

PowerPact H- and J-Frame Circuit Breakers

Table 3.1: H-Frame 150 A UL Current-Limiting Circuit Breaker Frame with Field-Interchangeable Thermal-Magnetic Trip Units [1]
(600 Vac, 250 Vdc)

Ampere Rating	Fixed AC Magnetic Trip		Cat. No.					Terminal Wire Range
	Hold	Trip	D Interrupting	G Interrupting	J Interrupting [2]	L Interrupting [2]	R Interrupting [2]	
3P, 600 Vac 50/60 Hz								
15 A	350 A	750 A	HDL36015T	HGL36015T	HJL36015T	HLL36015T	HRL36015T	AL150HD 14–3/0 AWG Al or Cu
20 A	350 A	750 A	HDL36020T	HGL36020T	HJL36020T	HLL36020T	HRL36020T	
25 A	350 A	750 A	HDL36025T	HGL36025T	HJL36025T	HLL36025T	HRL36025T	
30 A	350 A	750 A	HDL36030T	HGL36030T	HJL36030T	HLL36030T	HRL36030T	
35 A	400 A	850 A	HDL36035T	HGL36035T	HJL36035T	HLL36035T	HRL36035T	
40 A	400 A	850 A	HDL36040T	HGL36040T	HJL36040T	HLL36040T	HRL36040T	
45 A	400 A	850 A	HDL36045T	HGL36045T	HJL36045T	HLL36045T	HRL36045T	
50 A	400 A	850 A	HDL36050T	HGL36050T	HJL36050T	HLL36050T	HRL36050T	
60 A	800 A	1450 A	HDL36060T	HGL36060T	HJL36060T	HLL36060T	HRL36060T	
70 A	800 A	1450 A	HDL36070T	HGL36070T	HJL36070T	HLL36070T	HRL36070T	
80 A	800 A	1450 A	HDL36080T	HGL36080T	HJL36080T	HLL36080T	HRL36080T	
90 A	800 A	1450 A	HDL36090T	HGL36090T	HJL36090T	HLL36090T	HRL36090T	
100 A	900 A	1700 A	HDL36100T	HGL36100T	HJL36100T	HLL36100T	HRL36100T	
110 A	900 A	1700 A	HDL36110T	HGL36110T	HJL36110T	HLL36110T	HRL36110T	
125 A	900 A	1700 A	HDL36125T	HGL36125T	HJL36125T	HLL36125T	HRL36125T	
150 A	900 A	1700 A	HDL36150T	HGL36150T	HJL36150T	HLL36150T	HRL36150T	

Table 3.2: J-Frame 250 A UL Current-Limiting Circuit Breaker Frame with Field-Interchangeable Thermal-Magnetic Trip Units [1]
(600 Vac, 250 Vdc)

Ampere Rating	Adjustable AC Magnetic Trip		Cat. No.					Terminal Wire Range
	Low	High	D Interrupting	G Interrupting	J Interrupting [2]	L Interrupting [2]	R Interrupting [2]	
3P, 600 Vac 50/60 Hz								
150 A	750 A	1500 A	JDL36150T	JGL36150T	JJL36150T	JLL36150T	JRL36150T	AL175JD 4–4/0 AWG Al or Cu
175 A	875 A	1750 A	JDL36175T	JGL36175T	JJL36175T	JLL36175T	JRL36175T	
200 A	1000 A	2000 A	JDL36200T	JGL36200T	JJL36200T	JLL36200T	JRL36200T	
225 A	1125 A	2250 A	JDL36225T	JGL36225T	JJL36225T	JLL36225T	JRL36225T	AL250JD 3/0 AWG–350 kcmil Al or Cu
250 A	1250 A	2500 A	JDL36250T	JGL36250T	JJL36250T	JLL36250T	JRL36250T	

Table 3.3: H-Frame 150 A and J-Frame 250 A 3P Basic UL Current-Limiting Circuit Breaker Frame Without Terminations [3] or Trip Unit
(600 Vac, 250 Vdc)

Circuit Breaker Frame	Ampere Rating	Cat. No.				
		D Interrupting	G Interrupting	J Interrupting [2]	L Interrupting [2]	R Interrupting [2]
H-Frame	15–60 A	HDF36000F06	HGF36000F06	HJF36000F06	HLF36000F06	HRF36000F06
	70–150 A	HDF36000F15	HGF36000F15	HJF36000F15	HLF36000F15	HRF36000F15
J-Frame	150–250 A	JDF36000F25	JGF36000F25	JJF36000F25	JLF36000F25	JRF36000F25



H-Frame and Trip Unit

Table 3.4: H-Frame and J-Frame 3P Field-Installable Thermal-Magnetic Trip Unit

15–60 A H-Frame		70–150 A H-Frame		150–250 A J-Frame	
Amperage	Cat. No.	Amperage	Cat. No.	Amperage	Cat. No.
15 A	HT3015	70 A	HT3070	150 A	JT3150
20 A	HT3020	80 A	HT3080	175 A	JT3175
25 A	HT3025	90 A	HT3090	200 A	JT3200
30 A	HT3030	100 A	HT3100	225 A	JT3225
35 A	HT3035	110 A	HT3110	250 A	JT3250
40 A	HT3040	125 A	HT3125	—	—
45 A	HT3045	150 A	HT3150	—	—
50 A	HT3050	—	—	—	—
60 A	HT3060	—	—	—	—

Table 3.5: H- and J-Frame Interrupting Ratings

Voltage	Interrupting Rating				
	D	G	J	L	R
240 Vac	25 kA	65 kA	100 kA	125 kA	200 kA
480 Vac	18 kA	35 kA	65 kA	100 kA	200 kA
600 Vac	14 kA	18 kA	25 kA	50 kA	100 kA

Table 3.6: H- and J-Frame Termination Options

Termination Letter
F = No Lugs (includes terminal nut kit on both ends) [4]
L = Lugs both ends
M = Lugs ON end Terminal Nut Kit OFF end
P = Lugs OFF end Terminal Nut Kit ON end
N = Plug-in
D = Drawout
S = Rear Connected
For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number. H D L 3 6 0 1 5 T

Accessories see Digest Section 7
Optional Lugs see Digest Section 7
Dimensions see Digest Section 7
Enclosures see Digest Section 7

[1] Circuit breakers will be labeled with Line and Load markings and are not suitable for reverse connections. Available on 3P circuit breakers; not available on I-Line™ constructions. For 100% rated circuit breakers replace the "T" suffix with an "R" suffix. 100% rated is not available in I-Line, plug-in, or drawout constructions.

[2] Circuit breakers with J, L, and R interrupting ratings are UL Certified as current limiting.

[3] See Digest Section 7 for lug and termination kits.

[4] Add TS suffix for circuit breaker without terminal nut kit.