

## Branch Breakers Selection for P1

### Selection Guide

1. Select breaker type.
2. Select required amperage.
3. Select number of poles.
4. Select branch breaker catalog numbers.
5. Select ground bar and filler plates.  
(See replacement parts & accessories on Page 11-11.)

### BL Branch Breakers – 10,000A IR<sup>①</sup>

| Amp Rating | 1-Pole 120/240V | 2-Pole 120/240V | 2-Pole 240V | 3-Pole 240V |
|------------|-----------------|-----------------|-------------|-------------|
| 15         | B115            | B215            | B215R       | B315        |
| 20         | B120            | B220            | B220R       | B320        |
| 25         | B125            | B225            | B225R       | B325        |
| 30         | B130            | B230            | B230R       | B330        |
| 35         | B135            | B235            | B235R       | B335        |
| 40         | B140            | B240            | B240R       | B340        |
| 45         | B145            | B245            | B245R       | B345        |
| 50         | B150            | B250            | B250R       | B350        |
| 55         | B155            | —               | —           | —           |
| 60         | B160            | B260            | —           | B360        |
| 70         | B170            | B270            | —           | B370        |
| 80         | —               | B280            | —           | B380        |
| 90         | —               | B290            | —           | B390        |
| 100        | —               | B2100           | —           | B3100       |

### BLH Branch Breakers – 22,000A IR<sup>①</sup>

| Amp Rating | 1-Pole 120/240V | 2-Pole 120/240V | 3-Pole 240V |
|------------|-----------------|-----------------|-------------|
| 15         | B115H           | B215H           | B315H       |
| 20         | B120H           | B220H           | B320H       |
| 25         | B125H           | B225H           | B325H       |
| 30         | B130H           | B230H           | B330H       |
| 35         | B135H           | B235H           | B335H       |
| 40         | B140H           | B240H           | B340H       |
| 45         | B145H           | B245H           | B345H       |
| 50         | B150H           | B250H           | B350H       |
| 55         | B155H           | —               | —           |
| 60         | B160H           | B260H           | B360H       |
| 70         | B170H           | B270H           | B370H       |
| 80         | —               | B280H           | B380H       |
| 90         | —               | B290H           | B390H       |
| 100        | —               | B2100H          | B3100H      |

### HBL Branch Breakers – 65,000A IR<sup>①</sup>

| Amp Rating | 1-Pole 120/240V | 2-Pole 120/240V | 3-Pole 240V |
|------------|-----------------|-----------------|-------------|
| 15         | B115HH          | B215HH          | B315HH      |
| 20         | B120HH          | B220HH          | B320HH      |
| 30         | B130HH          | B230HH          | B330HH      |
| 40         | B140HH          | B240HH          | B340HH      |
| 50         | B150HH          | B250HH          | B350HH      |
| 60         | —               | B260HH          | B360HH      |
| 70         | —               | B270HH          | B370HH      |
| 80         | —               | B280HH          | B380HH      |
| 90         | —               | B290HH          | B390HH      |
| 100        | —               | B2100HH         | B3100HH     |

### BQD Branch Breakers – 14,000A IR Max. @ 480/277 Vac / 65,000A IR max. @ 240 Vac<sup>②</sup>

| Amp Rating | 1-Pole 277V | 2-Pole 480Y/277V | 3-Pole 480Y/277V |
|------------|-------------|------------------|------------------|
| 15         | BQD115      | BQD215           | BQD315           |
| 20         | BQD120      | BQD220           | BQD320           |
| 25         | BQD125      | BQD225           | BQD325           |
| 30         | BQD130      | BQD230           | BQD330           |
| 35         | BQD135      | BQD235           | BQD335           |
| 40         | BQD140      | BQD240           | BQD340           |
| 45         | BQD145      | BQD245           | BQD345           |
| 50         | BQD150      | BQD250           | BQD350           |
| 55         | BQD155      | BQD255           | BQD355           |
| 60         | BQD160      | BQD260           | BQD360           |
| 70         | BQD170      | BQD270           | BQD370           |
| 80         | BQD180      | BQD280           | BQD380           |
| 90         | BQD190      | BQD290           | BQD390           |
| 100        | BQD1100     | BQD2100          | BQD3100          |

### GFCI Personnel Protection (5MA)

| Breaker Type    | Ampere Rating | Catalog Number | Interrupting Ratings (kA) RMS Symmetrical Amperes |    |   |
|-----------------|---------------|----------------|---------------------------------------------------|----|---|
|                 |               |                | Volts AC                                          |    |   |
| BLF2<br>1-Pole  | 15            | BF115A         | 10                                                | —  | — |
|                 | 20            | BF120A         | 10                                                | —  | — |
|                 | 30            | BF130A         | 10                                                | —  | — |
| BLFB<br>2-Pole  | 15            | BF215A         | —                                                 | 10 | — |
|                 | 20            | BF220A         | —                                                 | 10 | — |
|                 | 30            | BF230A         | —                                                 | 10 | — |
|                 | 40            | BF240A         | —                                                 | 10 | — |
|                 | 50            | BF250A         | —                                                 | 10 | — |
| BLHF2<br>1-Pole | 15            | BF115AH        | 22                                                | —  | — |
|                 | 20            | BF120AH        | 22                                                | —  | — |
|                 | 30            | BF130AH        | 22                                                | —  | — |
| BLHFB<br>2-Pole | 15            | BF215AH■       | —                                                 | 22 | — |
|                 | 20            | BF220AH        | —                                                 | 22 | — |
|                 | 30            | BF230AH        | —                                                 | 22 | — |
|                 | 40            | BF240AH■       | —                                                 | 22 | — |
|                 | 50            | BF250AH■       | —                                                 | 22 | — |
|                 | 60            | BF260AH        | —                                                 | 22 | — |
| HBLF2<br>1-Pole | 15            | BF115AHH       | 65                                                | —  | — |
|                 | 20            | BF120AHH       | 65                                                | —  | — |
|                 | 30            | BF130AHH       | 65                                                | —  | — |

### GB Family Branch Breakers

NGB – 25,000 A IR Max. @ 480/277V AC / 100,000 A IR @ 240V AC

HGB – 35,000 A IR Max. @ 480/277V AC / 100,000 A IR @ 240V AC

LGB – 65,000 A IR Max. @ 480/277V AC / 100,000 A IR @ 240V AC

| Amp Rating | 1-pole 277V | 2-pole 480Y/277V | 3-pole 480Y/277V |
|------------|-------------|------------------|------------------|
| 15         | xGB1B015B   | xGB2B015B        | xGB3B015B        |
| 20         | xGB1B020B   | xGB2B020B        | xGB3B020B        |
| 25         | xGB1B025B   | xGB2B025B        | xGB3B025B        |
| 30         | xGB1B030B   | xGB2B030B        | xGB3B030B        |
| 35         | xGB1B035B   | xGB2B035B        | xGB3B035B        |
| 40         | xGB1B040B   | xGB2B040B        | xGB3B040B        |
| 45         | xGB1B045B   | xGB2B045B        | xGB3B045B        |
| 50         | xGB1B050B   | xGB2B050B        | xGB3B050B        |
| 60         | xGB1B060B   | xGB2B060B        | xGB3B060B        |
| 70         | xGB1B070B   | xGB2B070B        | xGB3B070B        |
| 80         | xGB1B080B   | xGB2B080B        | xGB3B080B        |
| 90         | xGB1B090B   | xGB2B090B        | xGB3B090B        |
| 100        | xGB1B100B   | xGB2B100B        | xGB3B100B        |
| 110        | xGB1B110B   | xGB2B110B        | xGB3B110B        |
| 125        | xGB1B125B   | xGB2B125B        | xGB3B125B        |

Replace x with N, H or L depending on desired type of breaker

NOTE: 2-pole and 3-pole xGB Frame Breakers are also rated at 14,000 A IR max. for 600Y/347V AC systems. UPB interiors are only rated to 480V max. - see factory assembled section for proper interiors.

■ Built to order. Allow 8-10 weeks for delivery.

① To add shunt trip to BL breakers, see Speedfax for Breaker Accessories.

② To add shunt trip to BQD breakers, see Speedfax for Breaker Accessories.