

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 125 A	H-Frame 150 A	J-Frame 250 A	Q-Frame 250 A	L-Frame 600 A	M-Frame 800 A	P-Frame 1200 A	R-Frame 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	B	S	A
			1=1 Pole 2=2 Pole 3=3 Pole 4=4 Pole	4=480 V 6=600 V				2A/2B Auxiliary Switch		110 Vac Shunt Trip	

Frame Designation

B	125 A Frame
H	150 A Frame
J	250 A Frame
Q	250 A Frame
L	600 A Frame
M	800 A Frame
P	1200 A Frame
R	3000 A Frame

Interrupting Rating

	240 Vac	480 Vac	600Vac
B	10 kA	—	—
D	25 kA	18 kA	14 kA
G	65 kA	35 kA	18 kA
J	100 kA	65 kA	25 kA
K	100 kA	65 kA	65 kA
L	125 kA	100 kA	50 kA
R	200 kA	200 kA	100 kA

Terminations

A	I-Line
L	Lugs on Both Ends
F	Bus Bar (No Lugs)
M	Lugs Line Side Only
P	Lugs Load End Only
N	Plug-in
D	Drawout
S	Rear Connected Studs

For more information:

B-Frame Circuit Breakers, page 7-32
 H- and J-Frame Circuit Breakers, page 7-33
 Q-Frame Circuit Breakers, page 7-36
 L-Frame Circuit Breakers, page 7-38
 P-Frame Circuit Breakers, page 7-41
 R-Frame Circuit Breakers, page 7-42
 H, J, and L-Frame Motor Protectors, page 7-50
 Motor Circuit Protectors and Motor Protector Circuit Breakers, page 7-50
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 Electrical Accessories for Circuit Breakers, page 7-51
 Motor Operators, page 7-52 and Rotary Handles, page 7-53
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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.

HD/HG/HJ/HL/HR
2- and 3-pole Circuit BreakerJD/JG/JJ/JL/JR
2- and 3-pole
Thermal-Magnetic Trip Unit

Table 9.128: Interrupting Ratings Codes (kA)

Voltage	D	G	J	L	R
240 V	25	65	100	125	200
480Y/277	18	35	65	100	200
480 V	18	35	65	100	200
600Y/347	14	18	25	50	100
600 V	14	18	25	50	100

H- and J-frame for I-Line™ Panelboards and Switchboards

Table 9.127: H-frame 150 A Thermal-Magnetic UL Current-Limiting^[43] Circuit Breakers (600 Vac, 250 Vdc) With Factory Sealed Trip Unit^[44] Suitable for Reverse Connection^[44]
(PowerPacT HD and HG 2-pole circuit breakers utilize 3" of I-Line mounting space, HJ and HL 2-pole circuit breakers utilize 4.5" of I-Line mounting space, all 3-pole H and J-frame circuit breakers utilize 4.5" of I-Line mounting space.)

Current Rating @ 40° C	Fixed AC Magnetic Trip		Cat. No. [45]	Terminal Wire Range
	Hold	Trip		
H-frame, 150A 2P, 600 Vac 50/60 Hz, 250 Vdc[46]				
15 A	350 A	750 A	H()A26015()	AL 150HD 14–3/0 AWG Al or Cu
20 A	350 A	750 A	H()A26020()	
25 A	350 A	750 A	H()A26025()	
30 A	350 A	750 A	H()A26030()	
35 A	400 A	850 A	H()A26035()	
40 A	400 A	850 A	H()A26040()	
45 A	400 A	850 A	H()A26045()	
50 A	400 A	850 A	H()A26050()	
60 A	800 A	1450 A	H()A26060()	
70 A	800 A	1450 A	H()A26070()	
80 A	800 A	1450 A	H()A26080()	
90 A	800 A	1450 A	H()A26090()	
100 A	800 A	1700 A	H()A26100()	
110 A	900 A	1700 A	H()A26110()	
125 A	900 A	1700 A	H()A26125()	
150 A	900 A	1700 A	H()A26150()	
H-frame 150A 3P, 600 Vac 50/60 Hz, 250 Vdc				
15 A	350 A	750 A	H()A36015	AL 150HD 14–3/0 AWG Al or Cu
20 A	350 A	750 A	H()A36020	
25 A	350 A	750 A	H()A36025	
30 A	350 A	750 A	H()A36030	
35 A	400 A	850 A	H()A36035	
40 A	400 A	850 A	H()A36040	
45 A	400 A	850 A	H()A36045	
50 A	400 A	850 A	H()A36050	
60 A	800 A	1450 A	H()A36060	
70 A	800 A	1450 A	H()A36070	
80 A	800 A	1450 A	H()A36080	
90 A	800 A	1450 A	H()A36090	
100 A	800 A	1700 A	H()A36100	
110 A	900 A	1700 A	H()A36110	
125 A	900 A	1700 A	H()A36125	
150 A	900 A	1700 A	H()A36150	

Table 9.129: J-frame 250 A Thermal-Magnetic UL Current-Limiting^[47] Circuit Breakers (600 Vac, 250 Vdc) With Factory Sealed Trip Unit^[44] Suitable for Reverse Connection^[44]
(All PowerPacT J-frame circuit breakers, both 2- and 3-pole, utilize 4.5" of I-Line mounting space.)

Current Rating @ 40°C	Adjustable AC Magnetic Trip		Cat. No. [45]	Terminal Wire Range
	Low	High		
J-frame 250A 2P, 600 Vac 50/60 Hz, 250 Vdc[48]				
150 A	750 A	1500 A	J()A26150()	AL175JD 4–4/0 AWG Al or Cu
175 A	875 A	1750 A	J()A26175()	
200 A	1000 A	2000 A	J()A26200()	AL250JD 3/0 AWG–350 kcmil Al or Cu
225 A	1125 A	2250 A	J()A26225()	
250 A	1250 A	2500 A	J()A26250()	
J-frame 250A 3P, 600 Vac 50/60 Hz, 250 Vdc				
150 A	750 A	1500 A	J()A36150	AL175JD 4–4/0 AWG Al or Cu
175 A	875 A	1750 A	J()A36175	
200 A	1000 A	2000 A	J()A36200	AL250JD 3/0 AWG–350 kcmil Al or Cu
225 A	1125 A	2250 A	J()A36225	
250 A	1250 A	2500 A	J()A36250	

^[43] Circuit breakers with J and L interrupting ratings are UL certified as current limiting.

^[44] See Supplemental Digest Section 3 for circuit breakers with field-interchangeable trip units.

^[45] To complete catalog number, replace the blank with the appropriate interrupting rating (D, G, J, L).

^[46] 2 pole circuit breaker catalog numbers are completed by adding the required phase connection number as a suffix see Table 9.136 H/J/L-Frame Circuit Breaker/Switch Phase Options—Example HDA26150(), page 9-60.

^[47] Circuit breakers with J, L, and R interrupting ratings are UL certified as current limiting.

^[48] 2 pole circuit breaker catalog numbers are completed by adding the required phase connection number as a suffix see Table 9.136 H/J/L-Frame Circuit Breaker/Switch Phase Options—Example HDA26150(), page 9-60