

## The PowerPact Advantage

- **Proven Performance:** Industry-leading circuit breaker innovation and protection for heavy-duty commercial and industrial applications.
- **Smart:** Integrated metering options provide a cost-effective solution to reduce energy consumption, optimize energy costs, and improve energy availability for your facilities.
- **Flexible:** Full range of thermal-magnetic and electronic trip molded case circuit breakers from 15 to 3000 A, delivering the ratings, configurations, and operators for your unique applications.
- **Simple:** Common catalog numbers, standardized ratings, and a full range of field-installable accessories make product selection, installation and maintenance easier than ever.
- **Common Design Features:** Mounting holes, door trim, and handle accessories

| B-Frame<br>125 A                                                                  | H-Frame<br>150 A                                                                  | J-Frame<br>250 A                                                                  | Q-Frame<br>250 A                                                                  | L-Frame<br>600 A                                                                  | M-Frame<br>800 A                                                                  | P-Frame<br>1200 A                                                                  | R-Frame<br>3000 A                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |
|                                                                                   | Electronic Trip Version                                                           | Electronic Trip Version                                                           |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |

Table 7.46: PowerPact Interrupting Ratings

| Voltage | Interrupting Rating |       |       |        |           |           |        |
|---------|---------------------|-------|-------|--------|-----------|-----------|--------|
|         | B                   | D     | G     | J      | K         | L         | R      |
| 240 Vac | 10 kA               | 25 kA | 65 kA | 100 kA | 65 kA [1] | 125 kA    | 200 kA |
| 480 Vac | —                   | 18 kA | 35 kA | 65 kA  | 65 kA [2] | 100 kA    | 200 kA |
| 600 Vac | —                   | 14 kA | 18 kA | 25 kA  | 65 kA [2] | 50 kA [3] | 100 kA |

Table 7.47: Common Catalog Numbering System

| Frame | Rating | Termination | Poles                                        | Voltage            | Amperage[4] | Suffix Code            | Suffix Code        |
|-------|--------|-------------|----------------------------------------------|--------------------|-------------|------------------------|--------------------|
| H     | G      | L           | 3                                            | 6                  | 1 5 0       | A                      | S                  |
|       |        |             | 1=1 Pole<br>2=2 Pole<br>3=3 Pole<br>4=4 Pole | 4=480 V<br>6=600 V |             | 2A/2B Auxiliary Switch | 110 Vac Shunt Trip |

  

| Frame Designation |              | Interrupting Rating |         |         |         | Terminations |                      |
|-------------------|--------------|---------------------|---------|---------|---------|--------------|----------------------|
| B                 | 125 A Frame  |                     | 240 Vac | 480 Vac | 600 Vac | A            | I-Line               |
| H                 | 150 A Frame  | B                   | 10 kA   | —       | —       | L            | Lugs on Both Ends    |
| J                 | 250 A Frame  | D                   | 25 kA   | 18 kA   | 14 kA   | F            | Bus Bar (No Lugs)    |
| Q                 | 250 A Frame  | G                   | 65 kA   | 35 kA   | 18 kA   | M            | Lugs Line Side Only  |
| L                 | 600 A Frame  | J                   | 100 kA  | 65 kA   | 25 kA   | P            | Lugs Load End Only   |
| M                 | 800 A Frame  | K                   | 100 kA  | 65 kA   | 65 kA   | N            | Plug-in              |
| P                 | 1200 A Frame | L                   | 125 kA  | 100 kA  | 50 kA   | D            | Drawout              |
| R                 | 3000 A Frame | R                   | 200 kA  | 200 kA  | 100 kA  | S            | Rear Connected Studs |

### For more information:

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[1] B-frame K interrupting rating is 100 kA at 240 Vac

[2] P-frame K interrupting is 50 kA at 480 and 600 Vac.

[3] P-frame L interrupting is 25 kA at 600 Vac.

[4] For amperage of M-, P- or R-frame circuit breakers, add a zero to the three amperage digits; for example, 120 = 1200 A.