

Table 7.37: H-Frame 150 A and J-Frame 250 A Thermal-Magnetic Current-Limiting Circuit Breakers (600 Vac, 250 Vdc) With Factory Sealed Trip Unit Suitable for Reverse Connection▲

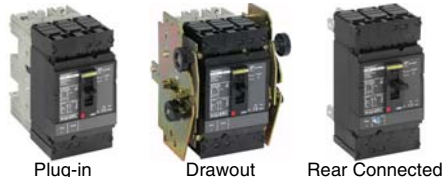
Current Rating @ 40°C	Fixed AC Magnetic Trip		Cat. No. ■◆	Interrupting Rating (2nd Letter of Catalog Number)								Terminal Wire Range
				D		G		J		L		
				\$ Price								
Hold	Trip		80% Rated	100% Rated	80% Rated	100% Rated	80% Rated	100% Rated	80% Rated	100% Rated		
H-Frame, 150A 2P, 600 Vac 50/60 Hz, 250 Vdc												
15 A	350 A	750 A	H(L)26015(C)	870.00	1044.00	1269.00	1523.00	1559.00	1871.00	2364.00	2837.00	AL150HD 14-3/0 AWG Al or Cu
20 A	350 A	750 A	H(L)26020(C)	870.00	1044.00	1269.00	1523.00	1559.00	1871.00	2364.00	2837.00	
25 A	350 A	750 A	H(L)26025(C)	870.00	1044.00	1269.00	1523.00	1559.00	1871.00	2364.00	2837.00	
30 A	350 A	750 A	H(L)26030(C)	870.00	1044.00	1269.00	1523.00	1559.00	1871.00	2364.00	2837.00	
35 A	400 A	850 A	H(L)26035(C)	870.00	1044.00	1269.00	1523.00	1559.00	1871.00	2364.00	2837.00	
40 A	400 A	850 A	H(L)26040(C)	870.00	1044.00	1269.00	1523.00	1559.00	1871.00	2364.00	2837.00	
45 A	400 A	850 A	H(L)26045(C)	870.00	1044.00	1269.00	1523.00	1559.00	1871.00	2364.00	2837.00	
50 A	400 A	850 A	H(L)26050(C)	870.00	1044.00	1269.00	1523.00	1559.00	1871.00	2364.00	2837.00	
60 A	800 A	1450 A	H(L)26060(C)	870.00	1044.00	1269.00	1523.00	1559.00	1871.00	2364.00	2837.00	
70 A	800 A	1450 A	H(L)26070(C)	1062.00	1274.00	1497.00	1797.00	1721.00	2066.00	2613.00	3137.00	
80 A	800 A	1450 A	H(L)26080(C)	1062.00	1274.00	1497.00	1797.00	1721.00	2066.00	2613.00	3137.00	
90 A	800 A	1450 A	H(L)26090(C)	1062.00	1274.00	1497.00	1797.00	1721.00	2066.00	2613.00	3137.00	
100 A	900 A	1700 A	H(L)26100(C)	1062.00	1274.00	1497.00	1797.00	1721.00	2066.00	2613.00	3137.00	
110 A	900 A	1700 A	H(L)26110(C)	2072.00	2486.00	3059.00	3671.00	4449.00	5339.00	5534.00	6641.00	
125 A	900 A	1700 A	H(L)26125(C)	2072.00	2486.00	3059.00	3671.00	4449.00	5339.00	5534.00	6641.00	
150 A	900 A	1700 A	H(L)26150(C)	2072.00	2486.00	3059.00	3671.00	4449.00	5339.00	5534.00	6641.00	
H-Frame 150A 3P, 600 Vac 50/60 Hz, 250 Vdc												
15 A	350 A	750 A	H(L)36015(C)	1088.00	1305.00	1493.00	1791.00	1949.00	2339.00	2849.00	3419.00	AL150HD 14-3/0 AWG Al or Cu
20 A	350 A	750 A	H(L)36020(C)	1088.00	1305.00	1493.00	1791.00	1949.00	2339.00	2849.00	3419.00	
25 A	350 A	750 A	H(L)36025(C)	1088.00	1305.00	1493.00	1791.00	1949.00	2339.00	2849.00	3419.00	
30 A	350 A	750 A	H(L)36030(C)	1088.00	1305.00	1493.00	1791.00	1949.00	2339.00	2849.00	3419.00	
35 A	400 A	850 A	H(L)36035(C)	1088.00	1305.00	1493.00	1791.00	1949.00	2339.00	2849.00	3419.00	
40 A	400 A	850 A	H(L)36040(C)	1088.00	1305.00	1493.00	1791.00	1949.00	2339.00	2849.00	3419.00	
45 A	400 A	850 A	H(L)36045(C)	1088.00	1305.00	1493.00	1791.00	1949.00	2339.00	2849.00	3419.00	
50 A	400 A	850 A	H(L)36050(C)	1088.00	1305.00	1493.00	1791.00	1949.00	2339.00	2849.00	3419.00	
60 A	800 A	1450 A	H(L)36060(C)	1088.00	1305.00	1493.00	1791.00	1949.00	2339.00	2849.00	3419.00	
70 A	800 A	1450 A	H(L)36070(C)	1328.00	1592.00	1701.00	2042.00	2099.00	2519.00	3149.00	3779.00	
80 A	800 A	1450 A	H(L)36080(C)	1328.00	1592.00	1701.00	2042.00	2099.00	2519.00	3149.00	3779.00	
90 A	800 A	1450 A	H(L)36090(C)	1328.00	1592.00	1701.00	2042.00	2099.00	2519.00	3149.00	3779.00	
100 A	900 A	1700 A	H(L)36100(C)	1328.00	1592.00	1701.00	2042.00	2099.00	2519.00	3149.00	3779.00	
110 A	900 A	1700 A	H(L)36110(C)	2600.00	3120.00	3599.00	4319.00	5174.00	6209.00	6749.00	8099.00	
125 A	900 A	1700 A	H(L)36125(C)	2600.00	3120.00	3599.00	4319.00	5174.00	6209.00	6749.00	8099.00	
150 A	900 A	1700 A	H(L)36150(C)	2600.00	3120.00	3599.00	4319.00	5174.00	6209.00	6749.00	8099.00	
J-Frame 250A 2P, 600 Vac 50/60 Hz, 250 Vdc												
150 A	750 A	1500 A	J(L)26150(C)	2175.00	2610.00	3212.00	3854.00	4671.00	5606.00	5811.00	6972.00	AL175JD 4-4/0 AWG Al or Cu
175 A	875 A	1750 A	J(L)26175(C)	2175.00	2610.00	3212.00	3854.00	4671.00	5606.00	5811.00	6972.00	
200 A	1000 A	2000 A	J(L)26200(C)	2175.00	2610.00	3212.00	3854.00	4671.00	5606.00	5811.00	6972.00	
225 A	1125 A	2250 A	J(L)26225(C)	2175.00	2610.00	3212.00	3854.00	4671.00	5606.00	5811.00	6972.00	
250 A	1250 A	2500 A	J(L)26250(C)	2988.00	3585.00	4251.00	5102.00	6225.00	7469.00	7194.00	8633.00	
J-Frame 250A 3P, 600 Vac 50/60 Hz, 250 Vdc												
150 A	750 A	1500 A	J(L)36150(C)	2730.00	3276.00	3779.00	4535.00	5432.00	6519.00	7086.00	8504.00	AL175JD 4-4/0 AWG Al or Cu
175 A	875 A	1750 A	J(L)36175(C)	2730.00	3276.00	3779.00	4535.00	5432.00	6519.00	7086.00	8504.00	
200 A	1000 A	2000 A	J(L)36200(C)	2730.00	3276.00	3779.00	4535.00	5432.00	6519.00	7086.00	8504.00	
225 A	1125 A	2250 A	J(L)36225(C)	2730.00	3276.00	3779.00	4535.00	5432.00	6519.00	7086.00	8504.00	
250 A	1250 A	2500 A	J(L)36250(C)	3749.00	4499.00	5001.00	6002.00	7238.00	8685.00	8993.00	10791.00	

- ▲ See page 7-23 for circuit breakers with field interchangeable trip units.
- To complete catalog number, replace the blank with the appropriate rating (D, G, J, L).
- ◆ For 100% rated circuit breakers add a "C" in the 9th character place (for example, HDL26015C or JDL26150C).

Table 7.38: H- and J-Frame Termination Options

Termination Letter	For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number.
A - I-Line (See Section 9)	
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	
N = Plug-in ▼	
D = Drawout ▼	
S = Rear Connected ▼	

H₁G₁L₁36100
Termination Letter



- * Add TS suffix for circuit breaker without terminal nut kit.
- ▼ For N and D pricing, add termination pricing on page 7-42 to price. For S pricing, add termination pricing on page 7-38 to price.

Table 7.39: H- and J-Frame Interrupting Ratings

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

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Optional Lugs	Page 7-39
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7 MINIATURE AND MOLDED CASE CIRCUIT BREAKERS

HD and HG 2P

H-Frame

J-Frame



Circuit Breaker Type	HOM Circuit Breakers							QO® Circuit Breakers																		
	Plug-on	HOM	HOM-AFI	HOM-GFI	HOM-EPD	HOMT	QO	QO-H	QO-VH	QH	QOT	QO-CAFI	QO-VHAFI	QO-GFI	QO-VHGF	QO-EPD QO-EPE										
	Bolt-on	—	—	—	—	—	QOB	QOB-H	—	—	—	QOB-VH	QHB	—	QOB-CAFI	QOB-VHAFI	QOB-GFI	QOB-VHGF	QOB-EPD QOB-EPE							
Unit Mount	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
Number of Poles	1	2	1	1	2	1	1	2	3	2	1	2	3	1	2,3▲	1,2	3	1	1	1	2	3	1	1	2	3
Current Range	15-50	15-200♦	15-20	15-20	15-50	15-20	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50	15-50

Interrupting Ratings																																
UL/CSA Rating (kA) (50/60 Hz)	120 Vac	10	10	10	10	10	10	10	10	10	10	10	10	10	22	22	22	22	22	22	65	65	10	10	22	10	10	—	22	10	10	—
	120/240 Vac	10	10	—	—	10	—	10	10	10	10	10	10	10	22	22	22	22	22	22	65	65	10	—	—	—	10	—	—	—	10	—
	208Y/120	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	240 Vac ★	—	—	—	—	—	—	—	—	—	—	—	—	10	10	—	—	22	—	22▼	—	65	—	—	—	—	—	—	—	—	—	10
	277 Vac	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DC Ratings	480Y/277 Vac	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	48 Vdc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	60 Vdc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	65 Vdc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	125 Vdc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
250 Vdc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
IEC 60947-2 (50/60 Hz) □	IEC (Icu)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

Special Ratings																															
Fed. Specs W-C-375B/GEN		X	X	X	X	X	X	X	X	X	X	—	—	—	X	—	—	—	—	X	—	X	X	—	—	X	—	—	—	X	—
Other Standard	HACR ◊ NOM	HACR ◊							HACR★ NOM			HACR ★					—	—	—	HACR ★	—	NOM	—	—	NOM						

Accessories and Modifications																															
Shunt Trip ▽		—	—	—	—	—	—	—	—	—	—	X	X	X	X	X	X	X	X	X	⊙	X	X	X	—	—	—	—	—	—	—
Undervoltage Trip		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Auxiliary Switches ▽		—	—	—	—	—	—	—	—	—	X	X	X	X	X	X	X	X	X	X	⊙	X	X	X	—	X	X	X	X	X	X
Alarm Switch ▽		—	—	—	—	—	—	—	—	—	X	X	X	X	X	X	X	X	X	X	⊙	X	X	X	—	X	X	X	X	X	X
Handle Operators		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Handle Padlock Attachment		X	X	X	—	—	—	—	X*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Trip System Type		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Molded Case Switch		—	—	—	—	—	—	—	—	X	X	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Dimensions (1P Unit Mount)																													
Dimensions (1P Unit Mount) in. (mm)	Height	3.13 (79)							3.5 (89) ▲							4.75 (121)			4.12 (103)										
	Width	1.00 (25)														0.75 (19) ▲													
	Depth	2.98 (76)														2.92 (74) ▲													
Pages		Page 1-13														Pages 7-10, 7-11													

- ▲ See page 7-54 for dimensions for: QOB2150VH, QOB3110VH, QOB3125VH and QOB3150VH.
- HOMT tandem is 30 A maximum. HOMT quad tandem has 20 A maximum on outside poles, and 50 A maximum on the inside poles.
- ◆ AFI, EPD and GFI products are rated 60 Hz only.
- ★ See the Supplemental Digest for 3Ø corner grounded systems.
- ▼ 22 kA @ 240 Vac for 3P only.
- △ 1P and 2P, 10-70 A and 3P 10-60 A only.
- See the Supplemental Digest for circuit breakers with IEC ratings.
- ◊ HACR on HOM 1P 15-50 A and 2P 15-100 A
- ★ HACR on QO, QOB 1P 10-70 A, 2P 15-100 A, 3P 10-100 A; QOB-VH 1P 15-70 A, 2P 15-125 A, 3P 15-100 A
- ▽ Factory-installed option only
- ⊙ Factory-installed accessories are not available on QOB-VH 2P150 A and 3P 110-150 A
- * Handle padlock attachment available for HOMT quad tandem only.
- ◆ 2P 150-200 A requires 4P width.

7 MINIATURE AND MOLDED CASE CIRCUIT BREAKERS

The PowerPact Advantage

- **Proven Performance:** Industry-leading circuit breaker innovation and protection for heavy-duty commercial and industrial applications.
- **Flexible:** Full range of 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 7.35: PowerPact Interrupting Ratings

Voltage	Interrupting Rating					
	B	D	G	J	K	L
240 Vac	10 kA	25 kA	65 kA	100 kA	65 kA	125 kA
480 Vac		18 kA	35 kA	65 kA	65 kA ▲	100 kA
600 Vac		14 kA	18 kA	25 kA	65 kA ▲	50 kA

▲ P-frame K interrupting is 50 kA at 480 and 600 Vac.

Table 7.36: Common Catalog Numbering System

Frame	Rating	Termination	Poles	Voltage	Amperage ■			Suffix Code		Suffix Code	
					1	5	0	A	B	S	A
H	G	L	3	6	1	5	0	A	B	S	A

Frame Designation	Interrupting Rating	Terminations
G 100A Frame	240 Vac	A I-Line
H 150 A Frame	480 Vac	L Lugs on Both Ends
J 250 A Frame	600 Vac	F Bus Bar (No Lugs)
Q 250 A Frame	B 10 kA	M Lugs Line Side Only
D 600 A Frame	D 25 kA	P Lugs Load End Only
M 800 A Frame	G 65 kA	N Plug-in
P 1200 A Frame	J 100 kA	D Drawout
R 3000 A Frame	K 65 kA	S Rear Connected Studs
	L 125 kA	

110 Vac Shunt Trip
2A/2B Auxiliary Switch

■ For amperage of M-, P- or R-frame circuit breakers, add a zero to the three amperage digits; for example, 120 = 1200 A.

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Table 7.79: Motor Operators for H-, J-, and D-Frame Circuit Breakers


Description	Rated Voltage		Factory Installed Cat. No. Suffix	Field-Installable Kit							
				H-Frame▲		J-Frame		D-Frame 400 A		D-Frame 600 A	
				Cat. No.	\$ Price	Cat. No.	\$ Price	Cat. No.	\$ Price	Cat. No.	\$ Price
 Standard motor for electrically-operated circuit breakers Motor Operator	AC	48/60	ML	S29440	1161.00	S31548	3123.00	32642	3395.00	32839	3395.00
		110/130	MA	S29433		S31540		32840		32840	
		208/277	MD	S29434		S31541		32841		32841	
		220/240	MC	—		—		—		—	
		380/415	MF	—		—		32642		32842	
		380/485	MH	S29435		S31542		—		—	
	440/480	MH	—	—	32647	32847					
	DC	24/30	MO	S29436	S31543	32843	32843				
		48/60	MP	S29437	S31544	32844	32844				
		48/60	MV	—	—	—	3545.00				
110/130		MR	S29438	S31545	32845	32845					
	250	MS	S29439	S31546	32846	32846					
Locking Device	Mounting Hardware		—	—	—	—	32649	59.00	32649	58.00	
	Ronis lock		—	—	—	—	41940	146.00	41940	146.00	
	Profalux lock		—	—	—	—	42888	146.00	42888	146.00	
Operations Counter	—		—	—	—	—	32648	225.00	32648	225.00	
Adapter for I-Line	—		—	S37420	119.00	S37420	119.00	—	—	—	

Table 7.80: Spring-Charging Motors for Electrically-Operated P-Frame Circuit Breakers

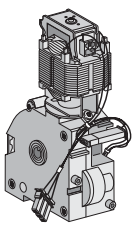
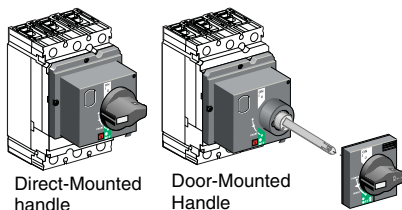
Description	Rated Voltage		Factory Installed Cat. No. Suffix	P-Frame (For Field-replacement Only)		Replacement Coils	
				Spring Charging Motor Cat. No.	\$ Price ♦	Opening/Closing Coil Cat. No.	\$ Price
 Standard motor for electrically-operated circuit breakers. Factory-installed includes motor and opening/closing coils. Spring-charging Motor	AC	48	ML	S47391	3580.00	S33660	755.00
		100/130	MA	S47395		S33661	
		220/240	MC	S47396		S33662	
	DC	380/415	MF	S47398	S33664		
		24/30	MO	S47390	S33659		
		48/60	MV	S47391	S33660		
Communicating motor mechanism for electrically operated circuit breakers. Factory-installed includes motor and opening/closing coils.	AC	110/130	MR	S47392	3580.00	S33661	755.00
		200/250	MS	S47393		S33662	
		48	NL	S47391		S33034	
	DC	100/130	NA	S47395	S33035		
		220/240	NC	S47396	S33036		
		380/415	NF	S47398	S33038		
DC	24/30	NO	S47390	S33033			
	48/60	NV	S47391	S33034			
	110/130	NR	S47392	S33035			
	200/250	NS	S47393	S33036			

Table 7.81: Rotary Operated Handles

Device	Description	H- and J-Frame▲			D-Frame			P-Frame		
		Factory Installed Cat. No. Suffix	Field Installable Cat. No.	\$ Price	Factory Installed Cat. No. Suffix	Field Installable Cat. No.	\$ Price	Factory Installed Cat. No. Suffix	\$ Price	
Direct Mounted	Standard Handle Black	Handle only	RD10	S29337	225.00	RD12	32597	366.00	RD10	539.00
	Standard Black Handle with	Two early-break and two early make switches	—	—	—	—	—	—	RD16	822.00
		One early-break switch	RD12	S29337 + S29345	345.00	—	—	—	—	—
		Two early-make switches	RD13	S29337 + S29346	404.00	—	—	—	—	—
	Red handle on yellow bezel	—	RD20	S29339	234.00	RD22	32599	407.00	—	—
		One early-break switch	RD22	S29339 + S29345	354.00	—	—	—	—	—
		Two early-make switches	RD23	S29339 + S29346	413.00	—	—	—	—	—
MCC Conversion Accessory	—	—	—	—	—	32606	102.00	—	—	
Door Mounted	Standard black handle	Handle Only	RE10	S29338	383.00	RE12	32598	557.00	RE10	971.00
	Standard Black Handle with:	Two early-break and two early make switches	—	—	—	—	—	—	RE16	1268.00
		Two early make switches	RE13	S29338 + S29345	503.00	—	—	—	—	—
	Red handle on yellow bezel	Handle Only	RE20	S29340	399.00	RE22	32600	597.00	—	
Rotary Handle Replacement Kit	—	—	—	—	—	—	—	S33875	795.00	
Telescoping	—	—	RT10	S29343	492.00	RT12	32603	617.00	—	
Accessories	Key lock adapter	—	—	—	—	32604	58.00	—	—	
	Key locks	Ronis 1351.500	—	—	—	41940	146.00	—	—	
		Profalux KS5 B24 D4Z	—	—	—	—	42888	146.00	—	—
	Indication Auxiliary Switch	One early-break switch	—	—	—	—	32605	120.00	—	—
Two early-make switches		—	—	—	—	29346	179.00	—	—	



- ▲ Not available in H-frame 2P modules.
- CP1 discount schedule.
- ♦ DE2F discount schedule.

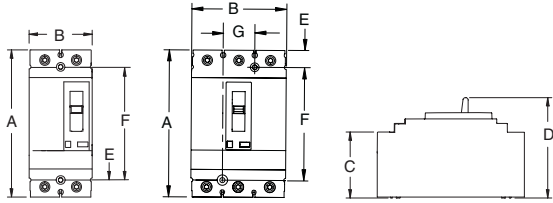


Figure 25

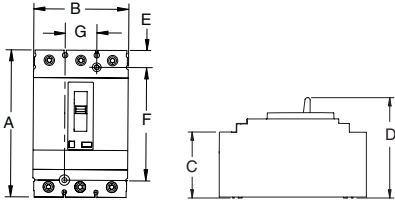


Figure 26

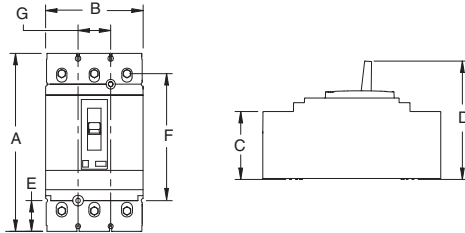


Figure 27

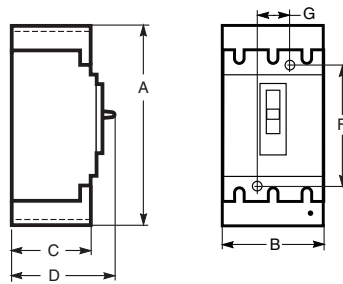


Figure 28

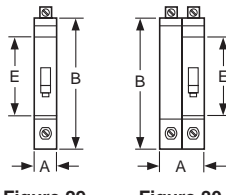


Figure 29

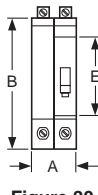


Figure 30

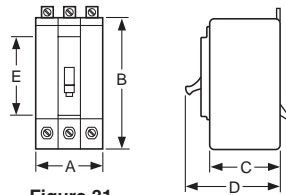


Figure 31

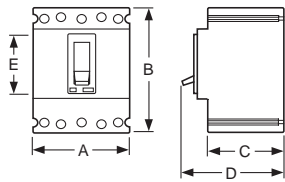


Figure 32

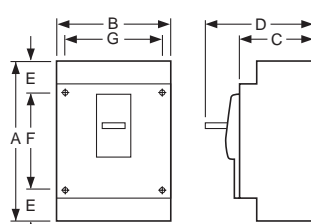


Figure 33

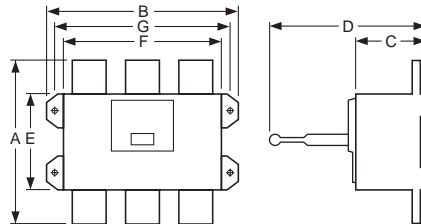


Figure 34

Table 7.143: HD, HG, HJ, HL, JD, JG, JJ, JL, DG, DJ, and DL Circuit Breakers

Circuit Breaker Cat. No. Prefix	No. of Poles	Fig. No.	Dimensions — Inches						
			A	B	C	D	E	F	G
HD, HG, HJ, HL	2	25	6.40	2.74	2.87	4.36	0.74	4.92	—
	3	26	6.40	4.12	2.87	4.36	0.74	4.92	1.38
JD, JG, JJ, JL	3	27	7.52	4.12	2.87	5.00	1.30	4.92	1.38
DG, DJ, DL	3	28	13.38	5.51	3.75	6.61	2.22	8.93	1.77

Table 7.144: ED, EG, EJ and GJL Circuit Breakers

Circuit Breaker Cat. No. Prefix	No. of Poles	Fig. No.	Dimensions — Inches				
			A	B	C	D	E
ED, EG, EJ	1	29	0.98	5.66	3.09	4.05	3.32
ED, EG, EJ	2	30	1.96	5.66	3.09	4.05	3.32
ED, EG, EJ	3	31	2.94	5.66	3.09	4.05	3.32
GJ	3	32	3.54	4.72	2.76	3.94	2.20

Table 7.145: MG, MJ, PG, PJ, PL, RG, RJ and RL Circuit Breakers

Circuit Breaker Cat. No. Prefix	No. of Poles	Fig. No.	Dimensions — Inches						
			A	B	C	D	E	F	G
MG, MJ (800 A and below)	2, 3	33	12.86	8.27	5.77	8.05	2.49	7.87	7.83
PG, PJ, PK, PL (1000–1200 A)	2, 3	33	16.16	8.27	5.77	8.05	4.19	7.87	7.83
RG, RJ, RL	2, 3	34	16.24	16.54	6.63	14.49	8.73	14.25	15.35

Table 7.146: Shipping Weights▲

Frame Size	Approx. Shipping Weight (Lbs.)	Frame Size	Approx. Shipping Weight (Lbs.)
HD, HG, HJ, HL 2P	4	DG, DJ, DL	14
HD, HG, HJ, HL 3P	5	GJ	3
JD, JG, JJ, JL	5	MG, MJ	34
ED, EG, EJ 1P	2	PG, PJ, PL	32
ED, EG, EJ 2P	3	RG, RJ, RL (Without RLTB)	52
ED, EG, EJ 3P	4		

▲ All weights are for 3P circuit breakers unless otherwise noted.

H- and J-frame

Table 9.116: H-frame 150 A Standard Rated Thermal Magnetic (600 Vac) with Factory Sealed Trip Units

Ampere Rating	AC Magnetic Trip Setting		D Interrupting		G Interrupting		J Interrupting ▲		L Interrupting ▲		Terminal Wire Range
	Hold	Trip	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	
2-pole, 600 Vac 50/60 Hz											
15	350	750	HDA26015()	899.	HGA26015()	1338.	HJA26015()	1589.	HLA26015()	2483.	AL150HD #14-#3/0 AWG Al or Cu
20			HDA26020()		HGA26020()		HJA26020()		HLA26020()		
25			HDA26025()		HGA26025()		HJA26025()		HLA26025()		
30			HDA26030()		HGA26030()		HJA26030()		HLA26030()		
35			HDA26035()		HGA26035()		HJA26035()		HLA26035()		
40	400	850	HDA26040()	899.	HGA26040()	1338.	HJA26040()	1589.	HLA26040()	2483.	
45			HDA26045()		HGA26045()		HJA26045()		HLA26045()		
50			HDA26050()		HGA26050()		HJA26050()		HLA26050()		
60			HDA26060()		HGA26060()		HJA26060()		HLA26060()		
70			HDA26070()		HGA26070()		HJA26070()		HLA26070()		
80	800	1450	HDA26080()	1088.	HGA26080()	1559.	HJA26080()	1824.	HLA26080()	2691.	
90			HDA26090()		HGA26090()		HJA26090()		HLA26090()		
100			HDA26100()		HGA26100()		HJA26100()		HLA26100()		
110			HDA26110()		HGA26110()		HJA26110()		HLA26110()		
125			HDA26125()		HGA26125()		HJA26125()		HLA26125()		
150	900	1700	HDA26150()	2195.	HGA26150()	3212.	HJA26150()	4671.	HLA26150()	5699.	
3-pole, 600 Vac 50/60 Hz											
15	350	750	HDA36015	1124.	HGA36015	1575.	HJA36015	1988.	HLA36015	2993.	AL150HD #14-#3/0 AWG Al or Cu
20			HDA36020		HGA36020		HJA36020		HLA36020		
25			HDA36025		HGA36025		HJA36025		HLA36025		
30			HDA36030		HGA36030		HJA36030		HLA36030		
35			HDA36035		HGA36035		HJA36035		HLA36035		
40	400	850	HDA36040	1124.	HGA36040	1575.	HJA36040	1988.	HLA36040	2993.	
45			HDA36045		HGA36045		HJA36045		HLA36045		
50			HDA36050		HGA36050		HJA36050		HLA36050		
60			HDA36060		HGA36060		HJA36060		HLA36060		
70			HDA36070		HGA36070		HJA36070		HLA36070		
80	800	1450	HDA36080	1361.	HGA36080	1772.	HJA36080	2225.	HLA36080	3243.	
90			HDA36090		HGA36090		HJA36090		HLA36090		
100			HDA36100		HGA36100		HJA36100		HLA36100		
110			HDA36110		HGA36110		HJA36110		HLA36110		
125			HDA36125		HGA36125		HJA36125		HLA36125		
150	900	1700	HDA36150	2730.	HGA36150	3779.	HJA36150	5432.	HLA36150	6951.	

▲ 2 pole in 3p module

Table 9.117: J-frame 250 A Standard Rated Thermal Magnetic (600 Vac) with Factory Sealed Trip Units

Ampere Rating	AC Magnetic Trip Setting		D Interrupting ■		G Interrupting ■		J Interrupting ■		L Interrupting ■		Terminal Wire Range
	Low	High	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	
2-pole, 600 Vac 50/60 Hz											
150	750	1500	JDA26150()	2283.	JGA26150()	3372.	JJA26150()	4904.	JLA26150()	5985.	AL175JD #1/0-4/0 AWG Al or Cu
175	875	1750	JDA26175()		JGA26175()		JJA26175()		JLA26175()		
200	1000	2000	JDA26200()	2283.	JGA26200()	3372.	JJA26200()	4904.	JLA26200()	5985.	
225	1125	2250	JDA26225()		JGA26225()		JJA26225()		JLA26225()		
250	1250	2500	JDA26250()	3138.	JGA26250()	4463.	JJA26250()	6536.	JLA26250()	7338.	
3-pole, 600 Vac 50/60 Hz											
150	750	1500	JDA36150	2867.	JGA36150	3968.	JJA36150	5705.	JLA36150	7299.	AL175JD #1/0-4/0 AWG Al or Cu
175	875	1750	JDA36175		JGA36175		JJA36175		JLA36175		
200	1000	2000	JDA36200		JGA36200		JJA36200		JLA36200		
225	1125	2250	JDA36225		JGA36225		JJA36225		JLA36225		
250	1250	2500	JDA36250		3936.		JGA36250		5252.		

■ 2 pole in 3p module

Table 9.118: Molded Case Switch—Automatic

Ampere Rating	2-pole		3-pole		Withstand Rating ▲			Trip Point Amperes AC	Terminal Wire Range
	Catalog Number	\$ Price	Catalog Number	\$ Price	240 Vac	480 Vac	600 Vac		
G Interrupting									
150	HGA26000S15()	1416.	HGA36000S15	1889.	65	35	18	1300	AL150HD #14-#3/0 AWG Al or Cu
175	JGA26000S17()	1919.	JGA36000S17	2400.	65	35	18	2500	AL250JD
250	JGA26000S25()		JGA36000S25						#3/0-350 kcmil Al or Cu
L Interrupting									
150	HLA26000S15()	1670.	HLA36000S15	2087.	125	100	50	1300	AL150HD #14-#3/0 AWG Al or Cu
175	HLA26000S17()	2079.	JLA36000S17	2600.	125	100	50	1300	AL250JD
250	JLA26000S25()		JLA36000S25					#3/0-350 kcmil Al or Cu	

▲ The withstand rating is the fault current, at rated voltage, that the molded case switch will withstand without damage when protected by a circuit breaker with an equal continuous current rating.
■ 2-pole device with 3 in. (76 mm) mounting height, all other 2-pole circuit breakers use 3-pole module 4.5 in. (114 mm) mounting height.

Table 9.119: Phase Options—Example HDA26150()

Phase Option Number	Phase Connection	2-pole	3-pole
1	AB	HDA261501	—
2	AC	HDA261502	—
3	BA	HDA261503	—
4	BC	HDA261504	—
5	CA	HDA261505	—
6	CB	HDA261506	—
Standard	ABC	—	HDA36150
6	CBA	—	HDA361506

Table 9.120: Interrupt Ratings (kA)

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

Accessories page 7-35
Optional Lugs page 7-38



HD/HG 2-pole
3 in. (76 mm)
Mounting Height



H-frame 3-pole
4.5 in. (114 mm)
Mounting Height



J-frame 3-pole
4.5 in. (114 mm)
Mounting Height