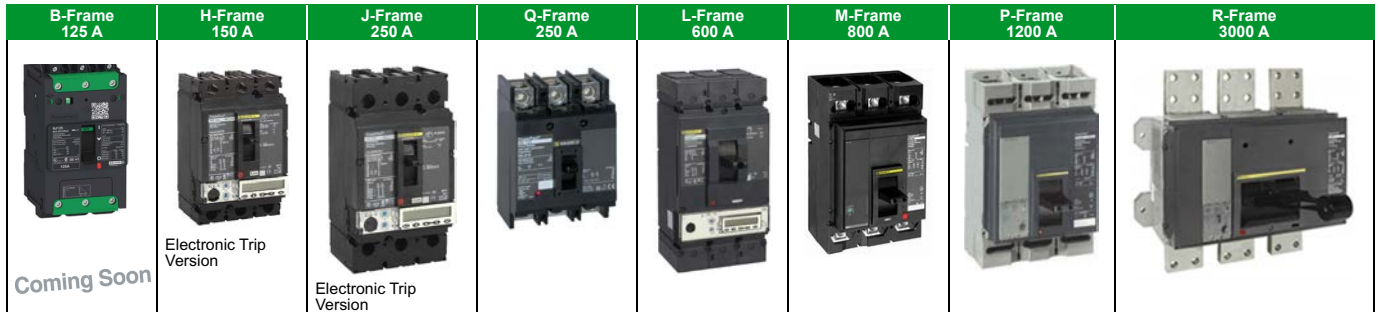


**The PowerPact Advantage**

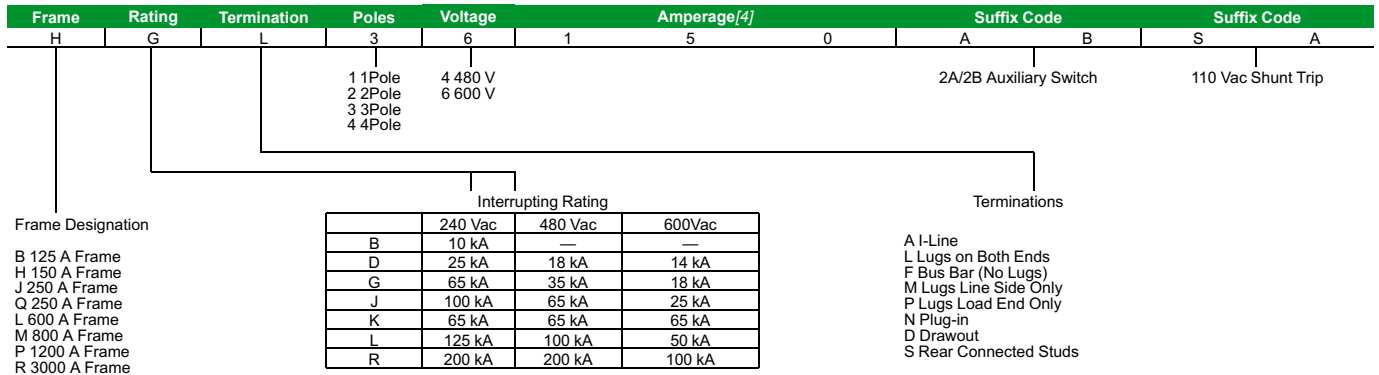
- **Proven Performance:** Industry-leading circuit breaker innovation and protection for heavy-duty commercial and industrial applications.
- **Smart:** Integrated metering options provide a cost-effective solution to reduce energy consumption, optimize energy costs, and improve energy availability for your facilities.
- **Flexible:** Full range of thermal-magnetic and electronic trip molded case circuit breakers from 15 A 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



**Table 7.47: 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 7.48: Common Catalog Numbering System**



**Description**

- B-Frame Circuit Breakers, page 7-30
- H- and J-Frame Circuit Breakers, page 7-31
- Q-Frame Circuit Breakers, page 7-35
- L-Frame Circuit Breakers, page 7-36
- P-Frame Circuit Breakers, page 7-38
- R-Frame Circuit Breakers, page 7-39
- PowerPact™ H- and J-Frame Electronic Motor Circuit Protectors, page 7-41
- Motor Circuit Protectors and Motor Protector Circuit Breakers, page 7-44
- Automatic Switches, page 7-48
- 500 Vdc Circuit Breakers, page 7-49
- Mission Critical Circuit Breakers, page 7-57
- PowerPact™ Circuit Breaker Accessories, page 7-59
- Motor Operators and Rotary Handles, page 7-60
- Locks, Installation Accessories, and Rear Connections, page 7-62
- Mechanical Lugs, page 7-62
- Compression Lugs and Power Distribution Connectors (PDC), page 7-65
- Terminal Nuts, Terminal Pads, Terminal Shields and Accessories, page 7-67
- Plug-In and Drawout Mountings, page 7-68
- Micrologic™ Electronic Trip Units, page 7-69
- Micrologic™ Trip Unit Accessories, page 7-73

[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.

**Power Distribution Connectors**

**Table 7.138: Power Distribution Connectors for H-Frame, J-Frame and L-Frame Circuit Breakers [27]**

Use with Circuit Breaker Type	Ampere Rating	(Wires Per Terminal) Wire Range	Dimension A (in.)	Cat. No.	Qty. Per Kit
BD, BG, BJ	125 A	(3) 14 - 2 AWG	1.2	PDC3BD2	3
	125 A	(6) 14 - 6 AWG	1	PDC6BD6	3
HD, HG, HJ, HL [28]	15-150 A	(6) 14-6 AWG Cu	1.0	PDC6HD6	3
	15-150 A	(3) 14-2 AWG Cu	1.2	PDC3HD2	3
JD, JG, JJ, JL [28]	150-250 A	(6) 14-4 AWG Cu	1.0	PDC6JD4	3
	150-250 A	(2) 14-1 AWG and (1) 3-2/0 AWG Cu	1.5	PDC3JD20	3
LD, LG, LJ, LL [29]	150-600 A	(3) 14-1 AWG and (2) 3-2/0 AWG	1.28	PDC5DG20L3	3
	150-600 A	(12) 14-4 AWG	1.31	PDC12DG4L3	3



PDC6HD6



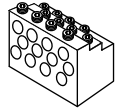
PDC3HD2



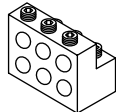
PDC6JD4



PDC3JD20

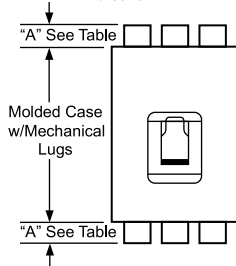


PDC12P4



PDC6P20

Crimp lugs or PDC connectors extension "A" past end of circuit breaker



**Table 7.139: Power Distribution Connectors for M-Frame and P-Frame Circuit Breakers [27]**

	Ampere Rating	(Wires Per Terminal) Wire Range	Cat. No.	Qty Per Kit
Use for multiple load connections on one circuit breaker in place of standard distribution block to save space and time. • Use on load end of circuit breaker only. • Use in UL508 Industrial Control applications only. • Use in UL1995/CSA C22.2 No. 236 heating and cooling equipment. • For Cu wire only.	250-1200 A	(6) 12-2/0 AWG Cu	PDC6P20	3
		(6) 12-2/0 AWG Cu	PDC6P204	4
	250-1200 A	(12) 10-4 AWG Cu	PDC12P4	3
			PDC12P44	4

[27] Not for use with I-Line™ circuit breakers.

[28] Special Purpose—Not for General Use. Use on ON end of the circuit breaker only when ON end is used as Load end. Use on OFF end of the circuit breaker only when OFF end is used as Load end.

[29] Kit includes long terminal shield and cover, which adds 1.65 inches to standard lug with short terminal shield.