

# Catalogue Numbering System

## Into stock panelboards

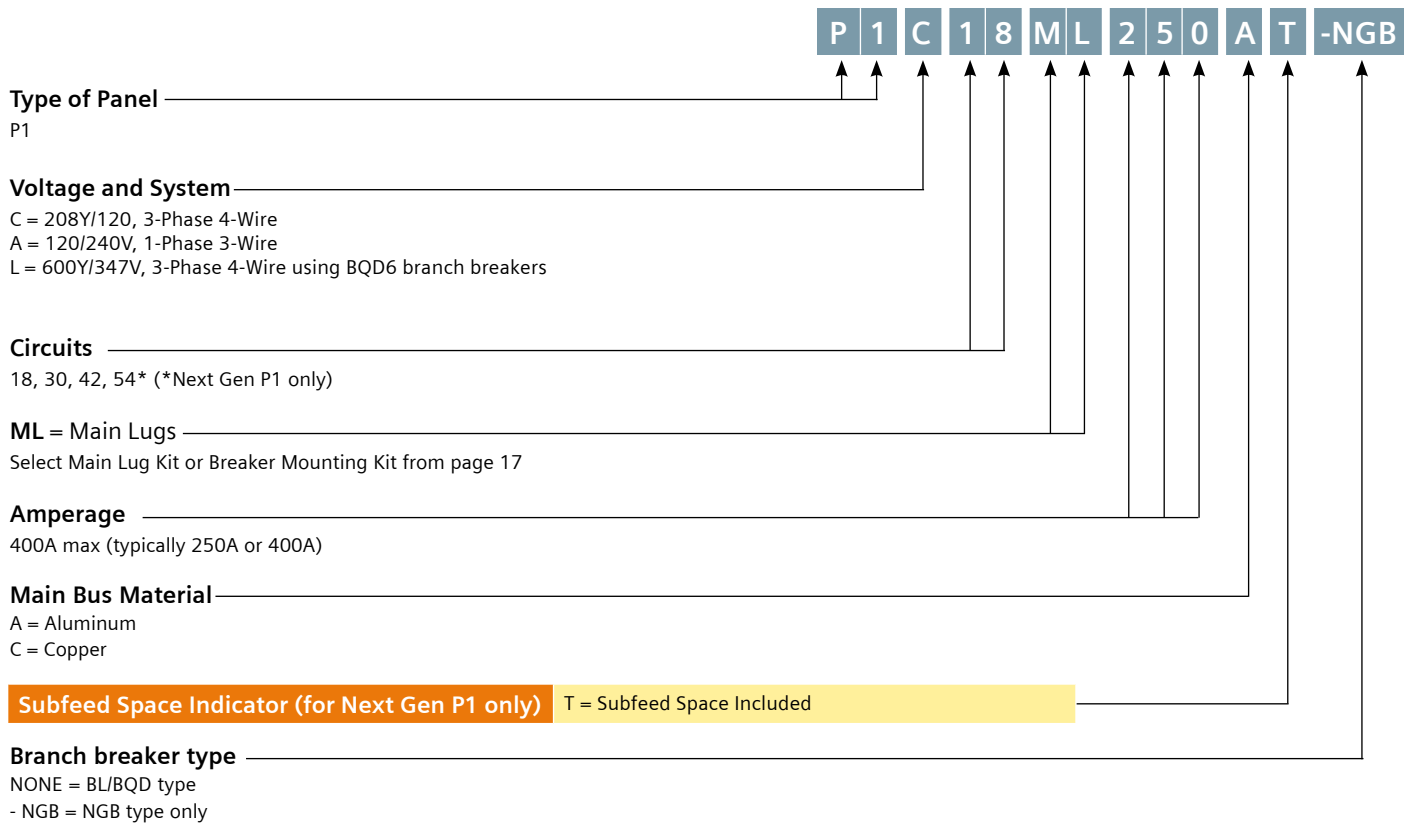
Type P1 into stock panelboards are completely convertible from main lug to main breaker and vice-versa. Additionally feed-thru lugs, or subfeed circuit breakers up to 400 ampere can be added without increasing the box height for Next Gen P1 with "T" suffix, see the chart.

1. Compute total number of poles to determine interior catalogue number. (Note: BL / BQD (or) NGB Main Breaker will use unit space. The total number of poles should include 2 (or) 3 poles for 1-phase (or) 3-phase mains.)
2. List catalogue number of interior, box and front.
3. Select main lug kit or main breaker kit from appropriate tables.

**Note:** Main/Subfeed Breaker mounting kits may be ordered with or without breakers included, see page 5 and 6 for selection.

4. List required branch circuit breakers.
5. Select any modifications or accessories.

Note: Next Gen P1 was introduced in June 2015. All original P1 devices do not include the "Subfeed Space" indicator ("T" suffix). All original P1 included the Subfeed Space as standard.



**Note:** Standard bussing in P1 and Next Gen P1 panels is tin plated for aluminum and copper. Standard bus is rated to the maximum amperage in the panel.

### Branch Breakers

Panel Type	Voltage (Max.)	Breaker Type	Additional Information
Next Gen P	240 600 / 347	BL, BLH, HBL, BQD, NGB BQD6, NGB	See Page 17

# Distributor Stock

## Type P1 Panelboards

### 400A Max. — 20" Wide x 5.75" Deep

1. Choose the appropriate Interior from the table below.
2. Choose the Main Device: Main Lugs from page 16, Main Breaker Kit from pages 16 - 17.
3. Choose Branch Breakers. BL, BQD and NGB breakers from page 19.
4. Choose Feed-Thru Lugs or Subfeed Breaker Kit from pages 16 - 17.



## Type P1 Into Stock Panelboards (Next Gen P1 introduced in June 2015)

Amps	Max. # of Poles	Original Main Lugs Interior Catalogue Number	Next Gen P1 Main Lug Interior Catalogue Number	Original Main Convertible Interior Catalogue Number	Next Gen P1 Main Convertible Interior Catalogue Number	Box Size	Type 1 Encl.	Type 3R/12 Encl. ①	Type 1 Front Surface	Type 1 Front Flush
<b>1-Phase, 3-Wire 120/240V</b>										
250	18	P1A18ML250A	P1A18MC250AT	P1A18MC250A	P1A18MC250AT	32	B32	WP32	S32B	F32B
	30	P1A30ML250A	P1A30ML250AT	P1A30MC250A	P1A30MC250AT	38	B38	WP38	S38B	F38B
	42	P1A42ML250A	P1A42ML250AT	P1A42MC250A	P1A42MC250AT	44	B44	WP44	S44B	F44B
400	18	P1A18ML400A	—	P1A18MC400A	—	50	B50	WP50	S50B	F50B
	30	P1A30ML400A	P1A30ML400AT	P1A30MC400A	P1A30MC400AT	62	B62	WP62	S62B	F62B
	42	P1A42ML400A	P1A42ML400AT	P1A42MC400A	P1A42MC400AT	68	B68	WP68	S68B	F68B
250	18	P1A18ML250C	P1A18ML250CT	P1A18MC250C	P1A18MC250CT	32	B32	WP32	S32B	F32B
	30	P1A30ML250C	P1A30ML250CT	P1A30MC250C	P1A30MC250CT	38	B38	WP38	S38B	F38B
	42	P1A42ML250C	P1A42ML250CT	P1A42MC250C	P1A42MC250CT	44	B44	WP44	S44B	F44B
400	18	P1A18ML400C	—	P1A18MC400C	—	50	B50	WP50	S50B	F50B
	30	P1A30ML400C	P1A30ML400CT	P1A30MC400C	P1A30MC400CT	62	B62	WP62	S62B	F62B
	42	P1A42ML400C	P1A42ML400CT	P1A42MC400C	P1A42MC400CT	68	B68	WP68	S68B	F68B
<b>3-Phase, 4-Wire 208Y/120V</b>										
250	18	P1C18ML250A	P1C18ML250AT	P1C18MC250A	P1C18MC250AT	32	B32	WP32	S32B	F32B
	30	P1C30ML250A	P1C30ML250AT	P1C30MC250A	P1C30MC250AT	38	B38	WP38	S38B	F38B
	42	P1C42ML250A	P1C42ML250AT	P1C42MC250A	P1C42MC250AT	44	B44	WP44	S44B	F44B
400	18	P1C18ML400A	—	P1C18MC400A	—	50	B50	WP50	S50B	F50B
	30	P1C30ML400A	P1C30ML400AT	P1C30MC400A	P1C30MC400AT	62	B62	WP62	S62B	F62B
	42	P1C42ML400A	P1C42ML400AT	P1C42MC400A	P1C42MC400AT	68	B68	WP68	S68B	F68B
250	18	P1C18ML250C	P1C18ML250CT	P1C18MC250C	P1C18MC250CT	32	B32	WP32	S32B	F32B
	30	P1C30ML250C	P1C30ML250CT	P1C30MC250C	P1C30MC250CT	38	B38	WP38	S38B	F38B
	42	P1C42ML250C	P1C42ML250CT	P1C42MC250C	P1C42MC250CT	44	B44	WP44	S44B	F44B
400	18	P1C18ML400C	—	P1C18MC400C	—	50	B50	WP50	S50B	F50B
	30	P1C30ML400C	P1C30ML400CT	P1C30MC400C	P1C30MC400CT	62	B62	WP62	S62B	F62B
	42	P1C42ML400C	P1C42ML400CT	P1C42MC400C	P1C42MC400CT	68	B68	WP68	S68B	F68B
<b>3-Phase, 4-Wire 600Y/347V</b>										
250	18	P1L18ML250A	P1L18ML250AT	P1L18MC250A	P1L18MC250AT	32	B32	WP32	S32B	F32B
	30	P1L30ML250A	P1L30ML250AT	P1L30MC250A	P1L30MC250AT	38	B38	WP38	S38B	F38B
	42	P1L42ML250A	P1L42ML250AT	P1L42MC250A	P1L42MC250AT	44	B44	WP44	S44B	F44B
400	18	P1L18ML400A	—	P1L18MC400A	—	50	B50	WP50	S50B	F50B
	30	P1L30ML400A	P1L30ML400AT	P1L30MC400A	P1L30MC400AT	62	B62	WP62	S62B	F62B
	42	P1L42ML400A	P1L42ML400AT	P1L42MC400A	P1L42MC400AT	68	B68	WP68	S68B	F68B
250	18	P1L18ML250C	P1L18ML250CT	P1L18MC250C	P1L18MC250CT	32	B32	WP32	S32B	F32B
	30	P1L30ML250C	P1L30ML250CT	P1L30MC250C	P1L30MC250CT	38	B38	WP38	S38B	F38B
	42	P1L42ML250C	P1L42ML250CT	P1L42MC250C	P1L42MC250CT	44	B44	WP44	S44B	F44B
400	18	P1L18ML400C	—	P1L18MC400C	—	50	B50	WP50	S50B	F50B
	30	P1L30ML400C	P1L30ML400CT	P1L30MC400C	P1L30MC400CT	62	B62	WP62	S62B	F62B
	42	P1L42ML400C	P1L42ML400CT	P1L42MC400C	P1L42MC400CT	68	B68	WP68	S68B	F68B
<b>Interiors for NGB Breakers — 3-Phase, 4-Wire 600Y/347V</b>										
250	18	—	P1L18ML250AT-NGB	—	P1L18MC250AT-NGB	32	B32	WP32	S32B	F32B
	30	—	P1L30ML250AT-NGB	—	P1L30MC250AT-NGB	38	B38	WP38	S38B	F38B
	42	—	P1L42ML250AT-NGB	—	P1L42MC250AT-NGB	44	B44	WP44	S44B	F44B
400	18	—	P1L54ML250AT-NGB	—	P1L54MC250AT-NGB	50	B50	WP50	S50B	F50B
	30	—	P1L30ML400AT-NGB	—	P1L30MC400AT-NGB	62	B62	WP62	S62B	F62B
	42	—	P1L42ML400AT-NGB	—	P1L42MC400AT-NGB	68	B68	WP68	S68B	F68B
250	18	—	P1L54ML400AT-NGB	—	P1L54MC400AT-NGB	74	B74	WP74	S74B	F74B
	30	—	P1L18ML250CT-NGB	—	P1L18MC250CT-NGB	32	B32	WP32	S32B	F32B
	42	—	P1L30ML250CT-NGB	—	P1L30MC250CT-NGB	38	B38	WP38	S38B	F38B
400	18	—	P1L42ML250CT-NGB	—	P1L42MC250CT-NGB	44	B44	WP44	S44B	F44B
	30	—	P1L54ML250CT-NGB	—	P1L54MC250CT-NGB	50	B50	WP50	S50B	F50B
	42	—	P1L30ML400CT-NGB	—	P1L30MC400CT-NGB	62	B62	WP62	S62B	F62B
400	18	—	P1L42ML400CT-NGB	—	P1L42MC400CT-NGB	68	B68	WP68	S68B	F68B
	30	—	P1L54ML400CT-NGB	—	P1L54MC400CT-NGB	74	B74	WP74	S74B	F74B



42 circuit with Back-fed Main



54 circuit 400A

① Front included in type 3R/12 Box.

Product Category into stock

# Distributor Stock

## Type P1 Panelboards

### Lug Kits — Main or Feed Thru

Amp Rating	Matl.	Wire Range (includes Neutral)	Service	Original P1 Catalogue Number	Next Gen P1 Catalogue Number
250	AL	(1) #6 AWG-350 kcmil (CU or AL)	1 Phase 3 Phase	MLKA1 MLKA3	MLKA1A MLKA3A
	CU	(1) #6 AWG-350 kcmil (CU or AL)	1 Phase 3 Phase	MLKC1 MLKC3	MLKC1A MLKC3A
400	AL	(2) 1/0 - 250 kcmil or (1) #2 AWG-600 kcmil	1 Phase 3 Phase	4MLKA1 4MLKA3	4MLKA1A 4MLKA3A
	CU	(1) 1/0-600 kcmil CU or (2) 1/0-4/0 CU	1 Phase 3 Phase	4MLKC1 4MLKC3	4MLKC1A 4MLKC3A
400	AL	AL 1/0-750 kcmil (max. 600 kcmil CU wire)	1 Phase 3 Phase	— —	4MLKA1B 4MLKA3B

### Breaker Mounting Kits — Main or Subfeed Strap Kit w/o Breaker

Ampere Rating	Breaker Types	Service	Original P1 Catalogue Number	Next Gen P1 Catalogue Number
100A	BQD	3-Phase	MBKBC3	Use Back-fed Main Label Kit # MBKBFA <sup>ⓐ</sup> (includes Neutral Lug, "MAIN" label and instructions)
100A	BL, BLH, HBL	1-Phase 3-Phase	MBKBL1 MBKBL3	
125A	NGB	1-Phase 3-Phase	— —	
125A	ED4, ED6, HED4	1-Phase 3-Phase	MBKED1 MBKED3	MBKED1A MBKED3A
225A	QJ2, QJH2, QJ2-H	1-Phase 3-Phase	MBKQJ1 MBKQJ3	MBKQJ1A MBKQJ3A
250A	FXD6, FD6, HFD6, HFXD6	1-Phase 3-Phase	MBKFD1 MBKFD3	MBKFD1A MBKFD3A
400A <sup>ⓐ</sup>	JXD2, JD6, JXD6, HJD6, HJXD6	1-Phase 3-Phase	MBKJD1 MBKJD3	MBKJD1A MBKJD3A

<sup>ⓐ</sup> 400 amp kit is for main only — not allowed for subfeed breaker.  
<sup>ⓑ</sup> Back-fed main occupies branch space.

### Copper Neutral Lug Kits — 250A

Number of Circuits	Description	Original P1 Catalogue Number	Next Gen P1 Catalogue Number
18	2 or 4 Branch Neutral Strips, 1 Main Neutral Lug, Hardware	CNKL18	Use 30 ckt kit
30		CNKL30	CNLK30A
42		CNKL42	CNLK42A
54, 66		—	CNLK54A

### 2/0 Neutral Lug Kits — 250A and 400A

Number of Circuits	Description	Original P1 Catalogue Number	Next Gen P1 Catalogue Number
18	2 or 4 Branch Neutral Strips, 1 Main Neutral Lug, Hardware	—	Use 30 ckt kit
30		—	LNLK30A
42		—	LNLK42A
54, 66		—	LNLK54A

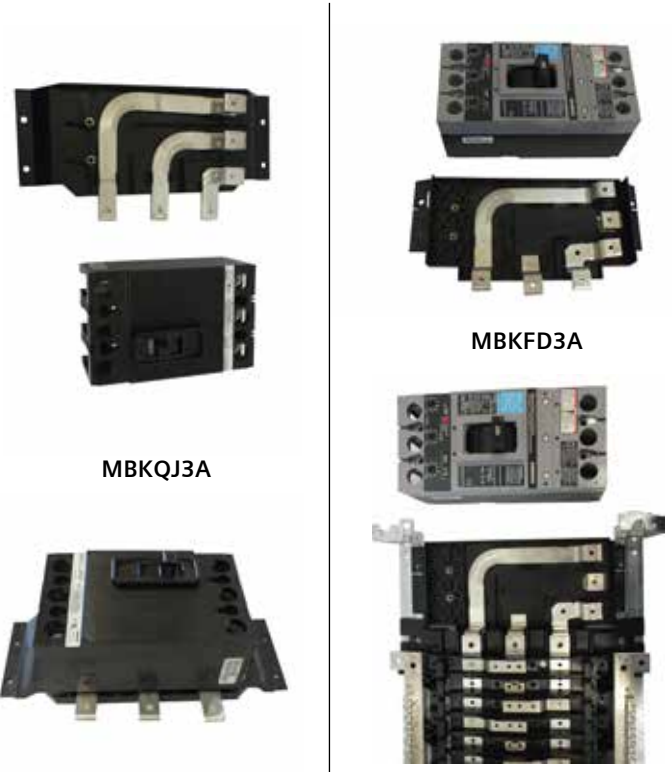
### 200% Neutral Lug Kits - 250A

Number of Circuits	Description	Original P1 Catalogue Number	Next Gen P1 Catalogue Number
18	2 or 4 Branch Neutral Strips, 1 Main Neutral Lug, Hardware	2NLK18	Use 30 ckt kit
30		2NLK30	2NLK30A
42		2NLK42	2NLK42A
54, 66		—	2NLK54A

### 200% Neutral Lug Kits - 400A

Number of Circuits	Description	Original P1 Catalogue Number	Next Gen P1 Catalogue Number
18	2 or 4 Branch Neutral Strips, 1 Main 600MCM Neutral Lug, Hardware	42NLK18	Use 30 ckt kit
30		42NLK30	42NLK30A
42		42NLK42	42NLK42A
54, 66		—	42NLK54A

<sup>ⓐ</sup> Replacement Parts Only



### Miscellaneous Parts and Accessories

Catalogue #	Description
BK1	Bonding Kit for 250A max. Original P1 panels
BK1A	Bonding Kit for 250A max. Next Gen P1 panels
IMK1	Interior Adjusting Kit
11-1824-01	Directory Card Holder
12-1110-01	Directory Card
11-1056-01B	Instruction Book
NBK03	Number Strips 1–42. Stick-on type; Use w/ P1 series Panels
NBK04	Number Strips 43–84. Stick-on type; Use w/ P1 series Panels
NBK05	Number Strips 85–126. Stick-on type; Use w/ P1 series Panels
NBK06	Number Strips 127–168. Stick-on type; Use w/ P1 series Panels
EGK	AL Ground Bus 44 Connections
ECGK	CU Ground Bus 44 Connections
IGK	Insulated AL Ground Bus
ICGK	Insulated CU Ground Bus
P1SCRWS	Package of 42 breaker mounting screws for P1
DFFP1	1" Branch circuit filler plate (suitable for replacing QF3-UL in panelboards (Package of 100 filler plates)
P1CONBPHCU <sup>ⓐ</sup>	Connector kit – 6 pcs. B-phase Copper
P1CONBPHAL <sup>ⓐ</sup>	Connector kit – 6 pcs. B-phase Aluminum
P1CONACPHCU <sup>ⓐ</sup>	Connector kit – 6 pcs. A or C-phase Copper
P1CONACPHAL <sup>ⓐ</sup>	Connector kit – 6 pcs. A or C-phase Aluminum
MCHK-1	1 Metallic directory card holder
FPLK2	2 Spare Fas-latch trim locks with 2 keys
SDKN	Dripshield kit (20" W x 5.75" D)
TPS9IKITP1	Original P1 mounting bracket for SPD TPS3 09
TPS9IKITP1A	Next Gen P1 mounting bracket for SPD TPS3 09
MBKBFA	Back-Fed Main Breaker Kit

### Product Category into stock

# Distributor Stock

## Main Breaker Mounting Kits with Breakers for P1 Panels (250A and lower can be used as subfeed kits also)

Original P1 Catalogue Number	Next Gen P1 Catalogue Number	Description	Ratings	
			240V	600V
MBKQJ12225	MBKQJ12225A	Kit w/2-pole QJ2 125A breaker	10KA	—
MBKQJ33150	MBKQJ33150A	Kit w/3-pole QJ2 150A breaker	10KA	—
MBKQJ33200	MBKQJ33200A	Kit w/3-pole QJ2 175A breaker	10KA	—
MBKQJ33225	MBKQJ33225A	Kit w/3-pole QJ2 200A breaker	10KA	—
MBKED33100	MBKED33100A	Kit w/3-pole ED6 100A breaker	65KA	18KA
MBKED33125	MBKED33125A	Kit w/3-pole ED6 125A breaker	65KA	18KA
MBKFD33200	MBKFD33200A	Kit w/3-pole FXD6 200A breaker	65KA	22KA
MBKFD33225	MBKFD33225A	Kit w/3-pole FXD6 225A breaker	65KA	22KA
MBKFD33250	MBKFD33250A	Kit w/3-pole FXD6 250A breaker	65KA	22KA
MBKHF33250	MBKHF33250A	Kit w/3-pole HFD6 250A breaker	100KA	25KA
MBKJD33400	MBKJD33400A	Kit w/3-pole JD6 400A breaker	65KA	25KA

NOTE: "Next Gen P1" kits above only work for interior numbers ending in "T" or "N".  
Use "Original P1" kits for all others.

### AFCI – Branch Feeder Type Arc Fault Circuit Interrupter

Breaker Type	Ampere Rating	Catalogue Number	Interrupting Ratings (kA) RMS Symmetrical Amperes		
			Volts AC		
			120	120/240	240
BAF2 1-pole	15	BA115AF	10	—	—
	20	BA120AF	10	—	—
BAF2H 1-pole	15	BA115AFH	22	—	—
	20	BA120AFH	22	—	—
HBAF2 1-pole	15	BA115AFHH	65	—	—
	20	BA120AFHH	65	—	—

### GFCI Personnel Protection (5MA)

Breaker Type	Ampere Rating	Catalogue Number	Interrupting Ratings (kA) RMS Symmetrical Amperes		
			Volts AC		
			120	120/240	240
BLF 1-Pole	15	BF115	10	—	—
	20	BF120	10	—	—
	25	BF125	10	—	—
	30	BF130	10	—	—
BLF 2-Pole	15	BF215	—	10	—
	20	BF220	—	10	—
	30	BF230	—	10	—
	40	BF240	—	10	—
	50	BF250	—	10	—
	60	BF260	—	10	—
BLHF 1-Pole	15	BF115H	22	—	—
	20	BF120H	22	—	—
	30	BF130H	22	—	—
BLHF 2-Pole	15	BF215H	—	22	—
	20	BF220H	—	22	—
	30	BF230H	—	22	—
	40	BF240H	—	22	—
	50	BF250H	—	22	—
	60	BF260H	—	22	—
HBFGA2 1-pole	15	BA115DFHH	65	—	—
	20	BA120DFHH	65	—	—

### Branch Breakers Selection for P1

#### Selection Guide

1. Select breaker type.
2. Select required amperage.
3. Select number of poles.
4. Select branch breaker catalogue numbers.
5. Select ground bar and filler plates. (See replacement parts & accessories on Page 15.)



300A Main installed.

These Next Gen P1 kits can now be used as top or bottom feed.

### AFCI-Combination Type Arc Fault Circuit Interrupter

Breaker Type	Ampere Rating	Catalogue Number	Interrupting Ratings (kA) RMS Symmetrical Amperes		
			Volts AC		
			120	120/240	240
BAF2 1-pole	15	B115AFC	10	—	—
	20	B120AFC	10	—	—
BAFH2 1-pole	15	B115AFCH	22	—	—
	20	B120AFCH	22	—	—
HBAF2 1-pole	15	BA115AFCHH	65	—	—
	20	BA120AFCHH	65	—	—
BAF 2-pole	15	B215AFC	10	—	—
	20	B220AFC	10	—	—
BAFH 2-pole	15	B215AFCH	22	—	—
	20	B220AFCH	22	—	—

### Dual Function AFCI/GFCI Circuit Breaker

Breaker Type	Ampere Rating	Catalogue Number	Interrupting Ratings (kA) RMS Symmetrical Amperes		
			Volts AC		
			120	120/240	240
BFGA2 1-pole	15	BA115DF	10	—	—
	20	BA120DF	10	—	—
BFGAH2 1-pole	15	BA115DFH	22	—	—
	20	BA120DFH	22	—	—
HBFGA2 1-pole	15	BA115DFHH	65	—	—
	20	BA120DFHH	65	—	—

### Switching Neutrals

Breaker Type	Ampere Rating	Catalogue Number	Maximum Interrupting Rating (kA)		
			120V AC	120/240V AC	240V AC
BG 2-Wire Common Trip	15	BG215*	10	—	—
	20	BG220*	10	—	—
	30	BG230*	10	—	—
BG 3-Wire Common Trip	15	BG315*	—	10	—
	20	BG320*	—	10	—
	30	BG330*	—	10	—

\* Built to order.

Product Category Into Stock