

**The PowerPact Advantage**

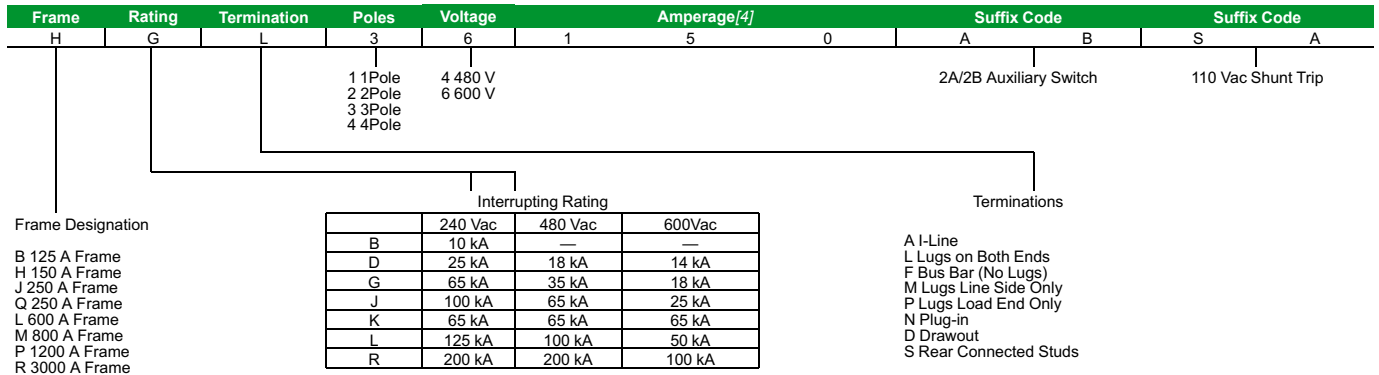
- **Proven Performance:** Industry-leading circuit breaker innovation and protection for heavy-duty commercial and industrial applications.
- **Smart:** Integrated metering options provide a cost-effective solution to reduce energy consumption, optimize energy costs, and improve energy availability for 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
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- Motor Circuit Protectors and Motor Protector Circuit Breakers, page 7-44
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- Locks, Installation Accessories, and Rear Connections, page 7-62
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- 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.

Table 7.71: P-Frame Interrupting Ratings

Voltage	P-Frame Interrupting Rating			
	G	J	K	L
240 Vac	65 kA	100 kA	65 kA	125 kA
480 Vac	35 kA	65 kA	50 kA	100 kA
600 Vac	18 kA	25 kA	50 kA	25 kA

Table 7.72: P-Frame Termination Options

Termination Letter
F = No Lugs (Includes terminal nut kit on both ends)
L = Lugs both ends
M = Lugs ON end, terminal nut kit OFF end
P = Lugs OFF end, terminal nut kit ON end
D = Drawout
A = I-Line (See Section 9)
P G L 3 6 0 4 0 U 4 1 A
For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number.

Dimensions see page 7-80  
Trip Unit Options see page 7-71  
Optional Lugs see page 7-64  
Alternate Rating Plugs see page 7-73  
Enclosures see page 7-81  
Accessories see page 7-59

PowerPact P-Frame Molded Case Circuit Breakers  
Table 7.73: P-Frame 1200 A (600 Vac, 50/60 Hz) 3P [32] Circuit Breaker with Electronic Trip Unit

Type	Function	Trip Unit	Electronic Trip Unit		Terminal Wire Range			
			Sensor Rating	Cat. No. [33]				
Basic Electronic Trip Unit (Not Interchangeable)	Fixed long-time, Adjustable Instantaneous	E-T1.01	600 A	P■L36060	(3) 3/0 AWG-500 kcmil Al or Cu			
			800 A	P■L36080				
			1000 A	P■L36100				
			1200 A	P■L36120				
Micrologic Interchangeable Standard Trip Unit	LI	3.0	250 A	P■L36025(C)U31A	(3) 3/0 AWG-500 kcmil Al or Cu			
			400 A	P■L36040(C)U31A				
			600 A	P■L36060(C)U31A				
			800 A	P■L36080(C)U31A				
	LSI	5.0	1000 A	P■L36100(C)U31A	(4) 3/0 AWG-500 kcmil Al or Cu			
			1200 A	P■L36120(C)U31A				
			250 A	P■L36025(C)U33A		(3) 3/0 AWG-500 kcmil Al or Cu		
			400 A	P■L36040(C)U33A				
			600 A	P■L36060(C)U33A				
			800 A	P■L36080(C)U33A				
			LSIG	6.0A		1000 A	P■L36100(C)U33A	(4) 3/0 AWG-500 kcmil Al or Cu
						1200 A	P■L36120(C)U33A	
250 A	P■L36025(C)U41A	(3) 3/0 AWG-500 kcmil Al or Cu						
400 A	P■L36040(C)U41A							
600 A	P■L36060(C)U41A							
800 A	P■L36080(C)U41A							
Micrologic Interchangeable Ammeter Trip Unit	LSI	5.0A	1000 A	P■L36100(C)U41A	(4) 3/0 AWG-500 kcmil Al or Cu			
			1200 A	P■L36120(C)U41A				
			250 A	P■L36025(C)U43A		(3) 3/0 AWG-500 kcmil Al or Cu		
			400 A	P■L36040(C)U43A				
	600 A	P■L36060(C)U43A						
	800 A	P■L36080(C)U43A						
	LSIG	6.0A	1000 A	P■L36100(C)U43A	(4) 3/0 AWG-500 kcmil Al or Cu			
			1200 A	P■L36120(C)U43A				
			250 A	P■L36025(C)U44A		(3) 3/0 AWG-500 kcmil Al or Cu		
			400 A	P■L36040(C)U44A				
	600 A	P■L36060(C)U44A						
	800 A	P■L36080(C)U44A						
Micrologic Interchangeable Power Trip Unit	LSI	5.0P	1000 A	P■L36100(C)U44A	(4) 3/0 AWG-500 kcmil Al or Cu			
			1200 A	P■L36120(C)U44A				
			250 A	P■L36025(C)U63AE1		(3) 3/0 AWG-500 kcmil Al or Cu		
			400 A	P■L36040(C)U63AE1				
	600 A	P■L36060(C)U63AE1						
	800 A	P■L36080(C)U63AE1						
	LSIG	6.0P	1000 A	P■L36100(C)U63AE1	(4) 3/0 AWG-500 kcmil Al or Cu			
			1200 A	P■L36120(C)U63AE1				
			250 A	P■L36025(C)U64AE1		(3) 3/0 AWG-500 kcmil Al or Cu		
			400 A	P■L36040(C)U64AE1				
			600 A	P■L36060(C)U64AE1				
			800 A	P■L36080(C)U64AE1				
LSIG			6.0H	1000 A		P■L36100(C)U64AE1	(4) 3/0 AWG-500 kcmil Al or Cu	
				1200 A		P■L36120(C)U64AE1		
	250 A	P■L36025(C)U73AE1		(3) 3/0 AWG-500 kcmil Al or Cu				
	400 A	P■L36040(C)U73AE1						
600 A	P■L36060(C)U73AE1							
800 A	P■L36080(C)U73AE1							
Micrologic Interchangeable Harmonic Trip Unit	LSI	5.0H	1000 A	P■L36100(C)U73AE1	(4) 3/0 AWG-500 kcmil Al or Cu			
			1200 A	P■L36120(C)U73AE1				
			250 A	P■L36025(C)U74AE1		(3) 3/0 AWG-500 kcmil Al or Cu		
			400 A	P■L36040(C)U74AE1				
	600 A	P■L36060(C)U74AE1						
	800 A	P■L36080(C)U74AE1						
	LSIG	6.0H	1000 A	P■L36100(C)U74AE1	(4) 3/0 AWG-500 kcmil Al or Cu			
			1200 A	P■L36120(C)U74AE1				

[32] For 2P and 4P information see Catalog 0612CT0101.

[33] To complete the catalog number:

Replace the ■ with the appropriate interrupting rating (G, J, K or L).

For all L interrupting ratings, change the 5th character (voltage rating) from a 6 (600 V) to a 4 (480V). The 480 V AIR is standard 100 kA.

For 100% rated circuit breakers, add a "C" in the 9th character place. For example, the catalog number for a 100% rated trip unit with LI trip functions at 250 A would be PBL36025CU31A.