

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 | |
| Current Rating @ 40°C | Adjustable AC Magnetic Trip | | Cat. No. ■◆ | Interrupting Rating (2nd Letter of Catalog Number) | | | | | | | | Terminal Wire Range |
| | | | | D | | G | | J | | L | | |
| | | | | \$ Price | | | | | | | | |
| Low | High | | 80% Rated | 100% Rated | 80% Rated | 100% Rated | 80% Rated | 100% Rated | 80% Rated | 100% Rated | | |
| 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 | |

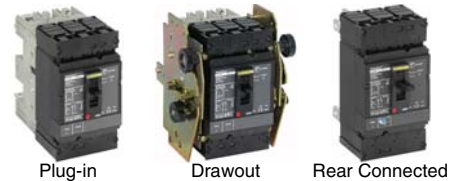
- ▲ See page 7-23 for circuit breakers with field interchangeable trip units.
- To complete catalog number, replace the blank with the appropriate rating (D, G, J, L).
- ◆ For 100% rated circuit breakers add a "C" in the 9th character place (for example, HDL26015C or JDL26150C).

Table 7.38: H- and J-Frame Termination Options

| Termination Letter |
|---|
| 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 ▼ |

For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number.

H₁G₁L₁36100
L 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 |

| | |
|---------------------|-----------|
| Accessories | Page 7-36 |
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| Dimensions | Page 7-55 |
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Table 7.40: H-Frame 150 A Current-Limiting Circuit Breaker Frame with Field-Interchangeable Thermal-Magnetic Trip Units▲ (600 Vac, 250 Vdc)

| Ampere Rating | Fixed AC Magnetic Trip | | D Interrupting | | G Interrupting | | J Interrupting | | L Interrupting | | Terminal Wire Range |
|----------------------|------------------------|--------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|-----------------------------------|
| | Hold | Trip | Cat. No. | \$ Price | Cat. No. | \$ Price | Cat. No. | \$ Price | Cat. No. | \$ Price | |
| 3P, 600 Vac 50/60 Hz | | | | | | | | | | | |
| 15 A | 350 A | 750 A | HDL36015T | 1088.00 | HGL36015T | 1493.00 | HJL36015T | 1949.00 | HLL36015T | 2849.00 | AL150HD 14-3/0 AWG Al or Cu |
| 20 A | 350 A | 750 A | HDL36020T | 1088.00 | HGL36020T | 1493.00 | HJL36020T | 1949.00 | HLL36020T | 2849.00 | |
| 25 A | 350 A | 750 A | HDL36025T | 1088.00 | HGL36025T | 1493.00 | HJL36025T | 1949.00 | HLL36025T | 2849.00 | |
| 30 A | 350 A | 750 A | HDL36030T | 1088.00 | HGL36030T | 1493.00 | HJL36030T | 1949.00 | HLL36030T | 2849.00 | |
| 35 A | 400 A | 850 A | HDL36035T | 1088.00 | HGL36035T | 1493.00 | HJL36035T | 1949.00 | HLL36035T | 2849.00 | |
| 40 A | 400 A | 850 A | HDL36040T | 1088.00 | HGL36040T | 1493.00 | HJL36040T | 1949.00 | HLL36040T | 2849.00 | |
| 45 A | 400 A | 850 A | HDL36045T | 1088.00 | HGL36045T | 1493.00 | HJL36045T | 1949.00 | HLL36045T | 2849.00 | |
| 50 A | 400 A | 850 A | HDL36050T | 1088.00 | HGL36050T | 1493.00 | HJL36050T | 1949.00 | HLL36050T | 2849.00 | |
| 60 A | 800 A | 1450 A | HDL36060T | 1088.00 | HGL36060T | 1493.00 | HJL36060T | 1949.00 | HLL36060T | 2849.00 | |
| 70 A | 800 A | 1450 A | HDL36070T | 1328.00 | HGL36070T | 1701.00 | HJL36070T | 2099.00 | HLL36070T | 3149.00 | |
| 80 A | 800 A | 1450 A | HDL36080T | 1328.00 | HGL36080T | 1701.00 | HJL36080T | 2099.00 | HLL36080T | 3149.00 | |
| 90 A | 800 A | 1450 A | HDL36090T | 1328.00 | HGL36090T | 1701.00 | HJL36090T | 2099.00 | HLL36090T | 3149.00 | |
| 100 A | 900 A | 1700 A | HDL36100T | 1328.00 | HGL36100T | 1701.00 | HJL36100T | 2099.00 | HLL36100T | 3149.00 | |
| 110 A | 900 A | 1700 A | HDL36110T | 2600.00 | HGL36110T | 3599.00 | HJL36110T | 5174.00 | HLL36110T | 6749.00 | |
| 125 A | 900 A | 1700 A | HDL36125T | 2600.00 | HGL36125T | 3599.00 | HJL36125T | 5174.00 | HLL36125T | 6749.00 | |
| 150 A | 900 A | 1700 A | HDL36150T | 2600.00 | HGL36150T | 3599.00 | HJL36150T | 5174.00 | HLL36150T | 6749.00 | |

Table 7.41: J-Frame 250 A Current-Limiting Circuit Breaker Frame with Field-Interchangeable Thermal-Magnetic Trip Units▲ (600 Vac, 250 Vdc)

| Ampere Rating | Adjustable AC Magnetic Trip | | D Interrupting | | G Interrupting | | J Interrupting | | L Interrupting | | Terminal Wire Range |
|----------------------|-----------------------------|--------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------------------|
| | Low | High | Cat. No. | \$ Price | Cat. No. | \$ Price | Cat. No. | \$ Price | Cat. No. | \$ Price | |
| 3P, 600 Vac 50/60 Hz | | | | | | | | | | | |
| 150 A | 750 A | 1500 A | JDL36150T | 2730.00 | JGL36150T | 3779.00 | JJL36150T | 5432.00 | JLL36150T | 7086.00 | AL175JD |
| 175 A | 875 A | 1750 A | JDL36175T | 2730.00 | JGL36175T | 3779.00 | JJL36175T | 5432.00 | JLL36175T | 7086.00 | 4-4/0 AWG Al or Cu |
| 200 A | 1000 A | 2000 A | JDL36200T | 2730.00 | JGL36200T | 3779.00 | JJL36200T | 5432.00 | JLL36200T | 7086.00 | AL250JD |
| 225 A | 1125 A | 2250 A | JDL36225T | 2730.00 | JGL36225T | 3779.00 | JJL36225T | 5432.00 | JLL36225T | 7086.00 | 3/0 AWG-350 kcmil Al or Cu |
| 250 A | 1250 A | 2500 A | JDL36250T | 3749.00 | JGL36250T | 5001.00 | JJL36250T | 7238.00 | JLL36250T | 8993.00 | |

▲ Circuit breakers will be labeled with Line and Load markings and are not suitable for reverse connections. Only available on standard (80%) rated 3P unit-mount circuit breakers; not available with I-Line® or Plug-In constructions.

Table 7.42: H-Frame 150A and J-Frame 250 A 3P Basic Current-Limiting Circuit Breaker Frame Without Terminations■ or Trip Unit (600 Vac, 250 Vdc)

| Circuit Breaker Frame | Ampere Rating | D Interrupting | | G Interrupting | | J Interrupting | | L Interrupting | |
|-----------------------|---------------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|
| | | Cat. No. | \$ Price | Cat. No. | \$ Price | Cat. No. | \$ Price | Cat. No. | \$ Price |
| H-Frame | 15-60 A | HDF36000F06 | 525.00 | HGF36000F06 | 930.00 | HJF36000F06 | 1386.00 | HLF36000F06 | 2286.00 |
| | 70-150 A | HDF36000F15 | 585.00 | HGF36000F15 | 1574.00 | HJF36000F15 | 3149.00 | HLF36000F15 | 4724.00 |
| J-Frame | 150-250 A | JDF36000F25 | 1538.00 | JGF36000F25 | 2790.00 | JJF36000F25 | 5027.00 | JLF36000F25 | 6782.00 |

■ See page 7-39 for lug and termination kits.

Table 7.43: 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. | \$ Price | Amperage | Cat. No. | \$ Price | Amperage | Cat. No. | \$ Price |
| 15 A | HT3015 | 563.00 | 70 A | HT3070 | 743.00 | 150 A | JT3150 | 1193.00 |
| 20 A | HT3020 | 563.00 | 80 A | HT3080 | 743.00 | 175 A | JT3175 | 1193.00 |
| 25 A | HT3025 | 563.00 | 90 A | HT3090 | 743.00 | 200 A | JT3200 | 1193.00 |
| 30 A | HT3030 | 563.00 | 100 A | HT3100 | 743.00 | 225 A | JT3225 | 1193.00 |
| 35 A | HT3035 | 563.00 | 110 A | HT3110 | 2025.00 | 250 A | JT3250 | 2213.00 |
| 40 A | HT3040 | 563.00 | 125 A | HT3125 | 2025.00 | — | — | — |
| 45 A | HT3045 | 563.00 | 150 A | HT3150 | 2025.00 | — | — | — |
| 50 A | HT3050 | 563.00 | — | — | — | — | — | — |
| 60 A | HT3060 | 563.00 | — | — | — | — | — | — |

Table 7.44: 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 |

Table 7.45: H- and J-Frame Termination Options

| Termination Letter | Description |
|---|---|
| A - I-Line (See Section 9) | For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number. |
| 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 ★ | |

HDL36015T

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.

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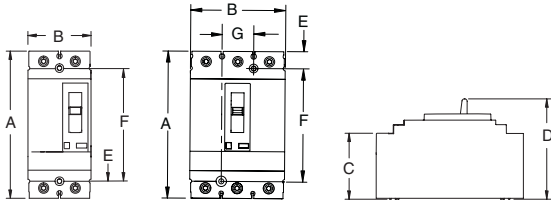


Figure 25

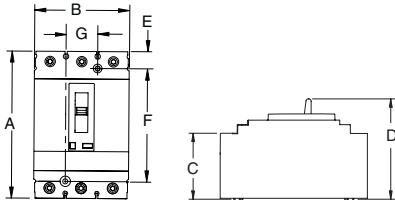


Figure 26

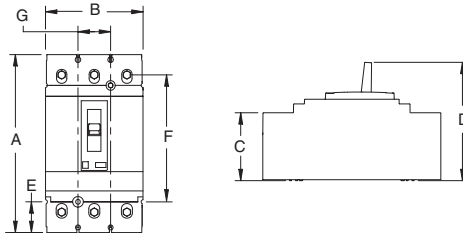


Figure 27

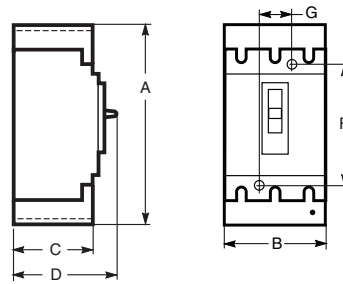


Figure 28

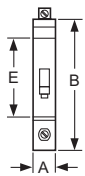


Figure 29

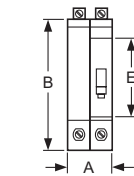


Figure 30

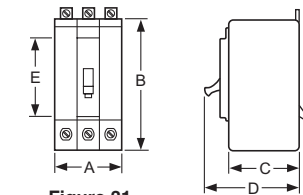


Figure 31

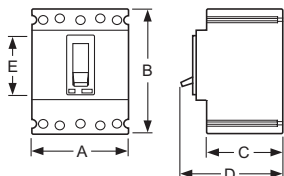


Figure 32

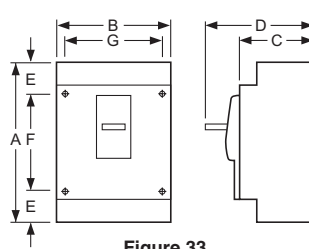


Figure 33

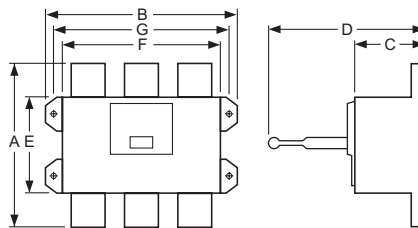


Figure 34

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 |

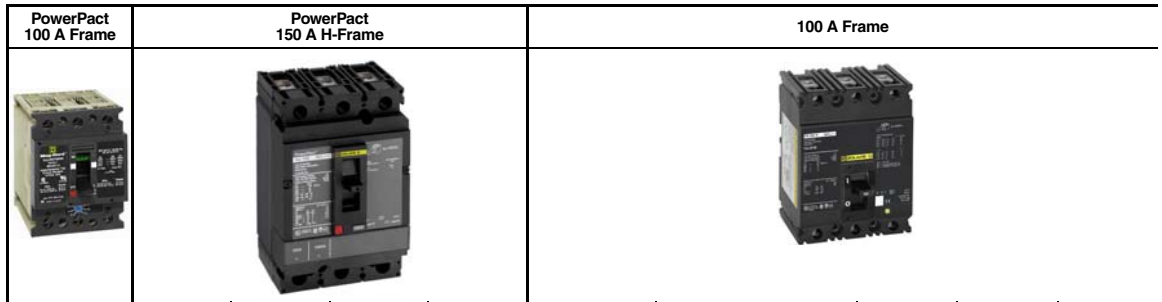
Table 7.145: MG, MJ, PG, PJ, PL, RG, RJ and RL Circuit Breakers

| 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.

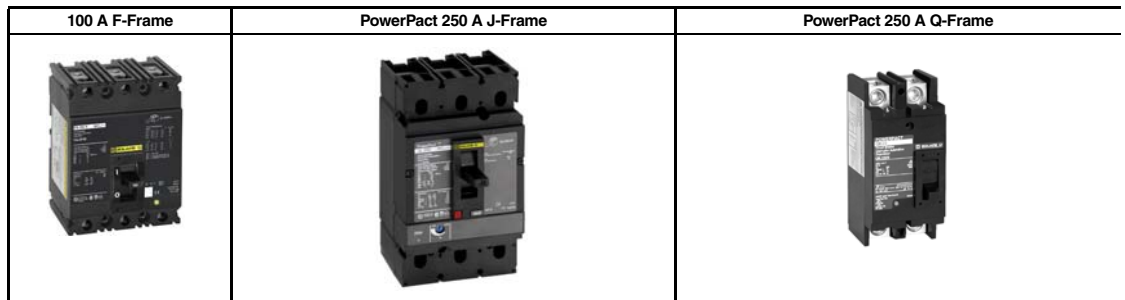


| | PowerPact 100 A Frame | PowerPact 150 A H-Frame | | | | | 100 A Frame | | | | | |
|--|--|-----------------------------------|-----------|----------|----------|------------------|-----------------|--------|--------|--------|--------|--------|
| Circuit Breaker Type | GJL | HD | HG | HJ | HL | FA (240 V) | FA | | FH | FH■ | FH | |
| Number of Poles | 3 | 2,3 | 2,3 | 2,3★ | 2,3★ | 1, 2, 3 | 1 | 2, 3 | 1 | 1 | 2, 3 | |
| Current Range | 15-100 | 15-150 A | 15-150 A | 15-150 A | 15-150 A | 15-100 | 15-100 | 15-100 | 15-30 | 35-100 | 15-100 | |
| Interrupting Ratings | | | | | | | | | | | | |
| UL/CSA/NOM Rating (kA RMS) (50/60 Hz) | 240 Vac | 100 | 25 | 65 | 100 | 125 | 10◐ | 25◐ | 25 | 65 | 25 | 65 |
| | 480Y/277 Vac | 65 | 18 | 35 | 65 | 100 | — | 18 | 18 | 65 | 25 | 25 |
| | 480 Vac | 65 | 18 | 35 | 65 | 100 | — | — | 18 | — | — | 25 |
| | 600Y/347 Vac | 18 | 14 | 18 | 25 | 50 | — | — | 14 | — | — | 18 |
| | 600 Vac | — | 14 | 18 | 25 | 50 | — | — | 14 | — | — | 18 |
| DC Ratings | 250 Vdc | — | 20 | 20 | 20 | 20 | 5♦ | 10♦ | 10 | 10♦ | 10♦ | 50 |
| | 500 Vdc▲ | — | — | — | — | — | — | — | — | — | — | 20 |
| IEC Rating (kA RMS) Icu/Ics★ | 240 Vac | 65/65 | 25/25 | 65/65 | 100/100 | 125/125 | — | 18/9 | — | 18/9 | — | — |
| | 415 Vac | 65/65 | 18/18 | 35/35 | 65/65 | 100/100 | 10/2.5 | 10/2.5 | 10/2.5 | 10/2.5 | 10/2.5 | 10/2.5 |
| IEC 50/60 Hz | For additional IEC ratings, see the Supplemental Digest. | | | | | | | | | | | |
| Special Ratings | | | | | | | | | | | | |
| Fed. Specs W-C-375B/GEN | — | X | X | X | X | X | X | X | X | X | X | X |
| HACR (2P, 3P) | X | — | — | — | — | — | X | — | X | — | — | — |
| Connections/Terminations | | | | | | | | | | | | |
| Unit Mount | X | — | — | — | — | — | X | X | X | X | X | — |
| I-Line® | — | X | X | X | X | X | X | X | X | X | X | — |
| Rear Connection | — | X◊ | X◊ | X | X | X | X | X | X | — | — | — |
| Drawout | — | X◊ | X◊ | X | X | X | — | — | — | — | — | — |
| Optional Lugs | — | X◊ | X◊ | X | X | X | X | X | X | X | X | — |
| Accessories and Modifications | | | | | | | | | | | | |
| Shunt Trip | X | X | X | X | X | X | X△▼ | — | X△ | — | — | X△ |
| Undervoltage Trip | X | X | X | X | X | X | X△▼ | — | X△ | — | — | X△ |
| Auxiliary Switches | X | X | X | X | X | X | X△▼ | — | X△ | — | — | X△ |
| Alarm Switch | X | X | X | X | X | X | X△▼ | X△ | X△ | X△ | X△ | X△ |
| Motor Operator | — | X◊ | X◊ | X | X | X | — | — | X | — | — | X |
| Handle Operators | X | X◊ | X◊ | X | X | X | X | — | X | X | X | X |
| Mechanical Interlocks (3P) | — | X | X | X | X | X | — | — | X | — | — | X |
| Handle Padlock Attachment | X | X◊ | X◊ | X | X | X | X | X | X | X | X | X |
| Cylinder Lock (3P△) | — | X◊ | X◊ | X | X | X | — | — | X | — | — | X |
| Handle Mechanical Interlocks | — | X◊ | X◊ | X | X | X | — | — | — | — | — | — |
| Optional GF Protection□ | — | — | — | — | — | — | — | — | X | — | — | X |
| Trip System Type | | | | | | | | | | | | |
| Thermal-magnetic | X | X | X | X | X | X | X | X | X | X | X | X |
| Instantaneous-only (MCP) | X | — | — | X▽ | X▽ | X | — | — | X | — | — | X |
| Molded Case Switch | — | X | X | X | X | X | — | — | — | — | — | X |
| Electronic | — | — | — | — | — | — | — | — | — | — | — | — |
| Enclosures (Pages 7-56-7-58) | | | | | | | | | | | | |
| General Purpose (NEMA 1) | — | X | X | X | X | X | X | X | X | X | X | X |
| Raintight (NEMA 3R) | — | X | X | X | X | X | X | X | X | X | X | X |
| Dust-tight (NEMA 12) | — | X | X | X | X | X | X | X | X | X | X | X |
| Watertight (NEMA 4, 4X, 5) | — | X | X | X | X | X | X | X | X | X | X | X |
| Explosion Proof (NEMA 7, 9) | — | — | — | — | — | — | X | X | X | X | X | X |
| Dimensions (3P Unit Mount) in. (mm) | Height | 4.72 (120) | 6.4 (163) | | | 6 (152) | 6 (152) | | | | | |
| | Width | 3.54 (90) | 4.1 (104) | | | 4.5 (114) | 4.5 (114) | | | | | |
| | Depth | 3.94 (100) | 3.4 (86) | | | 4.13 (105) | 4.13 (105) | | | | | |
| Pages (Unit Mount)/(I-Line) | Page 7-24 | Pages 7-22, 7-23, 7-28, 7-33/9-25 | | | | Pages 7-49, 9-23 | Pages 7-49/9-24 | | | | | |

Note: All circuit breakers on this chart are UL Listed and CSA Certified unless otherwise noted.

- ▲ Ungrounded UPS systems only. See page 7-34.
- 65 kA @ 120 Vac
- ♦ 1Ø 125 Vdc rating only.
- ◆ Dual UL and IEC ratings and CE markings on circuit breakers. For additional IEC ratings, see the Supplemental Digest.
- ▼ Not available on 1P FA (240 V).

- △ Factory-installed option only.
- ◊ Requires factory-installed "G" Shunt trip and 3P module.
- ◇ Not available in HD and HG 2P rating (2P module).
- ★ 2P in a 3P module.
- ▽ 3P only.
- ◐ 1P FA is 120 Vac.



| | 100 A F-Frame | | PowerPact 250 A J-Frame | | | | PowerPact 250 A Q-Frame | | | | |
|---------------------------------------|--|------------|---|-----------|-----------|-----------|-------------------------|------------|---------|---------|------|
| Circuit Breaker Type | FI | FY | JD | JG | JJ | JL | QB | QD | QG | QJ | |
| Number of Poles | 2, 3 | 1 | 2,3▲ | 2,3▲ | 2,3▲ | 2,3▲ | 2, 3 | 2, 3 | 2, 3 | 2, 3 | |
| Current Range | 20–100 | 15–30 | 150–250 A | 150–250 A | 150–250 A | 150–250 A | 70–250■ | 70–250■ | 70–250■ | 70–250■ | |
| Interrupting Ratings | | | | | | | | | | | |
| UL/CSA/NOM Rating (kA RMS) (50/60 Hz) | 240 Vac | 200 | 14 | 25 | 65 | 100 | 125 | 10 | 25 | 65 | 100 |
| | 480Y/277 Vac | 200 | 14 | 18 | 35 | 65 | 100 | — | — | — | — |
| | 480 Vac | 200 | — | 18 | 35 | 65 | 100 | — | — | — | — |
| | 600Y/347 Vac | 100 | — | 14 | 18 | 25 | 50 | — | — | — | — |
| DC Ratings | 600 Vac | 100 | — | 14 | 18 | 25 | 50 | — | — | — | — |
| | 250 Vdc | — | — | 20 | 20 | 20 | 20 | — | — | — | — |
| IEC Rating (kA RMS) Icu/Ics★ | 500 Vdc◆ | — | — | — | 20 | — | — | — | — | — | — |
| | 240 Vac | — | — | 25/25 | 65/65 | 100/100 | 125/125 | 10/5 | 10/5 | 10/5 | 10/5 |
| IEC 50/60 Hz | 415 Vac | 6/1.5 | — | 18/18 | 35/35 | 65/65 | 100/100 | 10/5 | 10/5 | 10/5 | 10/5 |
| | For additional IEC ratings, see the Supplemental Digest. | | | | | | | | | | |
| Special Ratings | | | | | | | | | | | |
| Fed. Specs W-C-375B/GEN | X | — | X | X | X | X | X | X | X | X | X |
| HACR (2P, 3P) | — | — | X | X | X | X | X | X | X | X | — |
| Connections/Terminations | | | | | | | | | | | |
| Unit Mount | X | — | X | X | X | X | X | X | X | X | X |
| I-Line® | X | X | X | X | X | X | X | X | X | X | X |
| Rear Connection | — | — | X | X | X | X | — | — | — | — | — |
| Drawout | — | — | X | X | X | X | — | — | — | — | — |
| Optional Lugs | X | — | X | X | X | X | — | — | — | — | — |
| Accessories and Modifications | | | | | | | | | | | |
| Shunt Trip | X△ | — | X | X | X | X | — | — | — | — | — |
| Undervoltage Trip | X△ | — | X | X | X | X | — | — | — | — | — |
| Auxiliary Switches | X△ | — | X | X | X | X | — | — | — | — | — |
| Alarm Switch | X△ | — | X | X | X | X | — | — | — | — | — |
| Motor Operator | X | — | X | X | X | X | — | — | — | — | — |
| Handle Operators | — | — | X | X | X | X | — | — | — | — | — |
| Mechanical Interlocks (3P) | — | — | X | X | X | X | X | X | X | X | X |
| Handle Padlock Attachment | X | X | X | X | X | X | X | X | X | X | X |
| Cylinder Lock (3P△) | — | — | — | — | — | — | — | — | — | — | — |
| Optional GF Protection▼ | X | — | — | — | — | — | — | — | — | — | — |
| Trip System Type | | | | | | | | | | | |
| Thermal-magnetic | X | X | X | X | X | X | X | X | X | X | X |
| Instantaneous-only (MCP) | — | — | — | X□ | X□ | — | — | — | — | — | — |
| Molded Case Switch (Automatic) | — | — | X | X | X | X | X | X | — | — | — |
| Electronic | — | — | — | — | — | — | — | — | — | — | — |
| Enclosures (Pages 7-56–7-58) | | | | | | | | | | | |
| General Purpose (NEMA 1) | X | — | X | X | X | — | X | X | X | X | X |
| Raintight (NEMA 3R) | X | — | X | X | X | — | X | X | X | X | X |
| Dust-tight (NEMA 12) | X | — | X | X | X | — | — | — | — | — | — |
| Watertight (NEMA 4, 4X, 5) | X | — | X | X | X | — | — | — | — | — | — |
| Explosion Proof (NEMA 7, 9) | — | — | — | — | — | — | — | — | — | — | — |
| Dimensions (3P Unit Mount) in. (mm) | Height | 8 (203) | | 7.5 (191) | | | | 6.47 (164) | | | |
| | Width | 4.5 (114) | | 4.1 (104) | | | | 4.5 (114) | | | |
| | Depth | 4.75 (121) | | 3.4 (86) | | | | 3.93 (100) | | | |
| Pages (Unit Mount)/(I-Line) | Pages 7-49/9-24 | | Pages 7-22, 7-23, 7-28, 7-33, 7-34/9-25 | | | | Pages 7-24/9-24 | | | | |

Note: All circuit breakers on this chart are UL Listed and CSA Certified unless otherwise noted.

- ▲ 2P in a 3P module
- I-Line Q-frame circuit breakers are available 70–225 A only. 250 A Q-frame unit-mount circuit breakers are limited to Cu conductors only.
- ◆ Ungrounded UPS systems only. See page 7-34. Special DC J-Frame only.
- ★ Dual UL and IEC ratings and CE markings on circuit breakers. For additional IEC ratings, see the Supplemental Digest.
- ▼ Requires factory-installed “G” shunt trip and 3P module.
- △ Factory-installed option only.
- 3P only.