

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

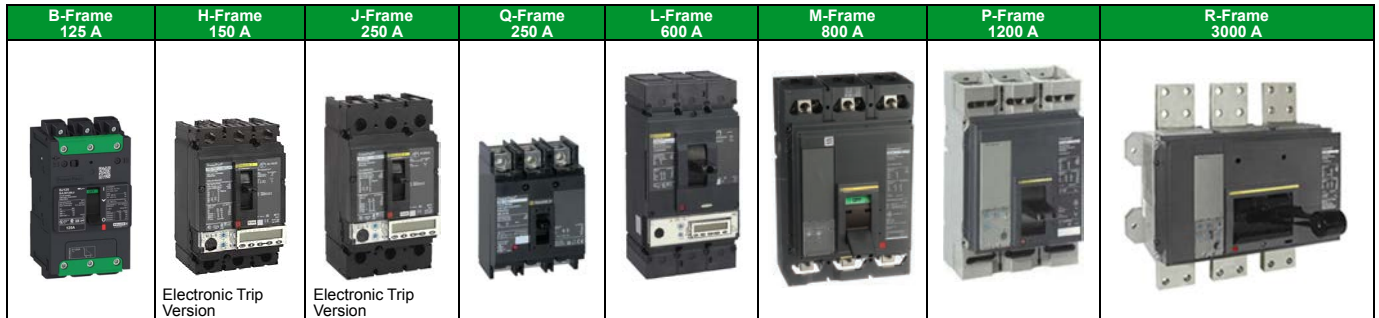


Table 7.47: PowerPacT Interrupting Ratings

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

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

Frame Designation		Interrupting Rating			Terminations	
B	125 A Frame	240 Vac	480 Vac	600Vac	A	I-Line
H	150 A Frame	B	10 kA	—	L	Lugs on Both Ends
J	250 A Frame	D	25 kA	18 kA	F	Bus Bar (No Lugs)
Q	250 A Frame	G	65 kA	35 kA	M	Lugs Line Side Only
L	600 A Frame	J	100 kA	65 kA	P	Lugs Load End Only
M	800 A Frame	K	100 kA	65 kA	N	Plug-in
P	1200 A Frame	L	125 kA	100 kA	D	Drawout
R	3000 A Frame	R	200 kA	200 kA	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
- Automatic Switches, page 7-46
- 500 Vdc Circuit Breakers, page 7-45
- Mission Critical Circuit Breakers, page 7-44
- Electrical Accessories for Circuit Breakers, page 7-51
- Motor Operators, page 7-52 and Rotary Handles, page 7-53
- Locks, Installation Accessories, and Rear Connectors, page 7-54
- Mechanical Lugs, page 7-56
- Compression Lugs, page 7-57 and Power Distribution Connectors, page 7-58
- Terminal Nuts, Terminal Pads, Terminal Shields, and Accessories, page 7-59
- Plug-In and Drawout Mountings, page 7-60
- MicroLogic Electronic Trip Units, page 7-61
- Trip Unit Accessories, page 7-64

[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.



HDA36250U33X
2- and 3-pole
MicroLogic Electronic Trip Unit



JDA36250U44X
2- and 3-pole
MicroLogic Electronic Trip Unit

Table 9.130: H-frame 150 A and J-frame 250 A MicroLogic Electronic Trip UL Current-Limiting^[49]Circuit Breakers (600 Vac) With Factory Sealed Trip Unit^[50] Suitable for Reverse Connection ^[51] (PowerPacT Electronic Trip H- and J-frame circuit breakers utilize 4.5" of I-Line mounting space.)

Electronic Trip Unit			Sensor Rating	Cat. No. ^[52]	Terminal
Type	Function	Trip Unit			
600 Vac, 50/60 Hz, 3P					
MicroLogic Standard	LI	3.2 ^[53]	60 A	H()A36060U31X	AL150HD ^[54]
			100 A	H()A36100U31X	
			150 A	H()A36150U31X	
			250 A	J()A36250U31X	AL250JD ^[55]
MicroLogic Standard	LSI	3.2S ^[53]	60 A	H()A36060U33X	AL150HD ^[54]
			100 A	H()A36100U33X	
			150 A	H()A36150U33X	
			250 A	J()A36250U33X	AL250JD ^[55]
MicroLogic Ammeter	LSI	5.2A	60 A	H()A36060U43X	AL150HD ^[54]
			100 A	H()A36100U43X	
			150 A	H()A36150U43X	
			250 A	J()A36250U43X	AL250JD ^[55]
MicroLogic Energy	LSI	5.2E	60 A	H()A36060U53X	AL150HD ^[54]
			100 A	H()A36100U53X	
			150 A	H()A36150U53X	
			250 A	J()A36250U53X	AL250JD ^[55]
MicroLogic Ammeter	LSIG	6.2A	60 A	H()A36060U44X	AL150HD ^[54]
			100 A	H()A36100U44X	
			150 A	H()A36150U44X	
			250 A	J()A36250U44X	AL250JD ^[55]
MicroLogic Energy	LSIG	6.2E	60 A	H()A36060U54X	AL150HD ^[54]
			100 A	H()A36100U54X	
			150 A	H()A36150U54X	
			250 A	J()A36250U54X	AL250JD ^[55]

Table 9.131: Interrupting Ratings Codes (kA)

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

[49] Circuit breakers with J, L, and R interrupting ratings are UL certified as current limiting.
 [50] See Supplemental Digest Section 3 for circuit breakers with field-interchangeable trip units.
 [51] For applications requiring communications, see page 9-68.
 [52] To complete catalog number, replace the blank with the appropriate interrupting rating (D, G, J, L).
 [53] 3P circuit breakers with this trip unit can be used for 2P applications.
 [54] AL150HD wire range is 14–3/0 AWG Al or Cu.
 [55] AL250JD wire range is 3/0 AWG–350 kcmil Al or Cu. For smaller wire range (4–4/0 AWG Al or Cu), replace the lug's wire binding screws with the larger binding screws provided.