

Product Details and Certifications

Cross Reference RA Part Number: **PN-248769**

➔ Product: **140G-J6C3-C50**

Description: 140G - Molded Case Circuit Breaker, J frame, 65 kA, T/M - Thermal Magnetic, Rated Current 50 A



Representative Photo Only (actual product may vary based on configuration selections)

SYSTEM DATA

| | |
|----------------------|-------------------------------|
| Supply Voltage | 480V 50/60Hz / 600V 50/60 Hz |
| Interrupt Rating[kA] | 65 kA at 480V / 25 kA at 600V |

CIRCUIT BREAKER DATA

| | |
|------------------|--|
| Bulletin Number | 140G - Molded Case Circuit Breaker |
| Number of Poles | 3 Poles |
| Frame Size | J frame |
| Rated Current(A) | 50 A |
| Protection | T/M - Fixed Thermal / Fixed Magnetic TMF |

MANUFACTURING

| | |
|----------|-------------------|
| Assembly | Factory Assembled |
|----------|-------------------|

INTERNAL ACCESSORIES

| | |
|---|-----|
| Auxiliaries(AX), Alarm (AL), Auxiliary/Alarm Combination (AX/AL), Right Side Mounting | N/A |
| Voltage for Aux Alarm Combination | N/A |



| Frame Reference | G-Frame | H-Frame | I-Frame | J-Frame | K-Frame | M-Frame | N-Frame | NS-Frame | R-Frame |
|---|-----------|--------------------|---------|----------------|-----------------|-------------|------------|------------|---------|
| Rated Current I_n | 125 A | 125 A | 225 A | 250 A | 400 A | 800 A | 1200 A | 1200 A | 3000 A |
| No. of Poles | 3, 4 | 3, 4 | 3, 4 | 3, 4 | 3, 4 | 3, 4 | 3, 4 | 3, 4 | 3, 4 |
| Interrupting Rating [kA] | | | | | | | | | |
| 240V | 50 65 100 | 65 100 150 200 200 | 50 65 | 65 100 150 200 | 100 150 200 200 | 100 200 200 | 65 100 150 | 65 100 150 | 125 |
| 480V | 25 35 65 | 25 35 65 100 150 | 25 35 | 25 35 65 100 | 35 65 100 150 | 50 65 100 | 50 65 100 | 50 65 100 | 125 |
| 600Y/347V | 10 14 25 | — | 10 10 | — | — | — | — | — | — |
| 600V | — | 14 18 25 35 | 10 10 | 14 18 25 35 | 25 35 65 100 | 25 35 42 | 25 50 65 | 25 50 65 | 100 |
| Breaking Capacity [I_{cu} (kA)] | | | | | | | | | |
| 220...240V | 65 85 100 | 65 85 100 150 200 | 65 85 | 65 85 100 150 | 85 100 200 200 | 85 100 200 | 85 100 200 | 85 100 200 | 130 |
| 415V | 36 50 70 | 36 50 70 120 150 | 36 50 | 36 50 70 120 | 50 70 120 200 | 36 70 100 | 50 70 120 | 50 70 120 | 80 |
| 440V | 36 50 65 | 36 50 65 100 150 | 25 40 | 36 50 65 100 | 40 65 100 180 | 35 50 65 | 50 65 100 | 50 65 100 | 80 |
| 690V | 6 8 10 | 10 12 15 18 20 | 5 8 | 10 12 15 20 | 25 40 70 80 | 22 25 30 | 30 42 50 | 30 42 50 | 40 |
| 250V DC | 36 50 70 | 36 50 70 85 100 | 36 50 | 36 50 70 85 | — | 36 50 65 | — | — | — |
| 500V DC | 36 50 70 | 36 50 70 85 100 | 36 50 | 36 50 70 85 | 36 50 70 100 | — | — | — | — |
| 750V DC | — | — | — | — | 25 36 70 70 | 16 36 50 | — | — | — |
| Protection Type | | | | | | | | | |
| Thermal Magnetic | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — |
| Electronic | — | ✓ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Molded Case Switch | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Internal Accessories | | | | | | | | | |
| Auxiliary Contact | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Alarm Contact | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| AX/AL Combo | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Trip Unit Contact | — | ✓ | — | ✓ | — | — | ✓ | ✓ | ✓ |
| Shunt Trip | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Shunt Close | — | — | — | — | — | — | ✓ | ✓ | ✓ |
| UV Relay | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Field Installable | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| External Accessories | | | | | | | | | |
| End Cap | STD | STD | STD | STD | STD | STD | STD | STD | — |
| 25 mm Phase Barriers | STD | STD | STD | STD | STD | — | — | — | — |
| Insulators | STD | STD | STD | STD | STD | STD | — | — | — |
| Terminal Lugs | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Extended Terminal | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| Spreader Terminal | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rear Terminal | — | — | — | — | — | — | ✓ | ✓ | ✓ |
| Phase barriers | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Terminal Cover | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| Direct Rotary | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — |
| Variable Depth (Door) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — |
| Internal NFPA 79 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — |
| Flange Operator | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — |
| Flange Cable | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — |
| Motor Operator | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ |
| Field Installable | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Molded Case Circuit Breakers

Catalog Number Explanation — 250 A, J-Frame

Complete Circuit Breaker Assemblies — 250 A, J-Frame

Examples given in this section are not intended to be used for product selection. Use ProposalWorks to configure the molded case circuit breaker. Use these configurations only to select all factory-installed options for shunt trips, undervoltage release units, auxiliary contacts, trip units, and alarm contacts. Use the codes from Table g to add on to the molded case circuit breaker cat. no. selected on the previous pages to form a complete cat. no. for a complete assembly with factory-installed options.



140G - J/6 C 3 - C50

a b c d e f g

| a | | d | | g | |
|--------------|------------------------------------|-----------------|---|---|--|
| Bulletin No. | | Protection Type | | Factory-Installed Internal Options ♦ | |
| Code | Description | Code | Description | Code | Description |
| 140G | Global Molded Case Circuit Breaker | C | Fixed thermal/ fixed magnetic | Shunt Trip and Undervoltage Release Units | |
| | | E | Adjust thermal/ fixed magnetic | SJ | Shunt Trip, 24...30V AC/DC |
| | | F | Adjust thermal/ adjust magnetic | SK | Shunt Trip, 48...60V AC/DC |
| | | H | Electronic LSI-long, short, instant | SD | Shunt Trip, 110...127V AC; 110...125V DC |
| | | I | Electronic LSI -long, short, instant & ground fault | SA | Shunt Trip, 220...240V AC; 220...250V DC |
| | | X | Breaker frame | SB | Shunt Trip, 380...440V AC |
| | | S | Molded case switch (isolator) | SC | Shunt Trip, 480...525V AC |
| | | | | UJ | Undervoltage Release, 24...30V AC/DC |
| | | | | UR | Undervoltage Release, 48V AC/DC |
| | | | | UD | Undervoltage Release, 110...127V AC; 110...125V DC |
| | | | | UA | Undervoltage Release, 220...240V AC; 220...250V DC |
| | | | | UB | Undervoltage Release, 380...440V AC |
| | | | | UC | Undervoltage Release, 480...525V AC |
| | | | | No Digit | No Selection |
| | | | | Auxiliary and Alarm Contacts, Trip Units | |
| | | | | KA | 1 Aux. Contact, 250V |
| | | | | TA | 1 Alarm Contact, 250V |
| | | | | AA | 1 Aux., 1 Alarm Contact, 250V |
| | | | | BA | 2 Aux., 1 Alarm Contact, 250V |
| | | | | DA | 1 Trip Unit Alarm Contact, 250V |
| | | | | FB | 2 Aux. Contacts, 400V |
| | | | | AB | 1 Aux., 1 Alarm Contact, 400V |
| | | | | AJ | 1 Aux., 1 Alarm Contact, 24V |
| | | | | DJ | 1 Trip Unit Alarm Contact, 24V |

| b | | e | |
|--------------|-------------|-------|-------------|
| Frame/Rating | | Poles | |
| Code | Description | Code | Description |
| J | 250 A | 3 | 3 poles |
| | | 4 | 4 poles |

| c | | f | |
|---|-------------|---------------|-------------------|
| Interrupting Rating/Breaking Capacity (based on I _c at 480V) | | Current Range | |
| Code | Description | Code | Description |
| 2 | 25 kA | C | e.g., C30 = 30 A |
| 3 | 35 kA | D | e.g., D16 = 160 A |
| 6 | 65 kA | Blank | Frame only |
| 0 | 100 kA | | |
| T | Trip unit | | |

♦ Select up to two internal options: 1 for left side mounting, 1 for right. Consult your local Rockwell automation sales office or Allen-Bradley distributor for further assistance.

Molded Case Circuit Breakers

Product Selection — 250 A, J-Frame

Assembled Molded Case Circuit Breakers — 250 A J-Frame Interrupting Rating/Breaking Capacity — Thermal-Magnetic Circuit Breakers

| Interrupting Rating (50/60 Hz), UL 489/CSA C22.2-5, No. 5-02 [kA] | | | Breaking Capacity (50/60 Hz), IEC 60947-2 | | | | | | | | Breaking Capacity (DC), IEC 60947-2 § | | | | Interrupting Code† |
|---|------|------|---|---------------------------|---------------|---------------------------|---------------|---------------------------|---------------|---------------------------|--|---------------------------|-------------------------------|---------------------------|-----------------------|
| 240V | 480V | 600V | 220V★ | | 415V | | 440V★ | | 690V | | 250V DC (2-pole in series) | | 500V DC (3-pole in series) | | |
| | | | I_{cu} [kA] | I_{cs} [% I_{cu}] | I_{cu} [kA] | I_{cs} [% I_{cu}] | I_{cu} [kA] | I_{cs} [% I_{cu}] | I_{cu} [kA] | I_{cs} [% I_{cu}] | I_{cu} [kA] | I_{cs} [% I_{cu}] | I_{cu} [kA] | I_{cs} [% I_{cu}] | |
| 65 | 25 | 14 | 65 | 100 | 36 | 100 | 36 | 100 | 10 | 100 | 36 | 100 | 36 | 100 | J2 |
| 100 | 35 | 18 | 85 | 100 | 50 | 100 | 50 | 100 | 12 | 100 | 50 | 100 | 50 | 100 | J3 |
| 150 | 65 | 25 | 100 | 100 | 70 | 100 | 65 | 100 | 15 | 100 | 70 | 100 | 70 | 100 | J6 |
| 200 | 100 | 35 | 150 | 100 | 120 | 100 | 100 | 100 | 20 | 100 | 85 | 100 | 85 | 100 | J0 |

★ These ratings have not been tested for the CCC listing.

† See table below for Cat. No. selection

§ DC rating is applicable for thermal-magnetic trip unit only.

Thermal-Magnetic, Fixed & Adjustable

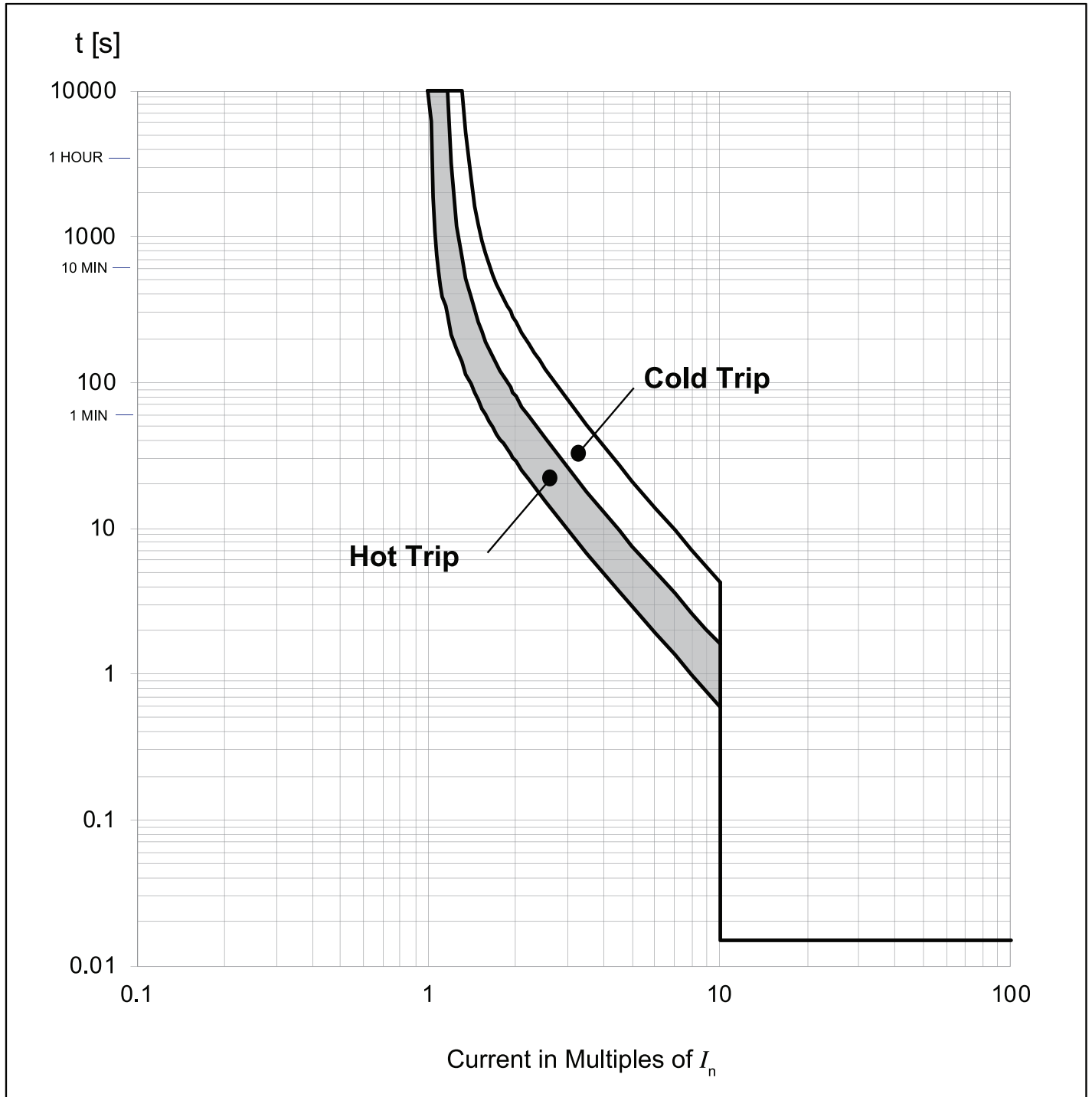
| Rated Current I_n [A] | Thermal Trip [A] $I_r = I_n$ (Fixed) | Magnetic Trip [A] I_m | Interrupting Code J2 | | Interrupting Code J3 | |
|-------------------------------|---|----------------------------|----------------------|---------------|----------------------|---------------|
| | | | Cat. No. | | Cat. No. | |
| | | | 3 Poles | 4 Poles | 3 Poles | 4 Poles |
| 25 | 25 | 400 | 140G-J2C3-C25 | 140G-J2C4-C25 | 140G-J3C3-C25 | 140G-J3C4-C25 |
| 30 | 30 | 400 | 140G-J2C3-C30 | 140G-J2C4-C30 | 140G-J3C3-C30 | 140G-J3C4-C30 |
| 32 | 32 | 400 | 140G-J2C3-C32 | 140G-J2C4-C32 | 140G-J3C3-C32 | 140G-J3C4-C32 |
| 35 | 35 | 400 | 140G-J2C3-C35 | 140G-J2C4-C35 | 140G-J3C3-C35 | 140G-J3C4-C35 |
| 40 | 40 | 400 | 140G-J2C3-C40 | 140G-J2C4-C40 | 140G-J3C3-C40 | 140G-J3C4-C40 |
| 50 | 50 | 500 | 140G-J2C3-C50 | 140G-J2C4-C50 | 140G-J3C3-C50 | 140G-J3C4-C50 |
| 60 | 60 | 600 | 140G-J2C3-C60 | 140G-J2C4-C60 | 140G-J3C3-C60 | 140G-J3C4-C60 |
| 63 | 63 | 630 | 140G-J2C3-C63 | 140G-J2C4-C63 | 140G-J3C3-C63 | 140G-J3C4-C63 |
| 70 | 70 | 700 | 140G-J2C3-C70 | 140G-J2C4-C70 | 140G-J3C3-C70 | 140G-J3C4-C70 |
| 80 | 56...80 | 400...800 | 140G-J2F3-C80 | 140G-J2F4-C80 | 140G-J3F3-C80 | 140G-J3F4-C80 |
| 90 | 63...90 | 450...900 | 140G-J2F3-C90 | 140G-J2F4-C90 | 140G-J3F3-C90 | 140G-J3F4-C90 |
| 100 | 70...100 | 500...1000 | 140G-J2F3-D10 | 140G-J2F4-D10 | 140G-J3F3-D10 | 140G-J3F4-D10 |
| 110 | 77...110 | 550...1100 | 140G-J2F3-D11 | 140G-J2F4-D11 | 140G-J3F3-D11 | 140G-J3F4-D11 |
| 125 | 87.5...125 | 625...1250 | 140G-J2F3-D12 | 140G-J2F4-D12 | 140G-J3F3-D12 | 140G-J3F4-D12 |
| 150 | 105...150 | 750...1500 | 140G-J2F3-D15 | 140G-J2F4-D15 | 140G-J3F3-D15 | 140G-J3F4-D15 |
| 160 | 112...160 | 800...1600 | 140G-J2F3-D16 | 140G-J2F4-D16 | 140G-J3F3-D16 | 140G-J3F4-D16 |
| 175 | 122.5...175 | 875...1750 | 140G-J2F3-D17 | 140G-J2F4-D17 | 140G-J3F3-D17 | 140G-J3F4-D17 |
| 200 | 140...200 | 1000...2000 | 140G-J2F3-D20 | 140G-J2F4-D20 | 140G-J3F3-D20 | 140G-J3F4-D20 |
| 225 | 157.5...225 | 1125...2250 | 140G-J2F3-D22 | 140G-J2F4-D22 | 140G-J3F3-D22 | 140G-J3F4-D22 |
| 250 | 175...250 | 1250...2500 | 140G-J2F3-D25 | 140G-J2F4-D25 | 140G-J3F3-D25 | 140G-J3F4-D25 |

| Rated Current I_n [A] | Thermal Trip [A] $I_r = I_n$ (Fixed) | Magnetic Trip [A] I_m | Interrupting Code J6 | | Interrupting Code J0 | |
|-------------------------------|---|----------------------------|----------------------|---------------|----------------------|---------------|
| | | | Cat. No. | | Cat. No. | |
| | | | 3 Poles | 4 Poles | 3 Poles | 4 Poles |
| 25 | 25 | 400 | 140G-J6C3-C25 | 140G-J6C4-C25 | 140G-J0C3-C25 | 140G-J0C4-C25 |
| 30 | 30 | 400 | 140G-J6C3-C30 | 140G-J6C4-C30 | 140G-J0C3-C30 | 140G-J0C4-C30 |
| 32 | 32 | 400 | 140G-J6C3-C32 | 140G-J6C4-C32 | 140G-J0C3-C32 | 140G-J0C4-C32 |
| 35 | 35 | 400 | 140G-J6C3-C35 | 140G-J6C4-C35 | 140G-J0C3-C35 | 140G-J0C4-C35 |
| 40 | 40 | 400 | 140G-J6C3-C40 | 140G-J6C4-C40 | 140G-J0C3-C40 | 140G-J0C4-C40 |
| 50 | 50 | 500 | 140G-J6C3-C50 | 140G-J6C4-C50 | 140G-J0C3-C50 | 140G-J0C4-C50 |
| 60 | 60 | 600 | 140G-J6C3-C60 | 140G-J6C4-C60 | 140G-J0C3-C60 | 140G-J0C4-C60 |
| 63 | 63 | 630 | 140G-J6C3-C63 | 140G-J6C4-C63 | 140G-J0C3-C63 | 140G-J0C4-C63 |
| 70 | 70 | 700 | 140G-J6C3-C70 | 140G-J6C4-C70 | 140G-J0C3-C70 | 140G-J0C4-C70 |
| 80 | 56...80 | 400...800 | 140G-J6F3-C80 | 140G-J6F4-C80 | 140G-J0F3-C80 | 140G-J0F4-C80 |
| 90 | 63...90 | 450...900 | 140G-J6F3-C90 | 140G-J6F4-C90 | 140G-J0F3-C90 | 140G-J0F4-C90 |
| 100 | 70...100 | 500...1000 | 140G-J6F3-D10 | 140G-J6F4-D10 | 140G-J0F3-D10 | 140G-J0F4-D10 |
| 110 | 77...110 | 550...1100 | 140G-J6F3-D11 | 140G-J6F4-D11 | 140G-J0F3-D11 | 140G-J0F4-D11 |
| 125 | 87.5...125 | 625...1250 | 140G-J6F3-D12 | 140G-J6F4-D12 | 140G-J0F3-D12 | 140G-J0F4-D12 |
| 150 | 105...150 | 750...1500 | 140G-J6F3-D15 | 140G-J6F4-D15 | 140G-J0F3-D15 | 140G-J0F4-D15 |
| 160 | 112...160 | 800...1600 | 140G-J6F3-D16 | 140G-J6F4-D16 | 140G-J0F3-D16 | 140G-J0F4-D16 |
| 175 | 122.5...175 | 875...1750 | 140G-J6F3-D17 | 140G-J6F4-D17 | 140G-J0F3-D17 | 140G-J0F4-D17 |
| 200 | 140...200 | 1000...2000 | 140G-J6F3-D20 | 140G-J6F4-D20 | 140G-J0F3-D20 | 140G-J0F4-D20 |
| 225 | 157.5...225 | 1125...2250 | 140G-J6F3-D22 | 140G-J6F4-D22 | 140G-J0F3-D22 | 140G-J0F4-D22 |
| 250 | 175...250 | 1250...2500 | 140G-J6F3-D25 | 140G-J6F4-D25 | 140G-J0F3-D25 | 140G-J0F4-D25 |

Bulletin 140G
Molded Case Circuit Breakers
 Specifications — I- and J-Frame

| | | I-Frame | | | J-Frame ‡ | | |
|--|-----------|------------------------------|----------|------|------------------------------|------|------|
| Max. Rated Current | [A] | 225 | | | 250 | | |
| Rated insulation voltage, U_i , IEC | [V] | 800 | | | 1000 | | |
| NEMA, UL, CSA | | | | | | | |
| Interrupting Rating Code | | I2 | I3 | J2 | J3 | J6 | J0 |
| 240V AC, 50/60Hz | [kA] | 50 | 65 | 65 | 100 | 150 | 200 |
| 480V AC, 50/60Hz | [kA] | 25 | 35 | 25 | 35 | 65 | 100 |
| 600Y/347V AC, 50/60Hz | [kA] | 10 | 10 | — | — | — | — |
| 600V AC, 50/60 Hz | [kA] | — | — | 14 | 18 | 25 | 35 |
| IEC 60947-2 | | | | | | | |
| Rated ultimate short-circuit breaking capacity, I_{cu} | | | | | | | |
| 220/230/240V AC, 50/60Hz | [kA] | 50 | 85 | 65 | 85 | 100 | 150 |
| 380V AC, 50/60Hz | [kA] | 36 | 50 | 36 | 50 | 70 | 120 |
| 415V AC, 50/60Hz | [kA] | 36 | 50 | 36 | 50 | 70 | 120 |
| 440V AC, 50/60Hz | [kA] | 25 | 40 | 36 | 50 | 65 | 100 |
| 500V AC, 50/60Hz | [kA] | 20 | 30 | 30 | 36 | 50 | 60 |
| 525V AC, 50/60Hz | [kA] | 13 | 20 | 20 | 25 | 45 | 50 |
| 690V AC, 50/60Hz | [kA] | 5 | 6 | 10 | 12 | 15 | 20 |
| 250V DC, 2 Poles in Series | [kA] | 36 | 50 | 36 | 50 | 70 | 85 |
| 500V DC, 2 Poles in Series | [kA] | — | — | 36 | 50 | 70 | 85 |
| 500V DC, 3 Poles in Series | [kA] | 36 | 50 | 36 | 50 | 70 | 85 |
| 750V DC, 3 Poles in Series | [kA] | — | — | — | — | — | — |
| Rated service short-circuit breaking capacity, I_{cs} | | | | | | | |
| 220/230/240V AC, 50/60Hz | [kA] | 75% | 50% | 100% | 100% | 100% | 100% |
| 380V AC, 50/60Hz | [kA] | 75% | 50% (27) | 100% | 100% | 100% | 100% |
| 415V AC, 50/60Hz | [kA] | 75% | 50% (27) | 100% | 100% | 100% | 100% |
| 440V AC, 50/60Hz | [kA] | 75% | 50% | 100% | 100% | 100% | 100% |
| 500V AC, 50/60Hz | [kA] | 75% | 50% | 100% | 100% | 100% | 100% |
| 525V AC, 50/60Hz | [kA] | 75% | 50% | 100% | 100% | 100% | 100% |
| 690V AC, 50/60Hz | [kA] | 50% | 50% | 100% | 100% | 100% | 100% |
| 250V DC, 2 Poles in Series | [kA] | 100% | 75% | 100% | 100% | 100% | 100% |
| 500V DC, 2 Poles in Series | [kA] | — | — | 100% | 100% | 100% | 100% |
| 500V DC, 3 Poles in Series | [kA] | 100% | 75% | 100% | 100% | 100% | 100% |
| 750V DC, 3 Poles in Series | [kA] | — | — | — | — | — | — |
| Mechanical Life | [No. Ops] | 25 000 | | | 25 000 | | |
| | [Ops/hr] | 240 | | | 240 | | |
| Electrical Life @ 415V AC | [No. Ops] | 8000 | | | 8000 | | |
| | [Ops/hr] | 120 | | | 120 | | |
| Ambient Temp. w/out derating | °F [°C] | 104 °F [40 °C] | | | 104 °F [40 °C] | | |
| Storage Temperature | °F [°C] | -40...+176 °F [-40...+80 °C] | | | -40...+176 °F [-40...+80 °C] | | |
| Dimensions [Width/Depth/Height] | [mm] | 3 poles: 105x70x150 | | | 3 poles: 105x82.5x160 | | |
| | [mm] | 4 poles: 140x70x150 | | | 4 poles: 140x82.5x160 | | |

‡ Cannot be reverse fed above 600V



| Rated Current I_n [A] | Magnetic Trip I_m [A] |
|----------------------------|----------------------------|
| 60 | 600 |
| 63 | 630 |
| 70 | 700 |

Instantaneous (Magnetic) Trip tolerance: -20% / +30%