

PowerPact H-, J-, and L-Frame Circuit Breakers Catalog Numbering

Catalog Numbering

Table 1: Circuit Breaker Catalog Numbers

Segment	Character	Description	—	J	L	L	3	6	250	W	T	—	—	—	—	
Brand	—	Square D														
	N	Schneider Electric														
Frame	H	H-Frame														
	J	J-Frame														
	L	L-Frame														
Performance Level (kA)		See Table 2														
Terminations	L	Lugs Line/Load Side														
	M	Lugs Line Side														
	P	Lugs Load Side														
	F	Bus Bar														
	A	A-Line														
	S	Rear Connected														
	N	Plug-in														
	D	Drawout														
	K	Reverse I-Line														
Poles	2	Two Pole														
	3	Three Pole														
	4	Four Pole														
Voltage	6	600 V														
	4	480 V														
Amperage	060	60 A														
	100	100 A														
	150	150 A														
	250	250 A														
	400	400 A														
	600	600 A														
	000	Switch or Frame Only														
Mission Critical	W	(J- and L-frame with D, G, J and L-interrupting ratings)														
Trip Unit	See Table 3															
I-Line Phasing																
Accessory Suffix Code	See Table 4															

Table 2: Interrupting Rating

	UL® / CSA® / NOM®					IEC 647-2 Icu/Ics					
	240 Vac	480 Vac	600 Vac	250 Vdc ¹	500 Vdc ²	220/240 Vac	380/440/415 Vac	500/525 Vac	690 Vac	250 Vdc ¹	500 Vdc ³
D	25 kA	18 kA	14 kA	20 kA	—	25/25 kA	18/18 kA	14/14 kA	—	20 kA	20 kA
G	65 kA	35 kA	18 kA	20 kA	20 kA	65/65 kA	35/35 kA	18/18 kA	—	20 kA	20 kA
J	100 kA	65 kA	25 kA	20 kA	—	100/100 kA	65/65 kA	25/25 kA	—	20 kA	20 kA
L	125 kA	100 kA	50 kA	20 kA	50 kA	125/125 kA	100/100 kA	50/50 kA	—	20 kA	20 kA
R	200 kA	200 kA	100 kA	—	—	150 kA	125 kA	75 kA	20 kA	—	—

¹ 250 Vdc ratings only available with PowerPact H or J circuit breakers with thermal-magnetic trip units (not including MCP).

² UL 500 Vdc ratings only available with PowerPact H-, J-, and L-frame circuit breakers with thermal-magnetic trip units (not including MCP).

³ IEC 500 Vdc rating only available on PowerPact J-frame circuit breakers.

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Table 3: Trip Unit Numbering

Trip Unit Type	Character	Description
Micrologic Trip Units	U31 X	LI Standard Protection
	U33X	LSI Standard Protection
	U43X	LSI plus Ammeter
	U44X	LSIG plus Ammeter
	U53X	LSI plus Energy Management
	U54X	LSIG plus Energy Management
	M37X	Magnetic Only (L-Frame Only)
	M38X	Motor Protector Circuit Breaker
	S40X	400 A Molded Case Switch (L-Frame Automatic Switch)
	S60X	600 A Molded Case Switch (L-Frame Automatic Switch)
	F40	400 A L-Frame Only (No Trip Unit)
	F60	600 A L-Frame Only (No Trip Unit)
Thermal-Magnetic Trip Units	—	Standard Fixed Trip Unit (Suitable for reverse connection)
	F06	60 A H-Frame Only (No trip unit)
	F15	150 A H-Frame Only (No trip unit)
	F25	250 A J-Frame Only (No trip unit)
	T	Complete Circuit Breaker (Frame + removable trip unit)
	S15	150 A Molded Case Switch (H-Frame automatic switch)
	S17	175 A Molded Case Switch (J-Frame automatic switch)
	S25	250 A Molded Case Switch (J-Frame automatic switch)
	C	100% Rated Continuous Current Rating ¹
	M71	30 A H-Frame Motor Circuit Protector (MCP)
	M72	50 A H-Frame Motor Circuit Protector (MCP)
	M73	100 A H-Frame Motor Circuit Protector (MCP)
	M74	150 A H-Frame Motor Circuit Protector (MCP)
	M75	250 A J-Frame Motor Circuit Protector (MCP)
	D81	500 Vdc 150–175 A J-Frame Molded Case Circuit Breaker
	D82	500 Vdc 200–250 A J-Frame Molded Case Circuit Breaker
	D87	500 Vdc 30–70 A H-Frame Molded Case Circuit Breaker
Dxx	500 Vdc 300A–1200A L-Frame Molded Case Circuit Breaker (Refer to Table 9 for details)	
R	100% Rated Continuous Current Rating Complete Circuit Breaker (frame + removable trip unit)	

¹ 100% ratings valid for:
 Three-pole H/J frame unit mount and busbar connection
 Three-pole/four-pole L-frame 250 A and 400 A unit mount
 Three-pole L-frame 250 A and 400 A I-Line