(43) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

9080LBA and 9080LBC Power Distribution Blocks

150–255 A Cu, 135 A Al



9080LBA362106L



9080LBC162101L



9080LBC162104L



9080LBC163101L

Features:

- Maximum voltage rating 600
- Service Class C
- Lugs suitable for use with 75°C conductors
- Tin-plated high conductive lug material, Al and Cu
- High impact thermoplastic base material
- Temperature rating of -40 to +125°C (-40 to +257°F)
- Flammability rating of UL94V-0

Table 10 - 9080LBA and 9080LBC Linergy Power Distribution Blocks Copper Wire Only or Aluminum/Copper Wire: 150–255 A Cu, 135 A Al

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽⁴⁴⁾		Tightening Torque: lb-in (N·m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkr	With Fuses	Main	Branch	Main	Branch		
One-pole Blocks										
9080LBC162101L	150 A	–	(45)	(46)	(1) 14–2/0 AWG (2.5–70 mm ²)	(1) 14–2/0 AWG (2.5–70 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	9080LB21L	3.00 x 3.27 x 1.02 in. (6.2 x 83.1 x 25.9 mm)
							8 AWG (10 mm ²): 40 (4.5)	8 AWG (10 mm ²): 40 (4.5)		
							14–10 AWG (2.5–6 mm ²): 35 (4.0)	14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBC162104L	175 A	–	(45)	(46)	(1) 14–2/0 AWG (2.5–70 mm ²)	(4) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB21L	3.00 x 3.27 x 1.02 in. (6.2 x 83.1 x 25.9 mm)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			

(44) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(45) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(46) 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 10 - 9080LBA and 9080LBC Linergy Power Distribution Blocks Copper Wire Only or Aluminum/Copper Wire: 150–255 A Cu, 135 A Al (Continued)

Cat. No.	Current Rating		SCCR		Wire Range Limited to Wire Class ⁽⁴⁷⁾		Tightening Torque: lb-in (N•m)		Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
	Cu	Al	With Circuit Brkrs	With Fuses	Main	Branch	Main	Branch		
Two-pole Blocks										
9080LBC262104L	175 A	–	(48)	(49)	(1) 14–2/0 AWG (2.5–70 mm ²)	(4) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB21L (x2)	3.00 x 3.27 x 1.84 in. (6.2 x 83.1 x 46.7 mm)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
Three-pole Blocks										
9080LBA362106L	175 A	135 A	(48)	(49)	(1) 14–2/0 AWG (2.5–70 mm ²)	(6) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB33L	3.92 x 5.00 x 5.64 in. (99.6 x 127.0 x 143.3 mm)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
9080LBC362101L	150 A	–	(48)	(49)	(1) 14–2/0 AWG (2.5–70 mm ²)	(1) 14–2/0 AWG (2.5–70 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	9080LB23L	3.00 x 3.27 x 2.56 in. (76.2 x 83.1 x 65.0 mm)
							8 AWG (10 mm ²): 40 (4.5)	8 AWG (10 mm ²): 40 (4.5)		
							14–10 AWG (2.5–6 mm ²): 35 (4.0)	14–10 AWG (2.5–6 mm ²): 35 (4.0)		
9080LBC362104L	175 A	–	(48)	(49)	(1) 14–2/0 AWG (2.5–70 mm ²)	(4) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	9080LB23L	3.00 x 3.27 x 2.56 in. (76.2 x 83.1 x 65.0 mm)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			



RoHS Compliant



(47) See Wire Classes–Enclosed Power Distribution Blocks, page 63.

(48) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(49) 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

350–760 A Cu



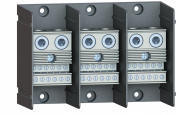
9080LBC163106L



9080LBC163206L



9080LBC165208L



9080LBC165212L

Features:

- Maximum voltage rating 600
- Service Class C
- Lugs suitable for use with 75°C conductors
- High impact thermoplastic base material
- Temperature rating of -40 to +125°C (-40 to +257°F)
- Flammability rating of UL94V-0

Table 11 - 9080LBA and 9080LBC Linergy Power Distribution Blocks Copper Wire Only or Aluminum/Copper Wire: 150–255 A Cu, 135 A Al

Cat. No.	Current Rating Cu	SCCR		Wire Range Limited to Wire Class ⁽⁵⁰⁾		Tightening Torque: lb-in (N•m)		Lug Material	Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)	
		With Circuit Brkr	With Fuses	Main	Branch	Main	Branch				
One-pole Blocks											
9080LBC163106L	380 A	(51)	(52)	(1) #4–500 MCM (25–240 mm ²)	(6) 14–2 AWG (2.5–35 mm ²)	#6–500 MCM (16–240 mm ²): 375 (42.3)	2 AWG (35 mm ²): 50 (5.6)	Tin-plated high conductive Cu	9080LB31L	3.92 x 5.00 x 2.17 (99.6 x 127.0 x 55.1)	
							6–4 AWG (16–25 mm ²): 45 (5.1)				
							8 AWG (10 mm ²): 40 (4.5)				
							14–10 AWG (2.5–6 mm ²): 35 (4.0)				
9080LBC163206L	350 A	(51)	(52)	(2) 14–2/0 AWG (2.5–70 mm ²)	(6) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	14–4 AWG (2.5–16 mm ²): 35 (4.0)	Tin-plated High Conductive Cu	9080LB31L	3.92 x 5.00 x 2.17 (99.6 x 127.0 x 55.1)	
											8 AWG (10 mm ²): 40 (4.5)
											14–10 AWG (2.5–6 mm ²): 35 (4.0)
9080LBC165208L	760 A	(51)	(52)	(2) #4–500 MCM (25–240 mm ²)	(8) 14–2/0 AWG (2.5–70 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	Tin-plated High Conductive Cu	9080LB51L	3.92 x 5.50 x 2.88 (99.6 x 193.7 x 73.2)	
							8 AWG (10 mm ²): 40 (4.5)				
							14–10 AWG (2.5–6 mm ²): 35 (4.0)				

(50) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(51) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(52) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 11 - 9080LBA and 9080LBC Linergy Power Distribution Blocks Copper Wire Only or Aluminum/Copper Wire: 150–255 A Cu, 135 A Al (Continued)

Cat. No.	Current Rating Cu	SCCR		Wire Range Limited to Wire Class ⁽⁵³⁾		Tightening Torque: lb-in (N·m)		Lug Material	Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
		With Circuit Brks	With Fuses	Main	Branch	Main	Branch			
9080LBC165212L	760 A	(54)	(55)	(2) #4–500 MCM (25–240 mm ²)	(12) 14–2 AWG (2.5–35 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	2 AWG (35 mm ²): 50 (5.6)	Tin-plated High Conductive Cu	9080LB51L	3.92 x 5.00 x 2.88 (99.6 x 193.7 x 73.2)
							6–4 AWG (16–25 mm ²): 45 (5.1)			
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
Two-pole Blocks										
9080LBC263106L	350 A	(54)	(55)	#4–500 MCM (25–240 mm ²)	(6) 14–2 AWG (2.5–35 mm ²)	#6–500 MCM (16–240 mm ²): 375 (42.3)	2 AWG (35 mm ²): 50 (5.6)	Tin-plated High Conductive Cu	9080LB31L (x2)	3.92 x 5.00 x 4.24 (99.6 x 127.0 x 107.7)
							6–4 AWG (16–25 mm ²): 45 (5.1)			
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
9080LBC263206L	760 A	(54)	(55)	(2) 14–2/0 AWG (2.5–70 mm ²)	(6) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	8 AWG (10 mm ²): 40 (4.5)	Tin-plated High Conductive Cu	9080LB31L (x2)	3.92 x 5.00 x 4.24 (99.6 x 127.0 x 107.7)
						14–4 AWG (2.5–16 mm ²): 35 (4.0)				
						14–10 AWG (2.5–6 mm ²): 35 (4.0)				
Three-pole Blocks										
9080LBC363106L	380 A	(54)	(55)	(1) #4–500 MCM (25–240 mm ²)	(6) 14–2 AWG (2.5–35 mm ²)	#6–500 MCM (16–240 mm ²): 375 (42.3)	2 AWG (35 mm ²): 50 (5.6)	Tin-plated High Conductive Al	9080LB33L	3.92 x 5.00 x 5.64 (99.6 x 143.3)
							6–4 AWG (16–25 mm ²): 45 (5.1)			
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
9080LBC363206L	350 A	(54)	(55)	(2) 14–2/0 AWG (2.5–70 mm ²)	(6) 14–4 AWG (2.5–25 mm ²)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	8 AWG (10 mm ²): 40 (4.5)	Tin-plated High Conductive Cu	9080LB33L	3.92 x 5.00 x 5.64 (99.6 x 143.3)
						14–4 AWG (2.5–16 mm ²): 35 (4.0)				
						14–10 AWG (2.5–6 mm ²): 35 (4.0)				

(53) See Wire Classes–Enclosed Power Distribution Blocks, page 63.

(54) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(55) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Table 11 - 9080LBA and 9080LBC Linergy Power Distribution Blocks Copper Wire Only or Aluminum/Copper Wire: 150–255 A Cu, 135 A Al (Continued)

Cat. No.	Current Rating Cu	SCCR		Wire Range Limited to Wire Class ⁽⁵⁶⁾		Tightening Torque: lb-in (N·m)		Lug Material	Snap-on Plastic Covers	Block Dimensions (D) x (H) x (W)
		With Circuit Brkrs	With Fuses	Main	Branch	Main	Branch			
9080LBC365208L	760 A	(57)	(58)	(2) #4–500 MCM (25–240 mm ²)	(8) 14–2/0 AWG (2.5–70 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	6–2/0 AWG (16–70 mm ²): 120 (13.5)	Tin-plated High Conductive Cu	9080LB53L	3.92 x 5.50 x 8.25 (99.6 x 193.7 x 209.6)
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			
9080LBC365212L	760 A	(57)	(58)	(2) #4–500 MCM (25–240 mm ²)	(12) 14–2 AWG (2.5–35 mm ²)	#4–500 MCM (25–240 mm ²): 375 (42.3)	2 AWG (35 mm ²): 50 (5.6)	Tin-plated High Conductive Cu	9080LB53L	3.92 x 5.50 x 8.25 (99.6 x 193.7 x 209.6)
							6–4 AWG (16–25 mm ²): 45 (5.1)			
							8 AWG (10 mm ²): 40 (4.5)			
							14–10 AWG (2.5–6 mm ²): 35 (4.0)			



RoHS Compliant



CE Marked

9080FB Linergy Fuseholders

Class H and R



9080FB3211



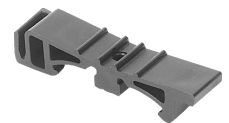
9080FB3611



9080FB3211R



9080FB3611R



DIN 3 (35 mm) Track Adapter

(56) See Wire Classes—Enclosed Power Distribution Blocks, page 63.

(57) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers, page 47.

(58) See 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses, page 57.

Features:

- 14–10 AWG (2.5-4 mm²)
- Lugs suitable for use with 75°C conductors
- Solid or stranded copper wire type
- Pressure wire connector lug termination
- Copper alloy tin-plated clip material
- 25 (2.8) tightening torque lb-in (N•m)
- Flammability rating of UL94V-0

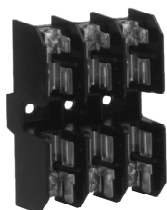
Table 12 - 9080FB Linergy Fuseholders (Class H and R)–30 A Rated

Cat. No.	Max Voltage Rating	Base Material	Temperature Rating	Full Size (Diameter x Length)	AIC Rating in accordance with UL512	Block Dimensions (D) x (H) x (W)	DIN 3 (35 mm) Track Adapter Cat. No.
One-pole Blocks–Class H Fuses							
9080FB1211	250	High Impact Thermoplastic	-40 to +125°C (-40 to +257°F)	9/16 x 2 in.	10,000	1.38 x 3.00 x 1.12 in. (35.1 x 76.2 x 28.4 mm)	9080FBDIN3
One-pole Blocks–Class R Fuses							
9080FB1211R	250	High Impact Thermoplastic	-40 to +125°C (-40 to +257°F)	9/16 x 2 in.	200,000	1.38 x 3.00 x 1.12 in. (35.1 x 76.2 x 28.4 mm)	9080FBDIN3
Two-pole Blocks–Class H Fuses							
9080FB2211	250	High Impact Thermoplastic	-40 to +125°C (-40 to +257°F)	9/16 x 2 in.	10,000	1.38 x 3.00 x 1.91 in. (35.1 x 76.2 x 48.5 mm)	9080FBDIN3
9080FB2611	600	General Purpose Phenolic	-40 to +150°C (-40 to +302°F)	13/16 x 5 in.	10,000	1.69 x 6.25 x 2.94 in. (42.9 x 159.0 x 74.7 mm)	–
Two-pole Blocks–Class R Fuses							
9080FB2211R	250	High Impact Thermoplastic	-40 to +125°C (-40 to +257°F)	9/16 x 2 in.	200,000	1.38 x 3.00 x 1.91 in. (35.1 x 76.2 x 48.5 mm)	9080FBDIN3
Three-pole Blocks–Class H Fuses							
9080FB3211	250	High Impact Thermoplastic	-40 to +125°C (-40 to +257°F)	9/16 x 2 in.	10,000	1.38 x 3.00 x 2.95 in. (35.1 x 76.2 x 74.9 mm)	9080FBDIN3
9080FB3611	600	General Purpose Phenolic	-40 to +150°C (-40 to +302°F)	13/16 x 5 in.	10,000	1.69 x 6.25 x 4.25 in. (42.9 x 159.0 x 108.0 mm)	–
Three-pole Blocks–Class R Fuses							
9080FB3211R	250	High Impact Thermoplastic	-40 to +125°C (-40 to +257°F)	9/16 x 2 in.	200,000	1.38 x 3.00 x 2.95 in. (35.1 x 76.2 x 74.9 mm)	9080FBDIN3
9080FB3611R	600	General Purpose Phenolic	-40 to +150°C (-40 to +302°F)	13/16 x 5 in.	200,000	1.69 x 6.25 x 4.25 in. (42.9 x 159.0 x 108.0 mm)	–

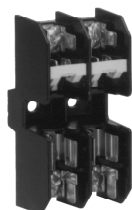
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Compliant

CE Marked

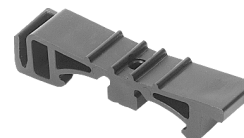
Class M and CC



9080FB1611M



9080FB1611CC



DIN 3 (35 mm) Track Adapter

Features:

- 600 maximum voltage rating
- 14–10 AWG (2.5-4 mm²)
- Lugs suitable for use with 75°C conductors
- Solid or stranded copper wire type
- Pressure wire connector lug termination
- Copper alloy tin-plated clip material
- Standard clip type
- High impact thermoplastic base material
- 25 (2.8) tightening torque lb-in (N•m)
- -40 to +125°C (-40 to +257°F) temperature rating
- Flammability rating of UL94V-0

Table 13 - 9080FB Linergy Fuseholders (Class M and CC)—30 A Rated

Cat. No.	Full Size (Diameter x Length)	AIC Rating in accordance with UL512	Block Dimensions (D) x (H) x (W)	DIN 3 (35 mm) Track Adapter Cat. No.
One-pole Blocks—Class M Fuses				
9080FB1611M	13/32 x 1 1/2 in.	10,000	1.29 x 3.13 x 0.85 in. (32.8 x 79.5 x 21.6 mm)	9080FBDIN3
One-pole Blocks—Class CC Fuses				
9080FB1611CC	13/32 x 1 1/2 in.	200,000	1.29 x 3.13 x 0.85 in. (32.8 x 79.5 x 21.6 mm)	9080FBDIN3
Two-pole Blocks—Class M Fuses				
9080FB2611M	13/32 x 1 1/2 in.	10,000	1.29 x 3.13 x 1.60 in. (32.8 x 79.5 x 40.6 mm)	9080FBDIN3
Two-pole Blocks—Class CC Fuses				
9080FB2611CC	13/32 x 1 1/2 in.	200,000	1.29 x 3.13 x 1.60 in. (32.8 x 79.5 x 40.6 mm)	9080FBDIN3
Three-pole Blocks—Class M Fuses				
9080FB3611M	13/32 x 1 1/2 in.	10,000	1.29 x 3.13 x 2.35 in. (32.8 x 79.5 x 59.7 mm)	9080FBDIN3
Three-pole Blocks—Class CC Fuses				
9080FB3611CC	13/32 x 1 1/2 in.	200,000	1.29 x 3.13 x 2.35 in. (32.8 x 79.5 x 59.7 mm)	9080FBDIN3



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File 70360
Class 6225-01



RoHS Compliant



CE Marked

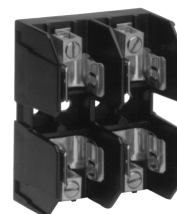
Class R and J



9080FB1221R



9080FB3621R



9080FB3621J

Features:

- 14–10 AWG (2.5-25 mm²)
- Lugs suitable for use with 75°C conductors
- Solid or stranded, copper or aluminum wire type
- Box lug connector lug termination
- Copper alloy tin-plated clip material
- Reinforced clip type
- High impact thermoplastic base material
- 200,000 AIC rating in accordance with UL512
- Flammability rating of UL94V-0

Table 14 - 9080FB Linergy Fuseholders (Class R and J)–30 A Rated

Cat. No.	Max Voltage Rating	Tightening Torque lb-in (N•m)	Temperature Rating	Full Size (Diameter x Length)	Block Dimensions (D) x (H) x (W)
One-pole Blocks–Class R Fuses					
9080FB1221R	250	3–2 AWG (25–35 mm ²): 50 (5.6)	-40 to +125°C (-40 to +257°F)	13/16 x 3 in.	2.01 x 4.83 x 1.48 in. (51.1 x 123.0 x 37.7 mm)
		6–4 AWG (16–25 mm ²): 45 (5.1)			
		8 AWG (10 mm ²): 40 (4.5)			
		14–10 AWG (2.5–6 mm ²): 35 (4.0)			
Two-pole Blocks–Class R Fuses					
9080FB2221R	250	3–2 AWG (25–35 mm ²): 50 (5.6)	-40 to +125°C (-40 to +257°F)	13/16 x 3 in.	2.01 x 4.83 x 2.86 in. (51.1 x 123.0 x 72.7 mm)
		6–4 AWG (16–25 mm ²): 45 (5.1)			
		8 AWG (10 mm ²): 40 (4.5)			
		14–10 AWG (2.5–6 mm ²): 35 (4.0)			
Three-pole Blocks–Class R Fuses					
9080FB3621R	600	3–2 AWG (25–35 mm ²): 50 (5.6)	-40 to +150°C (-40 to +302°F)	1 1/16 x 5 1/2 in.	2.19 x 6.75 x 5.08 in. (55.6 x 171.4 x 129.0 mm)
		6–4 AWG (16–25 mm ²): 45 (5.1)			
		8 AWG (10 mm ²): 40 (4.5)			
		14–10 AWG (2.5–6 mm ²): 35 (4.0)			

Table 14 - 9080FB Linergy Fuseholders (Class R and J)–30 A Rated (Continued)

Cat. No.	Max Voltage Rating	Tightening Torque lb-in (N•m)	Temperature Rating	Full Size (Diameter x Length)	Block Dimensions (D) x (H) x (W)
Three-pole Blocks—Class J Fuses					
9080FB3621J	600	3–2 AWG (25–35 mm ²): 50 (5.6)	-40 to +125°C (-40 to +257°F)	1 1/16 x 2 3/8 in.	2.09 x 4.07 x 4.72 in. (53.0 x 103.0 x 120.0 mm)
		6–4 AWG (16–25 mm ²): 45 (5.1)			
		8 AWG (10 mm ²): 40 (4.5)			
		14–10 AWG (2.5–6 mm ²): 35 (4.0)			



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Class 6225–01



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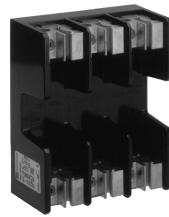


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Class H and R



9080FB3631



9080FB1231R



9080FB3631R

Features:

- Current rating 100
- 6–2/0 AWG (16–70 mm²)
- Lugs suitable for use with 75°C conductors
- Solid or stranded, copper or aluminum wire type
- Box lug connector lug termination
- Reinforced clip type
- General purpose phenolic base material
- 120 (13.6) tightening torque lb-in (N•m)
- -40 to +150°C (-40 to +302°F)
- Flammability rating of UL94V-0

Table 15 - 9080FB Linergy Fuseholders (Class H and R)–100 A Rated

Cat. No.	Max Voltage Rating	Clip Material	Full Size (Diameter x Length)	AIC Rating in accordance with UL512	Block Dimensions (D) x (H) x (W)
One-pole Blocks–Class R Fuses					
9080FB1231R	250	One piece aluminum w/ copper spring tin-plated	1 x 5 7/8 in.	20,000	2.44 x 6.12 x 1.93 in. (62.0 x 155.5 x 49.0 mm)
Three-pole Blocks–Class H Fuses					
9080FB3631	600	One piece aluminum w/ stainless steel spring	1 x 7 7/8 in.	10,000	2.60 x 8.12 x 5.73 in. (66.0 x 206.2 x 145.5 mm)
Three-pole Blocks–Class R Fuses					
9080FB3631R	600	One piece aluminum w/ copper spring tin-plated	1 x 7 7/8 in.	20,000	2.60 x 8.12 x 5.73 in. (66.0 x 206.2 x 145.5 mm)



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File 70360
Class 6225–01



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Dimensions

Enclosed Power Distribution Blocks Approximate Dimensions

Figure 1 - NSYEBAD11611, NSYEBAD11614

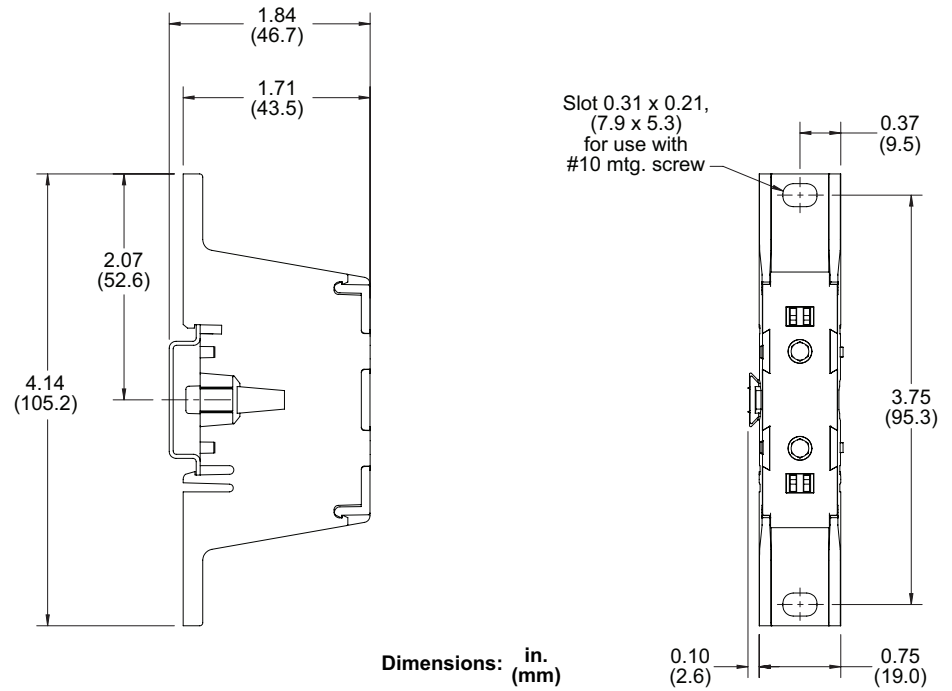


Figure 2 - NSYEBAD12611, NSYEBAP12611, NSYEBAD12614, NSYEBAP12614, NSYEBAD12614, NSYEBAP12614, NSYEBAD12614, NSYEBAP12614, NSYEBAD12614, NSYEBAP12614, NSYEBAD12614, NSYEBAP12614

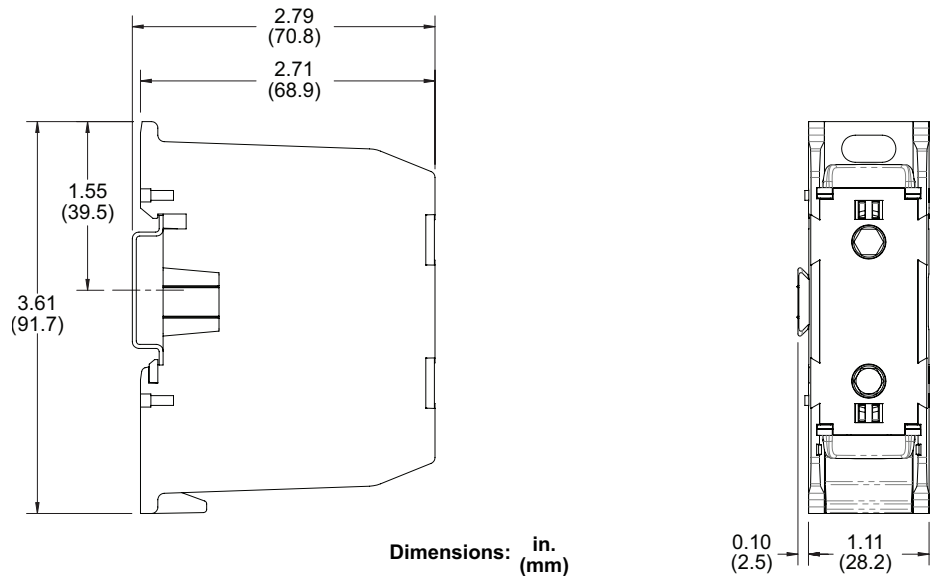


Figure 3 - NSYEBAD13618, NSYEBAP13618, NSYEBAD25622, NSYEBAP25622, NSYEBAD13618, NSYEBAP13618, NSYEBAD25622, NSYEBAP25622

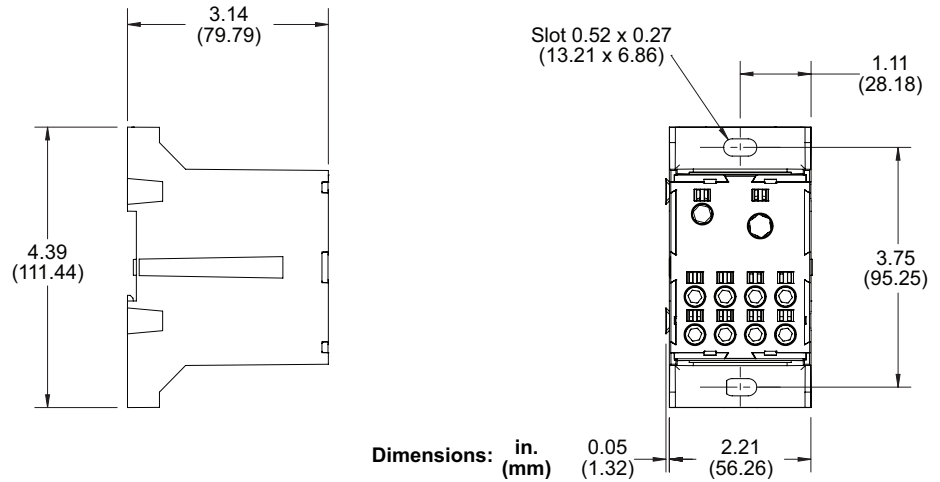


Figure 4 - NSYEBAP27622, NSYEBAP27628, NSYEBAP27628

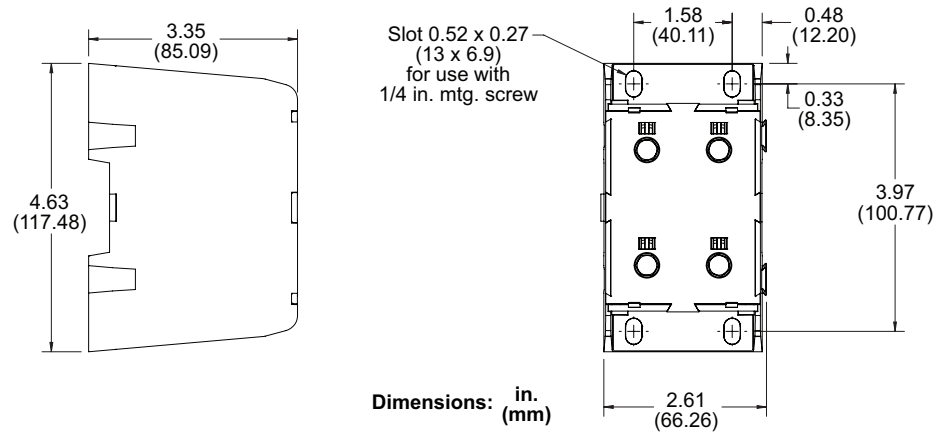


Figure 5 -

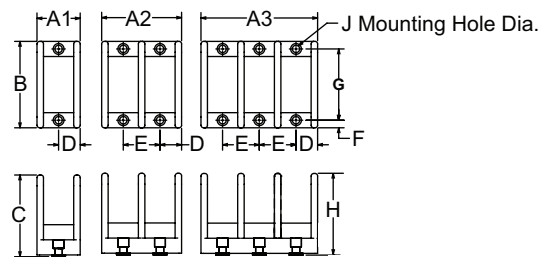


Table 16 - Power Block Mounting Hole Diameter Measurements in. (mm)

Catalog Number	A1	A2	A3	B	C	D	E	F	G	H	J
One-pole											
LBA161101	0.85	1.48	2.12	2.29	1.62	0.38	0.64	0.18	1.93	0.20	0.201
LBA161104	(21.46)	(37.59)	(53.72)	(58.1)	(41.20)	(9.7)	(16.2)	(4.5)	(49.1)	(5.0)	(5.11)

Table 16 - Power Block Mounting Hole Diameter Measurements in. (mm) (Continued)

Catalog Number	A1	A2	A3	B	C	D	E	F	G	H	J
LBA162101	1.02 (25.9)	1.84 (46.7)	2.56 (65.0)	3.37 (83.1)	3.00 (76.2)	0.44 (11.2)	0.79 (20.0)	0.42 (10.5)	2.25 (57.2)	0.20 (5.0)	0.205 (5.21)
LBA162104											
LBC162101											
LBC162104											
LBA163101	2.17 (55.1)	4.24 (107.7)	5.64 (143.3)	5.0 (127.0)	3.92 (99.6)	1.11 (28.2)	1.71 (43.4)	1.07 (27.2)	3.38 (85.7)	0.14 (3.4)	0.22 (5.6)
LBA163106											
LBA163206											
LBC163106											
LBC163206											
LBA164101	2.25 (56.7)	4.12 (105.0)	6.00 (152.0)	4.75 (121.0)	3.16 (60.2)	1.12 (28.5)	1.88 (47.7)	0.31 (7.9)	4.16 (106.0)	0.53 (13.0)	0.200 (5.08)
LBA164108											
LBA165202	2.88 (73.2)	5.59 (142.0)	8.25 (209.6)	5.50 (140.0)	3.92 (99.6)	1.41 (35.7)	2.69 (68.2)	0.38 (9.5)	4.75 (121.0)	0.14 (3.4)	0.265 (6.73)
LBA1652021											
LBA165106											
LBA165112											
LBA165212											
LBC165208											
LBC165212											
Two-pole											
LBA261104	0.85 (21.46)	1.48 (37.59)	2.12 (53.72)	2.29 (58.1)	1.62 (41.20)	0.38 (9.7)	0.64 (16.2)	0.18 (4.5)	1.93 (49.1)	0.20 (5.0)	0.201 (5.11)
LBA262101	1.02 (25.9)	1.84 (46.7)	2.56 (65.0)	3.37 (83.1)	3.00 (76.2)	0.44 (11.2)	0.79 (20.0)	0.42 (10.5)	2.25 (57.2)	0.20 (5.0)	0.205 (5.21)
LBA262104											
LBC262104											
LBA263101	2.17 (55.1)	4.24 (107.7)	5.64 (143.3)	5.0 (127.0)	3.92 (99.6)	1.11 (28.2)	1.71 (43.4)	1.07 (27.2)	3.38 (85.7)	0.14 (3.4)	0.22 (5.6)
LBA263106											
LBA263206											
LBC263106											
LBC263206											
LBA264108	2.25 (56.7)	4.12 (105.0)	6.00 (152.0)	4.75 (121.0)	3.16 (60.2)	1.12 (28.5)	1.88 (47.7)	0.31 (7.9)	4.16 (106.0)	0.53 (13.0)	0.200 (5.08)
LBA265202	2.88 (73.2)	5.59 (142.0)	8.25 (209.6)	5.50 (140.0)	3.92 (99.6)	1.41 (35.7)	2.69 (68.2)	0.38 (9.5)	4.75 (121.0)	0.14 (3.4)	0.265 (6.73)
LBA2652021											
LBA265106											
LBA265112											
LBA265212											
Three-pole											
LBA361101	0.85 (21.46)	1.48 (37.59)	2.12 (53.72)	2.29 (58.1)	1.62 (41.20)	0.38 (9.7)	0.64 (16.2)	0.18 (4.5)	1.93 (49.1)	0.20 (5.0)	0.201 (5.11)
LBA361104											
LBA362101	1.02 (25.9)	1.84 (46.7)	2.56 (65.0)	3.37 (83.1)	3.00 (76.2)	0.44 (11.2)	0.79 (20.0)	0.42 (10.5)	2.25 (57.2)	0.20 (5.0)	0.205 (5.21)
LBA362104											
LBC362101											
LBC362104											

Table 16 - Power Block Mounting Hole Diameter Measurements in. (mm) (Continued)

Catalog Number	A1	A2	A3	B	C	D	E	F	G	H	J
LBA362106	2.17 (55.1)	4.24 (107.7)	5.64 (143.3)	5.0 (127.0)	3.92 (99.6)	1.11 (28.2)	1.71 (43.4)	1.07 (27.2)	3.38 (85.7)	0.14 (3.4)	0.22 (5.6)
LBA363101											
LBA363106											
LBA363206											
LBC363106											
LBC363206											
LBA364101	2.25 (56.7)	4.12 (105.0)	6.00 (152.0)	4.75 (121.0)	3.16 (80.2)	1.12 (28.5)	1.88 (47.7)	0.31 (7.9)	4.16 (106.0)	0.53 (13.0)	0.200 (5.08)
LBA364108											
LBA365202	2.88 (73.2)	5.59 (142.0)	8.25 (209.6)	5.50 (140.0)	3.92 (99.6)	1.41 (35.7)	2.69 (68.2)	0.38 (9.5)	4.75 (121.0)	0.14 (3.4)	0.265 (6.73)
LBA3652021											
LBA365106											
LBA365112											
LBA365212											
LBC365208											
LBC365212											

Figure 6 - 30 A, 250 V 9080FB Fuseholders

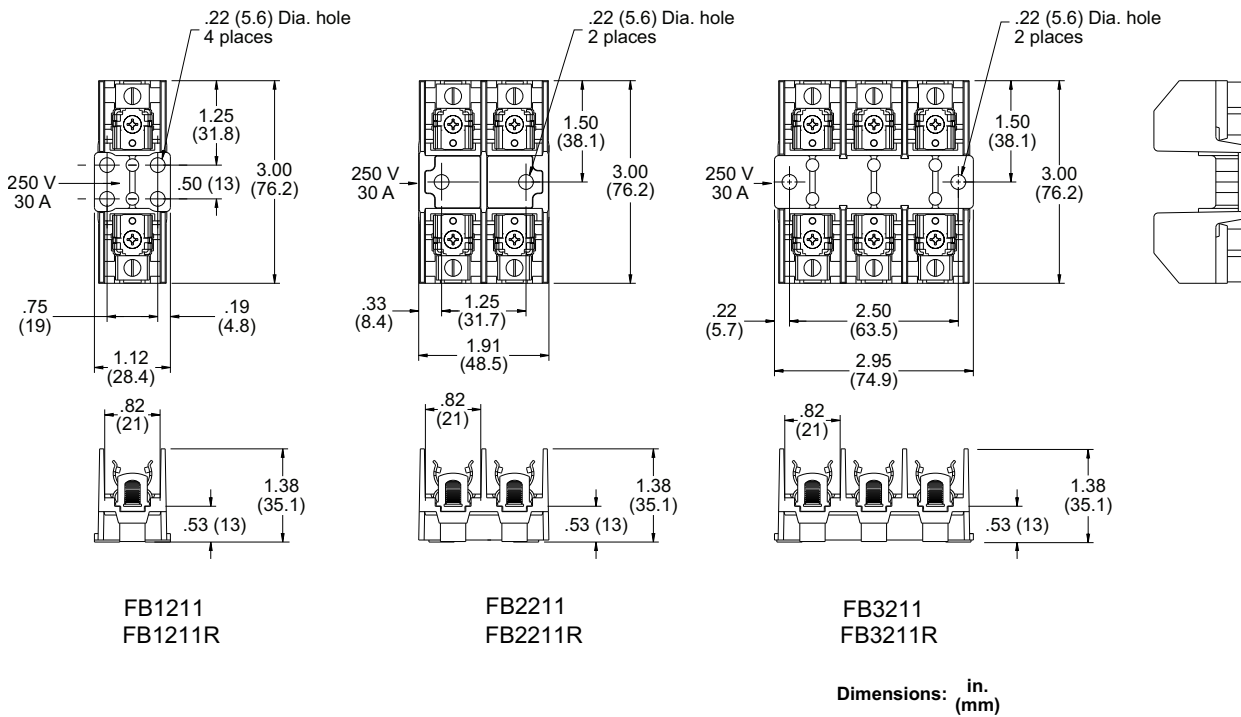


Figure 7 - 60 A, 250 V 9080FB Fuseholders

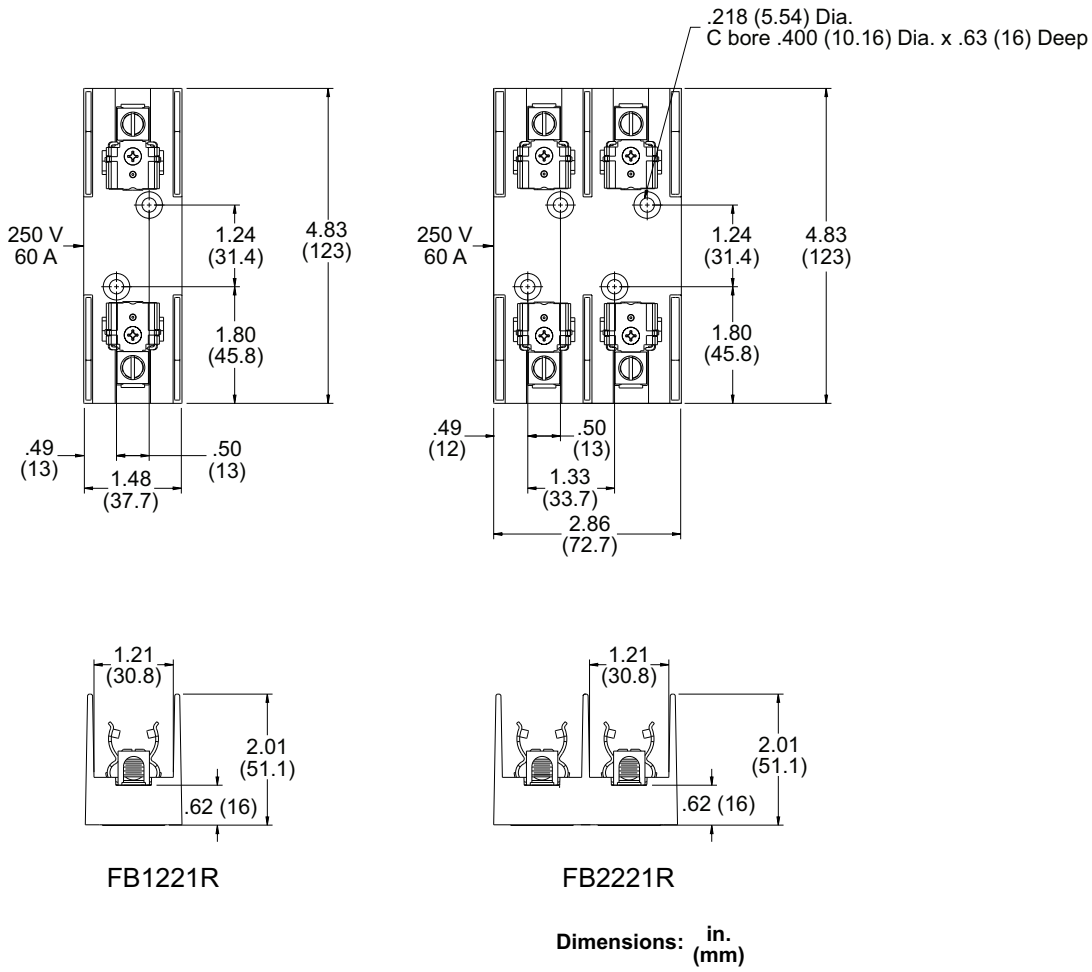
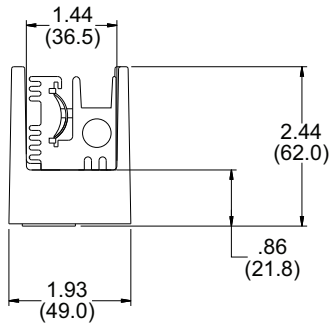
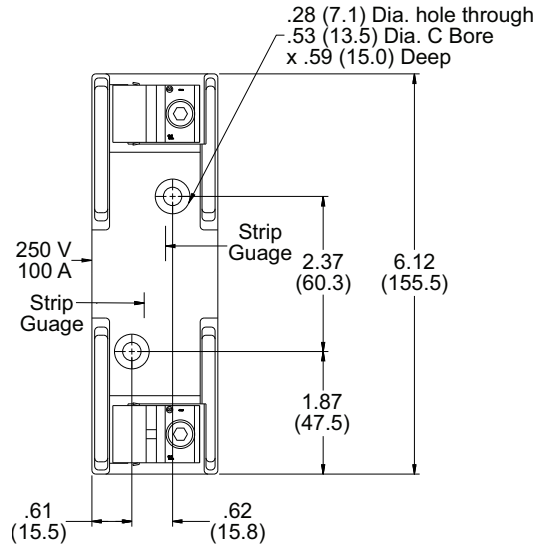


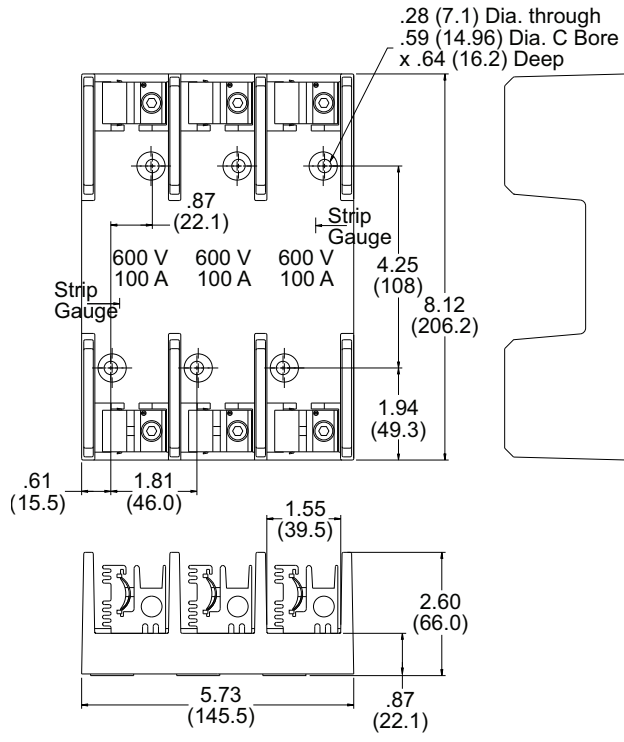
Figure 8 - 100 A, 250 V 9080FB Fuseholders



FB1231R

Dimensions: in.
(mm)

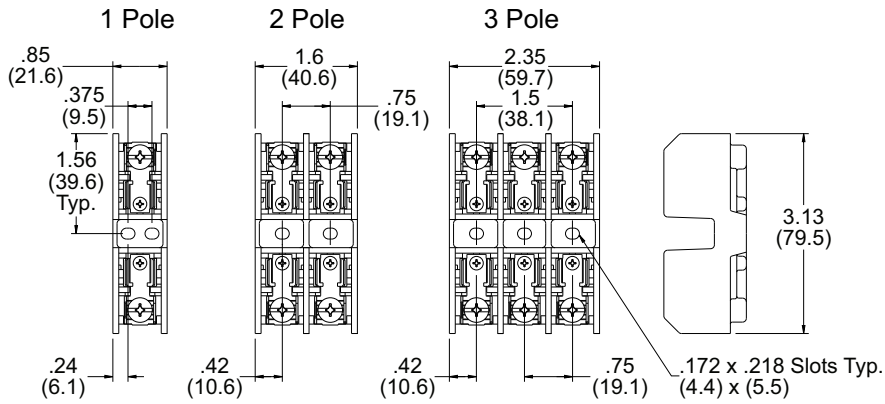
Figure 9 - 100 A, 250 V 9080FB Fuseholders



FB3631, FB3631R

Dimensions: in.
(mm)

Figure 10 - 30 A, 600 V 9080FB Fuseholders



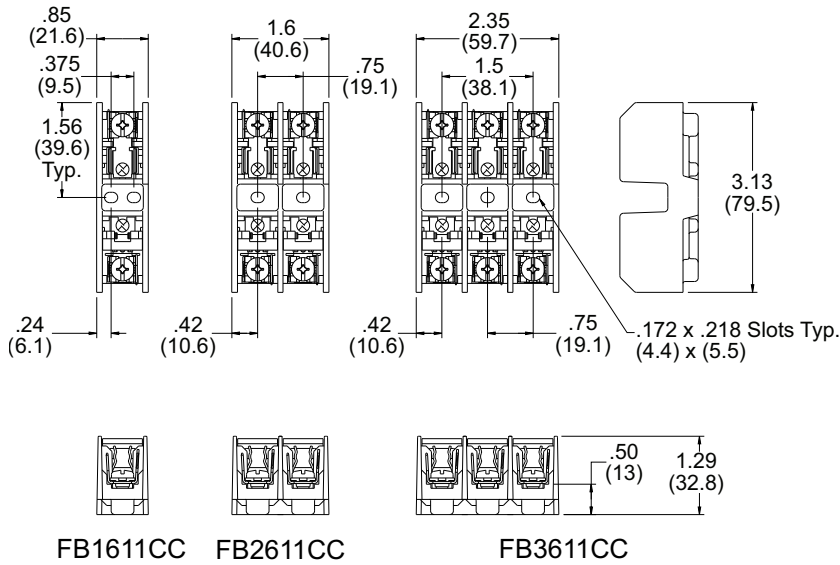
FB1611M

FB2611M

FB3611M

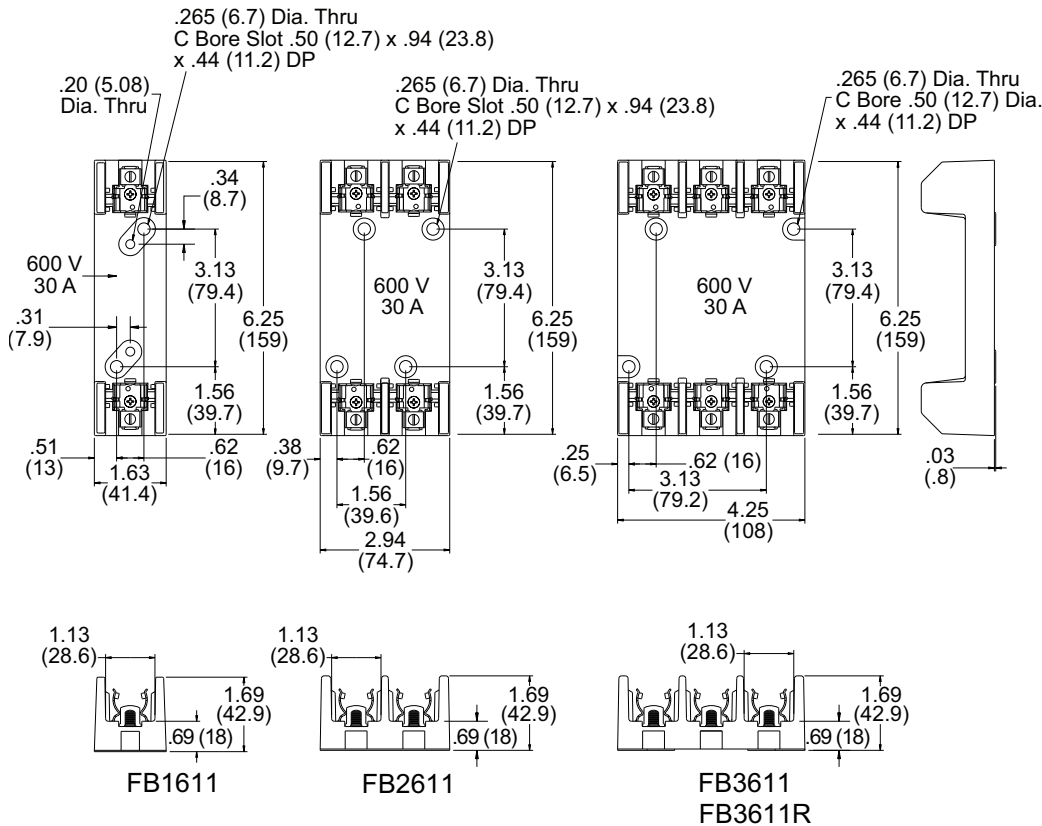
Dimensions: in.
(mm)

Figure 11 - 30 A, 600 V 9080FB Fuseholders



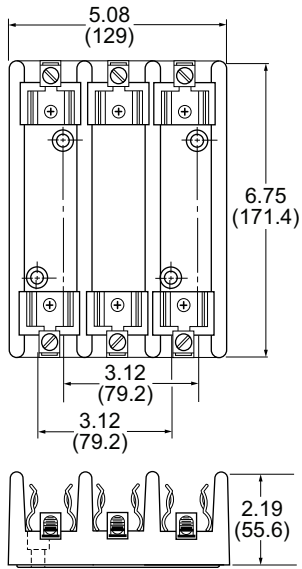
Dimensions: in. (mm)

Figure 12 - 30 A, 600 V 9080FB Fuseholders



Dimensions: in. (mm)

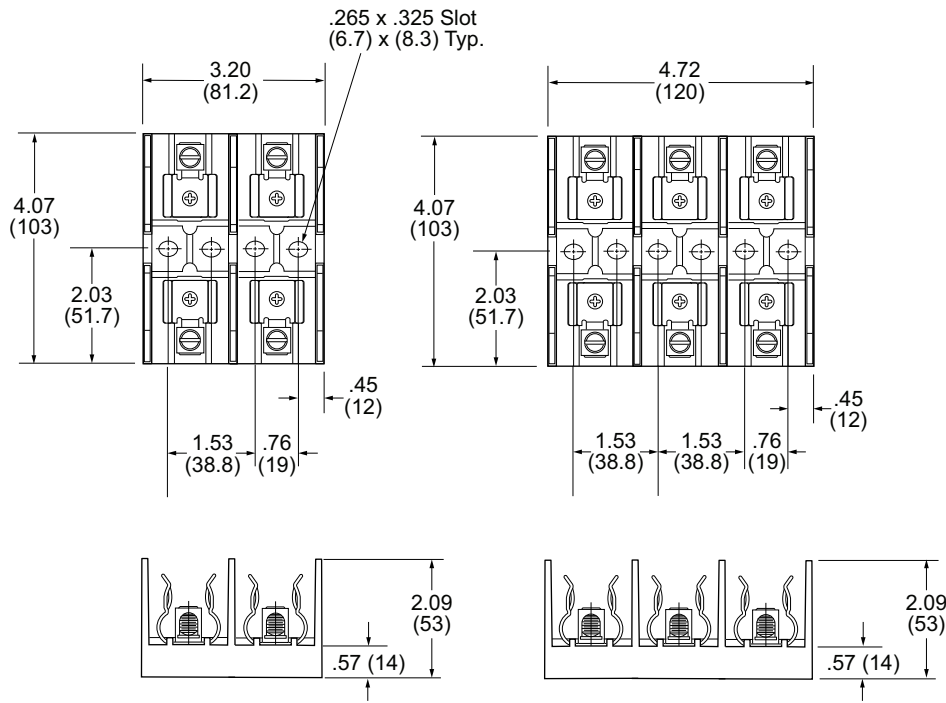
Figure 13 - 60 A, 600 V 9080FB Fuseholders



FB3621R

Dimensions: in.
(mm)

Figure 14 - 60 A, 600 V 9080FB Fuseholders



FB2621J

FB3621J

Dimensions: in.
(mm)

Short-Circuit Current Ratings

Table 17 - Short-Circuit Current Ratings with Combination of Enclosed Power Distribution Blocks and Circuit Breakers

Catalog Number	Wire Type (Class)	Suitable Conductors kcmil/ AWG (mm ²) CU		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.
		Line	Load	Type	Maximum Amperes		
NSYEBAD11611	B, C	4-2 (25-35)	10-2 (6-35)	JDL36250	250	18 kA	480
				JGL36250	250	35 kA	
				JJL36250	250	65 kA	
				JLL36250	250	65 kA	
		12-2 (4-35)	12-2 (4-35)	HDL36150	150	18 kA	
				HGL36150	150	35 kA	
				HJL36150	150	65 kA	
				HLL36150	150	65 kA	
		12-2 (4-35)	12-2 (4-35)	BDL36125	125	18 kA	
				BGL36125	125	35 kA	
				BJL36125	125	65 kA	
NSYEBAD11614	B, C	4-2 (25-35)	10 (6)	JDL36250	250	18 kA	480
				JGL36250	250	35 kA	
				JJL36250	250	65 kA	
				JLL36250	250	65 kA	
		10-2 (6-35)	10 (6)	HDL36150	150	18 kA	
				HGL36150	150	35 kA	
				HJL36150	150	65 kA	
				HLL36150	150	65 kA	
		12-2 (4-35)	12-10 (4-6)	BDL36125	125	18 kA	
				BGL36125	125	35 kA	
				BJL36125	125	65 kA	
NSYEBAD12611	B, C	4-3/0 (25-95)	8-3/0 (10-95)	JDL36250	250	18 kA	480
JGL36250				250	35 kA		
JJL36250				250	65 kA		
JLL36250				250	65 kA		
NSYEBAD12614	B, C	4-3/0 (25-95)	10-2 (6-35)	JDL36250	250	18 kA	480
JGL36250				250	35 kA		
JJL36250				250	65 kA		
JLL36250				250	65 kA		

Table 18 - Enclosed Power Distribution Blocks Short-Circuit Current Ratings with Fuses

Catalog Number	Wire Type (Class)	Suitable Copper Conductors Range AWG (mm ²)		Fuse Type / Amperage						SCCR
		Line	Load	J	T	RK1	RK5	G	CC	
NSYEBAD11611	B, C	14-2 (2.5-35)	14-2 (2.5-35)	175	225	100	-	-	-	100 kA
	G, H, I, K	14-4 (2.5-25)	14-4 (2.5-25)	175	225	100	-	-	-	100 kA
	(59)	14-2 (2.5-35)	14-2 (2.5-35)	-						10 kA
NSYEBAD11614	B, C	10-2 (6-35)	14-10 (2.5-6)	125	200	100	-	-	-	65 kA
	G, H, I, K	10-4 (6-25)	14-10 (2.5-6)	125	200	100	-	-	-	65 kA
	(59)	14-2 (2.5-35)	14-10 (2.5-6)	-						10 kA
NSYEBAD12611 NSYEBAP12611 NSYEBAD12611 NSYEBBCP12611	B, C	8-3/0 (10-95)	8-3/0 (10-95)	225	225	200	60	60	30	100 kA
	G, H, I	8-2/0 (10-70)	8-2/0 (10-70)	300	300	200	100	60	30	100 kA
	(59)	14-3/0 (2.5-95)	14-3/0 (2.5-95)	-						10 kA
NSYEBAD12614 NSYEBAP12614 NSYEBAD12614 NSYEBBCP12614	B, C	8-3/0 (10-95)	8-2 (10-35)	225	225	200	60	60	30	100 kA
	B, C	8-3/0 (10-95)	12-8 (4-10)	100	110	100	30	60	30	100 kA
	G, H, I	8-2/0 (10-70)	8-4 (10-25)	225	225	200	60	60	30	100 kA
	G, H, I	8-2/0 (10-70)	12-8 (4-10)	100	110	100	30	60	30	100 kA
	(59)	14-3/0 (2.5-95)	14-2 (2.5-35)	-						10 kA
NSYEBAD13618 NSYEBAD13618	(59)	6-400 (16-202.7) and 14-3/0 (2.5-95)	14-2 (2.5-35)	-						10 kA
NSYEBAP13618 NSYEBBCP13618	B, C	3/0-400 (95-202.7)	8-2 (10-35)	400	400	400	200	60	30	100 kA
	B, C	6-400 (16-202.7)	10-2 (6-35)	200	200	200	100	60	30	100 kA
	G, H, I	6-400 (16-202.7)	10-2 (6-35)	300	300	200	100	60	30	100 kA
	(59)	6-400 (16-202.7) and 14-3/0 (2.5-95)	14-2 (2.5-35)	-						10 kA

(59) Any UL approved wire sizes that are not approved for higher SCCR will default to 10 kA.

Table 18 - Enclosed Power Distribution Blocks Short-Circuit Current Ratings with Fuses (Continued)

Catalog Number	Wire Type (Class)	Suitable Copper Conductors Range AWG (mm ²)		Fuse Type / Amperage						SCCR
		Line	Load	J	T	RK1	RK5	G	CC	
NSYEBAD25622 NSYEBAD25622	(60)	6-250 (16-126.7)	6-250 (16-126.7)	-						10 kA
NSYEBAP25622 NSYEBAP25622	B, C	1/0-250 (50-126.7)	1/0-250 (50-126.7)	600	600	-	-	-	-	50 kA
	B, C	1/0-250 (50-126.7)	1/0-250 (50-126.7)	400	400	400	200	60	30	100 kA
	B, C	6-250 (16-126.7)	6-250 (16-126.7)	400	400	400	100	60	30	100 kA
	G, H, I	1/0-250 (50-126.7)	1/0-250 (50-126.7)	300	300	200	100	60	30	100 kA
	(60)	6-250 (16-126.7)	6-250 (16-126.7)	-						10 kA
NSYEBAP27622	B, C	4-500 (25-240)	4-500 (25-240)	600	600	600	200	60	30	100 kA
	G, H, I	2-350 (35-185)	2-350 (35-185)	600	600	600	200	60	30	100 kA
	(60)	4-500 (25-240)	4-500 (25-240)	-						10 kA
NSYEBAP27628	B, C	250-500 (126.7-240)	4-2/0 (25-70)	600	600	400	200	60	30	100 kA
NSYEBAP27628	B, C	250-500 (126.7-240)	4-2/0 (25-70)	600	600	600	200	60	30	100 kA
NSYEBAP27628 NSYEBAP27628	B, C	4-500 (25-240)	10-2/0 (6-70)	350	350	200	100	60	30	100 kA
	G, H, I	250-350 (126.7-185)	4-1 (25-50)	600	600	600	200	60	30	100 kA
	G, H, I	4-350 (25-185)	8-1 (10-50)	350	350	200	100	60	30	100 kA
	(60)	4-500 (25-240)	10-2/0 (6-70)	-						10 kA

(60) Any UL approved wire sizes that are not approved for higher SCCR will default to 10 kA.

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.			
	Line	Load	Type	Max A					
9080LBA161101 9080LBA361101	6-2 (16-35)	6-2 (16-35)	JDL36250	250	18 kA	480			
			JGL36250	250	35 kA				
			JJL36250	250	65 kA				
			JLL36250	250	65 kA				
	10-8 (6-10)	10-8 (6-10)	HDL36100	100	18 kA				
			HGL36100	100	35 kA				
			HJL36100	100	65 kA				
			HLL36100	100	65 kA				
9080LBA161104 9080LBA261104 9080LBA361104	6-2 (16-35)	12-10 (4-6)	JDL36250	250	18 kA	480			
			JGL36250	250	35 kA				
			JJL36250	250	65 kA				
			JLL36250	250	65 kA				
	10-8 (6-10)	12-14 (4-2.5)	HDL36100	100	18 kA				
			HGL36100	100	35 kA				
			HJL36100	100	65 kA				
			HLL36100	100	65 kA				
9080LBA162104L 9080LBA262104L 9080LBA362104L	14-2/0 (2.5-70)	14-4 (2.5-25)	JDL36250	250	18 kA	480			
			JGL36250	250	35 kA				
			JJL36250	250	65 kA				
			JLL36250	250	65 kA				
			HDL36150	150	18 kA				
			HGL36150	150	35 kA				
			HJL36150	150	65 kA				
			HLL36150	150	65 kA				
			BDL36125	125	125	BDL36125	125	18 kA	600
						BGL36125	125	35 kA	
						BJL36125	125	65 kA	
						HJL36150	150	25 kA	
						HLL36150	150	35 kA	
						HLL36150	150	50 kA	
						JJL36250	250	25 kA	
						JLL36250	250	35 kA	
JLL36250	250	50 kA							

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.
	Line	Load	Type	Max A		
9080LBC162104L 9080LBC262104L 9080LBC362104L	14-2/0 (2.5-70)	14-4 (2.5-25)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
			HJL36150	150	65 kA	
			HLL36150	150	65 kA	
			BDL36125	125	18 kA	
			BGL36125	125	35 kA	
			BJL36125	125	65 kA	
			HJL36150	150	25 kA	
			HLL36150	150	35 kA	
			HLL36150	150	50 kA	
			JJL36250	250	25 kA	
JLL36250	250	35 kA				
JLL36250	250	50 kA				
9080LBA162101L 9080LBA262101L 9080LBA362101L	14-2/0 (2.5-70)	14-2/0 (2.5-70)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
			HJL36150	150	65 kA	
			HLL36150	150	65 kA	
			BDL36125	125	18 kA	
			BGL36125	125	35 kA	
			BJL36125	125	65 kA	
			HJL36150	150	25 kA	
			HLL36150	150	35 kA	
			HLL36150	150	50 kA	
			JJL36250	250	25 kA	
JLL36250	250	35 kA				
JLL36250	250	50 kA				

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.
	Line	Load	Type	Max A		
9080LBC162101L 9080LBC362101L	14-2/0 (2.5-70)	14-2/0 (2.5-70)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
			HJL36150	150	65 kA	
			HLL36150	150	65 kA	
	14-2 (2.5-35)	14-2 (2.5-35)	BDL36125	125	18 kA	480
			BGL36125	125	35 kA	
			BJL36125	125	65 kA	
	14-2/0 (2.5-70)	14-2/0 (2.5-70)	HJL36150	150	25 kA	600
			HLL36150	150	35 kA	
			HLL36150	150	50 kA	
			JJL36250	250	25 kA	
			JLL36250	250	35 kA	
			JLL36250	250	50 kA	
	9080LBA163106L 9080LBA263106L 9080LBA363106L	6-250 (16-126.7)	14-2 (2.5-35)	JDL36250	250	18 kA
JGL36250				250	35 kA	
JJL36250				250	65 kA	
JLL36250				250	65 kA	
HDL36150				150	18 kA	
HGL36150				150	35 kA	
HJL36150				150	65 kA	
HLL36150				150	65 kA	
6-2/0 (16-70)		14-2 (2.5-35)	BDL36125	125	18 kA	480
			BGL36125	125	35 kA	
			BJL36125	125	65 kA	
6-400 (16-202.7)		14-2 (2.5-35)	LJL36600	600	65 kA	480
			LLL36600	600	65 kA	
6-250 (16-126.7) 6-400 (16-202.7) 6-250 (16-126.7) 6-400 (16-202.7) 6-250 (16-126.7) 6-400 (16-202.7)		14-2 (2.5-35)	JJL36250	250	25 kA	600
			LJL36600	600	25 kA	
			JLL36250	250	50 kA	
			LLL36600	600	50 kA	

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.
	Line	Load	Type	Max A		
9080LBA163206L 9080LBA263206L 9080LBA363206L	14-2/0 (2.5-70)	14-4 (2.5-25)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
			HJL36150	150	65 kA	
			HLL36150	150	65 kA	
			BDL36125	125	18 kA	600
			BGL36125	125	35 kA	
			BJL36125	125	65 kA	
			HJL36150	150	25 kA	
			HLL36150	150	35 kA	
			HLL36150	150	50 kA	
			JJL36250	250	25 kA	
JLL36250	250	35 kA				
JLL36250	250	50 kA				
9080LBC163106L 9080LBC263106L 9080LBC363106L	4-250 (25-126.7)	14-2 (2.5-35)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
			HJL36150	150	65 kA	
			HLL36150	150	65 kA	
	BDL36125		125	18 kA	600	
	BGL36125		125	35 kA		
	BJL36125		125	65 kA		
	LJL36600		600	65 kA		
	LLL36600		600	65 kA		
	JJL36250		250	25 kA		
	LJL36600		600	25 kA		
LJL36600	600	35 kA				
JLL36250	250	50 kA	600			
LLL36600	600	50 kA				

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.	
	Line	Load	Type	Max A			
9080LBC163206L 9080LBC263206L 9080LBC363206L	14-2/0 (2.5-70)	14-4 (2.5-25)	JDL36250	250	18 kA	480	
			JGL36250	250	35 kA		
			JJL36250	250	65 kA		
			JLL36250	250	65 kA		
			HDL36150	150	18 kA		
			HGL36150	150	35 kA		
			HJL36150	150	65 kA		
			HLL36150	150	65 kA		
	14-4 (2.5-25)	14-10 (2.5-6)	JDL36175	175	18 kA		
			JGL36175	175	35 kA		
			JJL36175	175	65 kA		
			JLL36175	175	65 kA		
			HDL36150	150	18 kA		
			HGL36150	150	35 kA		
			HJL36150	150	65 kA		
			HLL36150	150	65 kA		
	14-2/0 (2.5-70)	14-4 (2.5-25)	BDL36125	125	18 kA		
			BGL36125	125	35 kA		
			BJL36125	125	65 kA		
	14-2/0 (2.5-70)	14-4 (2.5-25)	HJL36150	150	25 kA		600
			HLL36150	150	35 kA		
			HLL36150	150	50 kA		
			JJL36250	250	25 kA		
			JLL36250	250	35 kA		
JLL36250			250	50 kA			
9080LBA1652021L 9080LBA2652021L 9080LBA3652021L	4-350 (25-185)	4-350 (25-185)	LJL36600	600	65 kA	480	
	4-250 (25-126.7)	4-250 (25-126.7)	JDL36250	250	18 kA		
			JGL36250	250	35 kA		
			JJL36250	250	65 kA		
			JLL36250	250	65 kA		
			HDL36150	150	18 kA		
			HGL36150	150	35 kA		
			HJL36150	150	65 kA		
	HLL36150	150	65 kA				
	4-250 (25-126.7)	4-250 (25-126.7)	JJL36250	250	25 kA		600
	4-250 (25-126.7)	4-250 (25-126.7)	JLL36250	250	50 kA		
			LJL36600	600	25 kA		
	4-350 (25-185)	4-350 (25-185)	LLL36600	600	50 kA		

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.
	Line	Load	Type	Max A		
9080LBA165112L 9080LBA265112L 9080LBA365112L	4-250 (25-126.7)	14-2 (2.5-35)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
	4-250 (25-126.7) 4-500 (25-240)	14-2 (2.5-35)	HJL36150	150	65 kA	600
			HLL36150	150	65 kA	
			JJL36250	250	25 kA	
			JLL36250	250	50 kA	
			LJL36600	600	25 kA	
			LJL36600	600	50 kA	
9080LBA165106L 9080LBA265106L 9080LBA365106L	4-250 (25-126.7)	14-2/0 (2.5-70)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
	4-500 (25-240)	14-2/0 (2.5-70)	HJL36150	150	65 kA	600
			HLL36150	150	65 kA	
			LJL36600	600	65 kA	
			LLL36600	600	65 kA	
			BDL36125	125	18 kA	
			BGL36125	125	35 kA	
	4-2/0 (25-70) 4-250 (25-126.7) 4-500 (25-240)	14-2/0 (2.5-70)	BJL36125	125	65 kA	600
			JJL36250	250	25 kA	
			JLL36250	250	50 kA	
			LJL36600	600	25 kA	
			LLL36600	600	50 kA	

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.	
	Line	Load	Type	Max A			
9080LBA165208L 9080LBA265208L 9080LBA365208L	6-250 (16-126.7)	14-2/0 (2.5-70)	JDL36250	250	18 kA	480	
			JGL36250	250	35 kA		
			JJL36250	250	65 kA		
			JLL36250	250	65 kA		
			HDL36150	150	18 kA		
			HGL36150	150	35 kA		
			HJL36150	150	65 kA		
			HLL36150	150	65 kA		
	6-2/0 (16-70)		BDL36125	125	18 kA	600	
			BGL36125	125	35 kA		
			BJL36125	125	65 kA		
			LJL36600	600	65 kA		
	6-500 (16-240)		LLL36600	600	65 kA		
			JJL36250	250	25 kA		
	6-250 (16-126.7)		JLL36250	250	50 kA		
			LJL36600	600	25 kA		
6-500 (16-240)	LLL36600	600	50 kA				
	JDL36250	250	18 kA	480			
9080LBA164108L 9080LBA264108L 9080LBA364108L	2-250 (35-126.7)	14-2/0 (2.5-70)	JGL36250		250		35 kA
			JJL36250		250		65 kA
			JLL36250		250		65 kA
			HDL36150		150		18 kA
			HGL36150		150		35 kA
			HJL36150		150		65 kA
			HLL36150		150	65 kA	
			LJL36600		600	65 kA	
2-500 (35-240)	LLL36600		600		65 kA		
	JLL36250		250		25 kA	600	
4-250 (25-126.7)	JLL36250		250		50 kA		
	2-600 (35-300)		LJL36400		400		25 kA
LLL36400			400		50 kA		
2-500 (35-240)	LJL36600		600		25 kA		
	LLL36600		600		50 kA		

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.	
	Line	Load	Type	Max A			
9080LBA164101L 9080LBA364101L	2-250 (35-126.7)	2-250 (35-126.7)	JDL36250	250	18 kA	480	
			JGL36250	250	35 kA		
			JJL36250	250	65 kA		
			JLL36250	250	65 kA		
			HDL36150	150	18 kA		
			HGL36150	150	35 kA		
			HJL36150	150	65 kA		
			HLL36150	150	65 kA		
	2-500 (35-240)	2-500 (35-240)	LJL36600	600	65 kA	600	
			LLL36600	600	65 kA		
	2-250 (35-126.7)	2-250 (35-126.7)	JLL36250	250	25 kA		
			JLL36250	250	50 kA		
	2-500 (35-240)	2-500 (35-240)	LJL36600	600	25 kA		
			LLL36600	600	50 kA		
9080LBA362106L	14-2/0 (2.5-70)	14-4 (2.5-25)	JDL36250	250	18 kA		480
			JGL36250	250	35 kA		
			JJL36250	250	65 kA		
			JLL36250	250	65 kA		
			HDL36150	150	18 kA		
			HGL36150	150	35 kA		
			HJL36150	150	65 kA		
			HLL36150	150	65 kA		
			600	BDL36125	125	18 kA	
				BGL36125	125	35 kA	
				BJL36125	125	65 kA	
				HJL36150	150	25 kA	
				HLL36150	150	35 kA	
				HLL36150	150	50 kA	
				JJL36250	250	25 kA	
				JLL36250	250	35 kA	
				JLL36250	250	50 kA	

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.
	Line	Load	Type	Max A		
9080LBA163101L 9080LBA263101L 9080LBA363101L	6-250 (16-126.7)	6-250 (16-126.7)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
			HJL36150	150	65 kA	
			HLL36150	150	65 kA	
	6-2/0 (16-70)	6-2/0 (16-70)	BDL36125	125	18 kA	
			BGL36125	125	35 kA	
			BJL36125	125	65 kA	
	6-350 (16-185)	6-350 (16-185)	LJL36600	600	65 kA	
			LLL36600	600	65 kA	
	6-250 (16-126.7)	6-250 (16-126.7)	JLL36250	250	25 kA	
JLL36250			250	50 kA		
6-350 (16-186)	6-350 (16-186)	LJL36600	600	25 kA		
		LLL36600	600	50 kA		
9080LBA165202L 9080LBA265202L 9080LBA365202L	6-250 (16-126.7)	6-250 (16-126.7)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
			HJL36150	150	65 kA	
			HLL36150	150	65 kA	
	6-2/0 (16-70)	6-2/0 (16-70)	BDL36125	125	18 kA	
			BGL36125	125	35 kA	
			BJL36125	125	65 kA	
	6-350 (16-185)	6-350 (16-185)	LJL36600	600	65kA	
			LJL36600	600	65 kA	
	6-250 (16-126.7)	6-250 (16-126.7)	JJL36250	250	25 kA	
JLL36250			250	50 kA		
6-350 (16-185)	6-350 (16-185)	LJL36600	600	25 kA		
		LLL36600	600	50 kA		

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ²) Cu		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.	
	Line	Load	Type	Max A			
9080LBA165212L 9080LBA265212L 9080LBA365212L	6-250 (16-126.7)	14-4 (2.5-25)	JDL36250	250	18 kA	480	
			JGL36250	250	35 kA		
			JJL36250	250	65 kA		
			JLL36250	250	65 kA		
			HDL36150	150	18 kA		
			HGL36150	150	35 kA		
	6-500 (16-240)		HJL36150	150	65 kA	600	
			HLL36150	150	65 kA		
	6-250 (16-126.7)		LJL36600	600	65 kA		
			LJL36600	600	65 kA		
	6-500 (16-240)		JLL36250	250	25 kA		
			JLL36250	250	50 kA		
LJL36600		600	25 kA				
LLL36600		600	50 kA				
9080LBC165212L 9080LBC365212L	6-250 (16-126.7)	14-2 (2.5-35)	JDL36250	250	18 kA		480
			JGL36250	250	35 kA		
			JJL36250	250	65 kA		
			JLL36250	250	65 kA		
			HDL36150	150	18 kA		
			HGL36150	150	35 kA		
	6-500 (16-240)		HJL36150	150	65 kA	600	
			HLL36150	150	65 kA		
	6-250 (16-126.7)		LJL36600	600	65 kA		
			LJL36600	600	65 kA		
	6-500 (16-240)		JJL36250	250	25 kA		
			JLL36250	250	50 kA		
LJL36600		600	25 kA				
LLL36600		600	50 kA				

Table 19 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Circuit Breakers (Continued)

Catalog Number	Suitable Conductors MCM/AWG (mm ² Cu)		Overcurrent Protection Circuit Breaker Required		SCCR, RMS Sym. Amperes	Volts Max.
	Line	Load	Type	Max A		
9080LBC165208L 9080LBC365208L	4-250 (25-126.7)	14-2/0 (2.5-70)	JDL36250	250	18 kA	480
			JGL36250	250	35 kA	
			JJL36250	250	65 kA	
			JLL36250	250	65 kA	
			HDL36150	150	18 kA	
			HGL36150	150	35 kA	
			HJL36150	150	65 kA	
			HLL36150	150	65 kA	
	4-2/0 (25-70)		BDL36125	125	18 kA	600
			BGL36125	125	35 kA	
			BJL36125	125	65 kA	
			LJL36600	600	65 kA	
	4-500 (25-240)		LLL36600	600	65 kA	600
			JLL36250	250	25 kA	
	4-250 (25-126.7)		JLL36250	250	50 kA	600
			LJL36600	600	25 kA	
4-500 (25-240)	LJL36600	600	25 kA	600		
	LLL36600	600	50 kA			

Table 20 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses

Catalog Numbers			Suitable Conductors kcmil/AWG (mm ²)		Fuse Type / Amperage						SCCR
1-Pole	2-Pole	3-Pole	Line	Load	J	T	RK1	RK5	G	CC	
9080LBA161101	-	9080LBA361101	6-2 (16-35)	6-2 (16-35)	200	200	200	100	60	30	100 kA
			10-2 (6-35)	10-2 (6-35)	100	100	100	30	60	30	100 kA
			10-2 (6-35)	10-2 (6-35)	125	125	60	30	60	30	65 kA
			10-4 (6-25) (class G,H,I,K)	10-4 (6-25) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			14-2 (2.5-35)	14-2 (2.5-35)	-				10 kA		
9080LBA161104	9080LBA261104	9080LBA361104	6-2 (16-35)	10 (6)	200	200	200	60	60	30	100 kA
			10-2 (6-35)	14-10 (2.5-6)	150	150	100	30	60	30	100 kA
			12-2 (4-35)	14-10 (2.5-6)	60	60	30	-	50	30	100 kA
			10-4 (6-25) (class G,H,I,K)	14-10 (2.5-6) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			14-2 (2.5-35)	14-10 (2.5-6)	-				10 kA		

**Table 20 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses
(Continued)**

Catalog Numbers			Suitable Conductors kcmil/AWG (mm ²)		Fuse Type / Amperage						SCCR
1-Pole	2-Pole	3-Pole	Line	Load	J	T	RK1	RK5	G	CC	
9080LBA162101L	9080LBA262101L	9080LBA362101L	6-2/0 (16-70)	6-2/0 (16-70)	300	300	200	100	60	30	65 kA
			6-1 (16-50) (class G,H,I,K)	6-1 (16-50) (class G,H,I,K)	300	300	200	100	60	30	65 kA
			14-2/0 (2.5-70)	14-2/0 (2.5-70)	-						10 kA
9080LBA162104L	9080LBA262104L	9080LBA362104L	6-2/0 (16-70)	10-4 (6-25)	200	200	200	100	60	30	100 kA
			6-2/0 (16-70)	14-4 (2.5-25)	150	150	100	30	60	30	100 kA
			6-1 (16-50) (class G,H,I,K)	12-6 (4-16) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			14-2/0 (2.5-70)	14-4 (2.5-25)	-						10 kA
-	-	9080LBA362106L	6-2/0 (16-70)	10-4 (6-25)	200	200	200	100	60	30	100 kA
			10-2/0 (6-70)	14-4 (2.5-25)	60	60	60	30	-	30	100 kA
			6-1 (16-50) (class G,H,I,K)	10-6 (6-16) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			10-1 (6-50) (class G,H,I)	14-6 (2.5-16) (class G,H,I)	60	60	60	30	-	30	100 kA
			14-2/0 (2.5-70)	14-4 (2.5-25)	-						10 kA
9080LBA163101L	9080LBA263101L	9080LBA363101L	1/0-350 (50-185)	1/0-350 (50-185)	400	400	400	100	60	30	100 kA
			6-350 (16-185)	6-350 (16-185)	300	300	200	100	60	30	100 kA
			1/0-250 (50-126.7) (class G,H,I,K)	1/0-250 (50-126.7) (class G,H,I,K)	300	300	200	100	60	30	100 kA
			6-350 (16-185)	6-350 (16-185)	-						10 kA
9080LBA163106L	9080LBA263106L	9080LBA363106L	3/0-400 (95-202.7)	8-2 (10-35)	500	500	400	200	60	30	100 kA
			6-400 (16-202.7)	10-2 (6-35)	350	350	200	100	60	30	100 kA
			1/0-250 (70-126.7) (class G,H,I,K)	10-4 (6-25) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			6-400 (16-202.7)	14-2 (2.5-35)	-						10 kA
9080LBA163206L	9080LBA263206L	9080LBA363206L	2-2/0 (35-70)	8-4 (10-25)	400	400	400	100	60	30	100 kA
			6-2/0 (16-70)	8-4 (10-25)	350	350	200	100	60	30	100 kA
			6-2/0 (16-70)	10-4 (6-25)	250	250	200	60	60	30	100 kA
			(1) 6 (16)	(2) 12 (4)	225	225	100	60	60	30	100 kA
			6-1 (16-50) (class G,H,I,K)	8-6 (10-16) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			14-2/0 (2.5-70)	14-4 (2.5-25)	-						10 kA

Table 20 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses (Continued)

Catalog Numbers			Suitable Conductors kcmil/AWG (mm ²)		Fuse Type / Amperage						SCCR
1-Pole	2-Pole	3-Pole	Line	Load	J	T	RK1	RK5	G	CC	
9080LBA164101L	-	9080LBA364101L	2-600 (35-300)	2-600 (35-300)	600	600	-	-	-	-	50 kA
			2-600 (35-300)	2-600 (35-300)	400	400	400	200	60	30	100 kA
			2-350 (35-185) (class G,H,I,K)	2-350 (35-185) (class G,H,I,K)	400	400	400	200	60	30	100 kA
			2-600 (35-300)	2-600 (35-300)	-						10 kA
9080LBA164108L	9080LBA264108L	9080LBA364108L	3/0-400 (95-202.7)	8-2 (10-35)	400	400	400	200	60	30	100 kA
			6-400 (16-202.7)	10-2 (6-35)	200	200	200	100	60	30	100 kA
			1/0-250 (50-126.7) (class G,H,I,K)	14-4 (2.5-25) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			6-400 (16-202.7)	14-2 (2.5-35)	-						10 kA
9080LBA165202L	9080LBA265202L	9080LBA365202L	4-350 (25-185)	4-350 (25-185)	450	450	400	200	60	30	100 kA
			4-350 (25-185)	4-350 (25-185)	600	600	-	-	-	-	50 kA
			2-250 (35-126.7) (class G,H,I,K)	2-250 (35-126.7) (class G,H,I,K)	600	600	-	-	-	-	50 kA
			2-250 (35-126.7) (class G,H,I,K)	2-250 (35-126.7) (class G,H,I,K)	450	450	400	200	60	30	100 kA
			4-350 (25-185)	4-350 (25-185)	-						10 kA
9080LBA1652021L	9080LBA2652021L	9080LBA3652021L	4-500 (25-240)	4-500 (25-240)	500	500	400	200	60	30	100 kA
			2-350 (35-185) (class G,H,I,K)	2-350 (35-185) (class G,H,I,K)	500	500	400	200	60	30	100 kA
			4-500 (25-240)	4-500 (25-240)	-						10 kA
9080LBA165106L	9080LBA265106L	9080LBA365106L	3/0-500 (95-240)	6-2/0 (16-70)	400	400	400	100	60	30	100 kA
			4-500 (25-240)	10-2/0 (6-70)	200	200	200	100	60	30	100 kA
			2-350 (35-185) (class G,H,I,K)	6-1 (16-50) (class G,H,I,K)	400	400	400	100	60	30	100 kA
			2-350 (35-185) (class G,H,I,K)	10-1 (6-50) (class G,H,I,K)	250	250	200	100	60	30	100 kA
			4-500 (25-240)	14-2/0 (2.5-70)	-						10 kA
9080LBA165112L	9080LBA265112L	9080LBA365112L	3/0-500 (95-240)	6-2 (16-35)	400	400	400	200	60	30	100 kA
			4-500 (25-240)	10-2 (6-35)	250	250	200	100	60	30	100 kA
			2-350 (35-185) (class G,H,I,K)	6-4 (16-25) (class G,H,I,K)	400	400	400	200	60	30	100 kA
			2-350 (35-185) (class G,H,I,K)	10-4 (6-25) (class G,H,I,K)	250	250	200	200	60	20	100 kA
			4-500 (25-240)	14-2 (2.5-35)	-						10 kA

**Table 20 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses
(Continued)**

Catalog Numbers			Suitable Conductors kcmil/AWG (mm ²)		Fuse Type / Amperage						SCCR
1-Pole	2-Pole	3-Pole	Line	Load	J	T	RK1	RK5	G	CC	
9080LBA165208L	9080LBA265208L	9080LBA365208L	250–500 (126.7–240)	4–2/0 (25–70)	600	600	400	200	60	30	100 kA
			4–500 (25–240)	10–2/0 (6–70)	350	350	200	100	60	30	100 kA
			250–350 (126.7–185) (class G,H,I,K)	4–1 (25–50) (class G,H,I,K)	600	600	400	200	60	30	100 kA
			4–350 (25–185) (class G,H,I,K)	10–6 (6–16) (class G,H,I,K)	350	350	200	100	60	30	100 kA
			4–500 (25–240)	14–2/0 (2.5–70)	–						10 kA
9080LBA165212L	9080LBA265212L	9080LBA365212L	250–500 (126.7–240)	8–4 (10–25)	400	400	200	100	60	30	100 kA
			4–500 (25–240)	10–4 (6–25)	350	350	200	100	60	30	100 kA
			250–350 (126.7–185) (class G,H,I,K)	8–6 (10–16) (class G,H,I,K)	400	400	200	100	60	30	100 kA
			4–350 (25–185) (class G,H,I,K)	10–6 (6–16) (class G,H,I,K)	350	350	200	100	60	30	100 kA
			4–500 (25–240)	14–4 (2.5–25)	–						10 kA
9080LBC162101L	–	9080LBC362101L	6–1/0 (16–50)	6–1/0 (16–50)	175	175	100	60	60	30	100 kA
			6–1 (16–50) (class G,H,I,K)	6–1 (16–50) (class G,H,I,K)	175	175	100	60	60	30	100 kA
			14–1/0 (2.5–50)	14–1/0 (2.5–50)	–						10 kA
9080LBC162104L	9080LBC262104L	9080LBC362104L	6–2/0 (16–70)	10–4 (6–25)	200	200	200	100	60	30	100 kA
			10–2/0 (6–70)	14–4 (2.5–25)	150	150	100	30	60	30	100 kA
			6–1 (16–50) (class G,H,I,K)	12–6 (4–16) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			14–2/0 (2.5–70)	14–4 (2.5–25)	–						10 kA
9080LBC163106L	9080LBC263106L	9080LBC363106L	3/0–500 (95–240)	8–2 (10–35)	400	400	400	200	60	30	100 kA
			4–500 (25–240)	10–2 (6–35)	300	300	200	100	60	30	100 kA
			1/0–250 (50–126.7) (class G,H,I,K)	10–4 (6–25) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			4–500 (25–240)	14–4 (2.5–25)	–						10 kA

Table 20 - 9080LBA and 9080LBC Power Distribution Blocks Short-Circuit Current Ratings with Fuses (Continued)

Catalog Numbers			Suitable Conductors kcmil/AWG (mm ²)		Fuse Type / Amperage						SCCR
1-Pole	2-Pole	3-Pole	Line	Load	J	T	RK1	RK5	G	CC	
9080LBC163206L	9080LBC263206L	9080LBC363206L	2-2/0 (35-70)	8-4 (10-25)	400	400	400	100	60	30	100 kA
			6-2/0 (16-70)	8-4 (10-25)	350	350	200	100	60	30	100 kA
			10-4 (6-25) (class G,H,I,K)	14-10 (2.5-6) (class G,H,I,K)	150	150	100	30	60	30	100 kA
			14-2/0 (2.5-70)	14-4 (2.5-25)	-						10 kA
9080LBC165208L	-	9080LBC365208L	250-500 (126.7-240)	4-2/0 (25-70)	500	500	400	200	60	30	100 kA
			4-500 (25-240)	6-2/0 (16-70)	450	450	400	200	60	30	100 kA
			250-350 (126.7-185) (class G,H,I,K)	4-1 (25-50) (class G,H,I,K)	500	500	400	200	60	30	100 kA
			2-350 (35-185) (class G,H,I,K)	6-1 (16-50) (class G,H,I,K)	450	450	400	200	60	30	100 kA
			4-500 (25-240)	14-2/0 (2.5-70)	-						10 kA
9080LBC165212L	-	9080LBC365212L	4-500 (25-240)	10-2 (6-35)	400	400	400	200	60	30	100 kA
			250-500 (126.7-240)	8-2 (10-35)	600	600	-	-	-	-	50 kA
			2-350 (35-185) (class G,H,I,K)	10-4 (6-25) (class G,H,I,K)	400	400	400	200	60	30	100 kA
			250-350 (126.7-185) (class G,H,I,K)	8-4 (10-25) (class G,H,I,K)	600	600	-	-	-	-	50 kA
			4-500 (25-240)	14-2 (2.5-35)	-						10 kA

Stranded Wire Applications

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. 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. Stranded wire 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 *Wire Classes*, page 63.

Wire Classes

Table 21 - Wire Classes–Enclosed Power Distribution Blocks

Catalog No.	No. of Terminals	AWG (mm ²) (Cu Stranded)	Torque lb-in (N•m)	Wires / Terminal	Class	IP20 Protection AWG (mm ²)	
NSYEBAD11611	1	Line and Load Side	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)	
NSYEBAD11614	1	Line Side	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)	
	4	Load Side	14–10 (2.5–6)	7 (0.80)	1	B, C, G, H, I (DLO)	14–10 (2.5–4)
NSYEBAD12611 NSYEBAP12611 NSYEBAD12611 NSYEBBCD12611 NSYEBBCP12611	1	Line and Load Side	3/0 (95)	180 (20.3)	1	B, C	2–3/0 (35–70)
			2–2/0 (35–70)	180 (20.3)	1	B, C, G, H, I (DLO)	
			4 (25)	180 (20.3)	1	B, C, G, H, I (DLO)	
			4 (25)	180 (20.3)	1 to 2	B, C	
			8–6 (10–16)	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)	
NSYEBAD12614 NSYEBAP12614 NSYEBAD12614 NSYEBBCD12614 NSYEBBCP12614	1	Line Side	3/0 (95)	180 (20.3)	1	B, C	2–3/0 (35–70)
			2–2/0 (35–70)	180 (20.3)	1	B, C, G, H, I (DLO)	
			4 (25)	180 (20.3)	1	B, C, G, H, I (DLO)	
			4 (25)	180 (20.3)	1 to 2	B, C	
			8–6 (10–16)	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)	
	4	Load Side	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)	

Table 21 - Wire Classes–Enclosed Power Distribution Blocks (Continued)

Catalog No.	No. of Terminals	AWG (mm ²) (Cu Stranded)	Torque lb-in (N•m)	Wires / Terminal	Class	IP20 Protection AWG (mm ²)	
NSYEBAD13618 NSYEBAP13618 NSYEBAD13618 NSYEBAD13618	1	Line Side	2/0–400 (70–202.7)	375 (42.2)	1	B, C, G, H, I (DLO)	300–400 (150–185)
			2–1/0 (35–50)	275 (31.0)	1	B, C, G, H, I (DLO)	
			6–4 (16–25)	275 (31.0)	1	B, C	
			3/0 (95)	120 (13.5)	1	B, C	4–3/0 (25–70)
			1–2/0 (50–70)	120 (13.5)	1	B, C, G, H, I (DLO)	
			6–2 (16–35)	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)			
	8	Load Side	4–2 (25–35)	80 (9.0)	1	B, C, G, H, I (DLO)	12–2 (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)		
NSYEBAD25622 NSYEBAP25622 NSYEBAD25622 NSYEBAD25622	2	Line and Load Side	1–250 (50–126.7)	275 (31.1)	1	B, C, G, H, I (DLO)	4/0–250 (120)
2 (35)			120 (13.5)	1	B, C, G, H, I (DLO)		
6–4 (16–25)			120 (13.5)	1	B, C		
NSYEBAP27622	2	Line and Load Side	4–500 (25–240)	375 (42.4)	1	B, C	4/0–500 (120–240)
			2–350 (35–185)	375 (42.4)	1	B, C, G, H, I (DLO)	
NSYEBAP27628 NSYEBAD27628 NSYEBAD27628	2	Line Side	4–500 (25–240)	375 (42.4)	1	B, C	4/0–500 (120–240)
			4–350 (25–185)	375 (42.4)	1	B, C, G, H, I (DLO)	
8	Load Side	6–2/0 (16–70)	120 (13.6)	1	B, C	10–2/0 (6–50)	
		6–1 (16–50)	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)		

Table 22 - Wire Classes—9080LB Open Power Distribution Blocks

Catalog No.	AWG (mm ²) (Cu Stranded)	Torque lb-in (N•m)	Wires / Terminal	Class	
9080LBA161101 9080LBA361101	Line Side	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	B, C, G, H, I (DLO)
		14-10 (2.5-6)	35 (4.0)	1	B, C, I (DLO)
	Load Side	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 ⁽⁶¹⁾	B, C, G, H, I (DLO)
		14-10 (2.5-6)	35 (4.0)	1-2 ⁽⁶¹⁾	B, C, I (DLO)
9080LBA161104 9080LBA261104 9080LBA361104	Line Side	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	B, C, G, H, I (DLO)
		14-10 (2.5-6)	35 (4.0)	1	B, C, I, (DLO)
	Load Side	12-10 (4-6)	7 (.8)	1	B, C, I (DLO)
		14 (2.5)	7 (.8)	1-2 ⁽⁶¹⁾	B, C, I (DLO)
		18-16 (1.0-1.5)	7 (.8)	1	B,C
9080LBA162101L 9080LBA262101L 9080LBA362101L	Line and Load Side	1/0-2/0 (50-70)	120 (13.6)	1	B, C
		6-1 (16-50)	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)
9080LBA162104L 9080LBA262104L 9080LBA362104L	Line Side	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
	Load Side	14-10 (2.5-6)	35 (4)	1	B, C
		4 (25)	35 (4)	1	B, C
		6 (16)	35 (4)	1	B, C, I (DLO)
		8 (10)	35 (4)	1	B, C
	14-10 (2.5-6)	35 (4)	1-2 ⁽⁶¹⁾	B, C	
9080LBA163101L 9080LBA263101L 9080LBA363101L	Line and Load Side	300-350 (150-185)	275 (31.1)	1	B, C
		2-250 (35-126.7)	275 (31.1)	1	B, C, G, H, I (DLO)
		6-4 (16-25)	275 (31.1)	1	B,C

(61) Multiple wire rating applies to Class B and C.

Table 22 - Wire Classes–9080LB Open Power Distribution Blocks (Continued)

Catalog No.	AWG (mm ²) (Cu Stranded)	Torque lb-in (N•m)	Wires / Terminal	Class	
9080LBA163106L 9080LBA263106L 9080LBA363106L	Line Side	350–400 (185–202.7)	275 (31.1)	1	B, C
		2–300 (35–150)	275 (31.1)	1	B, C, G, H, I (DLO)
		6–4 (16–25)	275 (31.1)	1	B, C
	Load Side	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 ⁽⁶²⁾	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		
9080LBA163206L 9080LBA263206L 9080LBA363206L	Line Side	1/0–2/0 (50–70)	120 (13.6)	1	B, C
		6–1 (16–50)	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)
	Load Side	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		
9080LBA164101L 9080LBA364101L	Line and Load Side	400–600 (202.7–300)	500 (56.5)	1	B, C
		2–350 (35–185)	500 (56.5)	1	B, C, G, H, I (DLO)
		4 (25)	500 (56.5)	1	B, C
9080LBA164108L 9080LBA264108L 9080LBA364108L	Line Side	350–400 (185–202.7)	275 (31.1)	1	B, C
		2–300 (35–150)	275 (31.1)	1	B, C, G, H, I (DLO)
		6–4 (16–25)	275 (31.1)	1	B, C
	Load Side	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 ⁽⁶³⁾	B, C, G, H, I (DLO)
		10 (6)	35 (4)	1–2 ⁽⁶³⁾	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		
9080LBA165106L 9080LBA265106L 9080LBA365106L	Line Side	500 (240)	375 (42.4)	1	B, C
		2–400 (35–202.7)	375 (42.4)	1	B, C, G, H, I (DLO)
		4 (25)	375 (42.4)	1	B, C
	Load Side	1/0–2/0 (50–70)	120 (13.6)	1	B, C
		6–1 (16–50)	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)

(62) Multiple wire rating applies to Class B, C, and I.

(63) Multiple wire rating applies to Class B and C.

Table 22 - Wire Classes—9080LB Open Power Distribution Blocks (Continued)

Catalog No.	AWG (mm ²) (Cu Stranded)		Torque lb-in (N•m)	Wires / Terminal	Class
9080LBA165112L 9080LBA265112L 9080LBA365112L	Line Side	500 (240)	375 (42.4)	1	B, C
		2–400 (35–202.7)	375 (42.4)	1	B, C, G, H, I (DLO)
		4 (25)	375 (42.4)	1	B, C
	Load Side	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 ⁽⁶⁴⁾	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		
9080LBA165202L 9080LBA265202L 9080LBA365202L	Line and Load Side	300–350 (150–185)	275 (31.1)	1	B, C
		2–250 (35–126.7)	275 (31.1)	1	B, C, G, H, I (DLO)
		4 (25)	275 (31.1)	1	B, C
9080LBA1652021L 9080LBA2652021L 9080LBA3652021L	Line and Load Side	500 (240)	375 (42.4)	1	B, C
		2–400 (35–202.7)	375 (42.4)	1	B, C, G, H, I (DLO)
		4 (25)	375 (42.4)	1	B, C
9080LBA165208L 9080LBA265208L 9080LBA365208L	Line and Load Side	500 (240)	375 (42.4)	1	B, C
		2–400 (35–202.7)	375 (42.4)	1	B, C, G, H, I (DLO)
		6–4 (16–25)	375 (42.4)	1	B, C
9080LBA165212L 9080LBA265212L 9080LBA365212L	Line Side	500 (240)	375 (42.4)	1	B, C
		400 (202.7)	375 (42.4)	1	B, C, G, H
		2–350 (35–185)	375 (42.4)	1	B, C, G, H, I (DLO)
	Load Side	6–4 (16–25)	375 (42.4)	1	B, C
		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		
9080LBA362106L	Line Side	1/0–2/0 (50–70)	120 (13.6)	1	B, C
		6–1 (16–50)	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)
	Load Side	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		

(64) Multiple wire rating applies to Class B and C.

Table 22 - Wire Classes–9080LB Open Power Distribution Blocks (Continued)

Catalog No.	AWG (mm ²) (Cu Stranded)	Torque lb-in (N•m)	Wires / Terminal	Class	
9080LBC162101L 9080LBC362101L	Line Side	1/0–2/0 (50–70)	120 (13.6)	1	B, C
		6–1 (16–50)	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)
	Load Side	1/0–2/0 (50–70)	120 (13.6)	1	B, C
		6–1 (16–50)	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)
9080LBC162104L 9080LBC262104L 9080LBC362104L	Line Side	1/0–2/0 (50–70)	120 (13.6)	1	B, C
		6–1 (16–50)	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)
	Load Side	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)
9080LBC163106L 9080LBC263106L 9080LBC363106L	Line Side	500 (240)	375 (42.4)	1	B, C
		2–400 (35–202.7)	375 (42.4)	1	B, C, G, H, I (DLO)
		4 (25)	375 (42.4)	1	B, C
	Load Side	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 ⁽⁶⁵⁾	B, C, G, H, I (DLO)
		10 (6)	35 (4)	1–2 ⁽⁶⁵⁾	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		
9080LBC163206L 9080LBC263206L 9080LBC363206L	Line Side	1/0–2/0 (50–70)	120 (13.6)	1	B, C
		6–1 (16–50)	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)
	Load Side	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		

(65) Multiple wire rating applies to Class B and C.

Table 22 - Wire Classes—9080LB Open Power Distribution Blocks (Continued)

Catalog No.	AWG (mm ²) (Cu Stranded)	Torque lb-in (N•m)	Wires / Terminal	Class	
9080LBC165208L 9080LBC365208L	Line Side	500 kcmil (240)	375 (42.4)	1	B, C
		2–400 (35–202.7)	375 (42.4)	1	B, C, G, H, I (DLO)
		4 (25)	375 (42.4)	1	B, C
	Load Side	1/0–2/0 (50–70)	120 (13.6)	1	B, C
		6–1 (16–50)	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)	
9080LBC165212L 9080LBC365212L	Line Side	500 (240)	375 (42.4)	1	B, C
		2–400 (35–202.7)	375 (42.4)	1	B, C, G, H, I (DLO)
		4 (25)	375 (42.4)	1	B, C
	Load Side	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 ⁽⁶⁶⁾	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

⁽⁶⁶⁾ Multiple wire rating applies to Class B and C.

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