Assembled Molded Case Circuit Breakers — 125 A, G-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 I_{cu} [kA]/I_{cs} %								Breaking Capacity (DC), IEC 60947-2				
			220V★		415V		440V★		690V		250V DC (2-pole in series)		500V DC (3-pole in series)		
240V	480V	600Y/347V	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}]	Interrupting Code‡
50	25	10	65	75	36	100	36	50	6	75	36	100	36	100	G2
65	35	14	85	75	50	75	50	50	8	50	50	100	50	100	G3
100	65	25	100	75	70	50	65	50	10	50	70	75	70	75	G6

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

‡ See table below for Cat. No. selection

Thermal-Magnetic, Fixed Thermal-Fixed Magnetic

Rated Current I_n [A]	Thermal Trip [A] $I_r = I_n$ (Fixed)	Magnetic Trip [A] I_m	Interrupting Code G2 Cat. No.		Interrupting Code G3 Cat. No.		Interrupting Code G6 Cat. No.	
			3 Poles	4 Poles	3 Poles	4 Poles	3 Poles	4 Poles
15	15	500	140G-G2C3-C15	140G-G2C4-C15	140G-G3C3-C15	140G-G3C4-C15	140G-G6C3-C15	140G-G6C4-C15
16	16	500	140G-G2C3-C16	140G-G2C4-C16	140G-G3C3-C16	140G-G3C4-C16	140G-G6C3-C16	140G-G6C4-C16
20	20	500	140G-G2C3-C20	140G-G2C4-C20	140G-G3C3-C20	140G-G3C4-C20	140G-G6C3-C20	140G-G6C4-C20
25	25	500	140G-G2C3-C25	140G-G2C4-C25	140G-G3C3-C25	140G-G3C4-C25	140G-G6C3-C25	140G-G6C4-C25
30	30	500	140G-G2C3-C30	140G-G2C4-C30	140G-G3C3-C30	140G-G3C4-C30	140G-G6C3-C30	140G-G6C4-C30
32	32	500	140G-G2C3-C32	140G-G2C4-C32	140G-G3C3-C32	140G-G3C4-C32	140G-G6C3-C32	140G-G6C4-C32
35	35	500	140G-G2C3-C35	140G-G2C4-C35	140G-G3C3-C35	140G-G3C4-C35	140G-G6C3-C35	140G-G6C4-C35
40	40	500	140G-G2C3-C40	140G-G2C4-C40	140G-G3C3-C40	140G-G3C4-C40	140G-G6C3-C40	140G-G6C4-C40
45	45	500	140G-G2C3-C45	140G-G2C4-C45	140G-G3C3-C45	140G-G3C4-C45	140G-G6C3-C45	140G-G6C4-C45
50	50	500	140G-G2C3-C50	140G-G2C4-C50	140G-G3C3-C50	140G-G3C4-C50	140G-G6C3-C50	140G-G6C4-C50
60	60	600	140G-G2C3-C60	140G-G2C4-C60	140G-G3C3-C60	140G-G3C4-C60	140G-G6C3-C60	140G-G6C4-C60
63	63	630	140G-G2C3-C63	140G-G2C4-C63	140G-G3C3-C63	140G-G3C4-C63	140G-G6C3-C63	140G-G6C4-C63
70	70	700	140G-G2C3-C70	140G-G2C4-C70	140G-G3C3-C70	140G-G3C4-C70	140G-G6C3-C70	140G-G6C4-C70
80	80	800	140G-G2C3-C80	140G-G2C4-C80	140G-G3C3-C80	140G-G3C4-C80	140G-G6C3-C80	140G-G6C4-C80
90	90	900	140G-G2C3-C90	140G-G2C4-C90	140G-G3C3-C90	140G-G3C4-C90	140G-G6C3-C90	140G-G6C4-C90
100	100	1000	140G-G2C3-D10	140G-G2C4-D10	140G-G3C3-D10	140G-G3C4-D10	140G-G6C3-D10	140G-G6C4-D10
110	110	1100	140G-G2C3-D11	140G-G2C4-D11	140G-G3C3-D11	140G-G3C4-D11	140G-G6C3-D11	140G-G6C4-D11
125	125	1250	140G-G2C3-D12	140G-G2C4-D12	140G-G3C3-D12	140G-G3C4-D12	140G-G6C3-D12	140G-G6C4-D12
160★	‡	1600	140G-G2E3-D16	140G-G2E4-D16	140G-G3E3-D16	140G-G3E4-D16	140G-G6E3-D16	140G-G6E4-D16

★ IEC only.

‡ Adjustable thermal trip. 112 A min., 136 A med., 160 A max.

Molded Case Switch — UL489§

Rated Current I_n [A]	Magnetic Trip [A] I_m	Cat. No.	
		3 Poles	4 Poles
125	1250	140G-G6S3-D12	140G-G6S4-D12

§ Does not provide overcurrent protection; may open above 1250 A.

Cat. No. 140G-G6C3-D12

Molded Case Circuit Breakers

Catalog Number Explanation — 125 A, G-Frame

Complete Circuit Breaker Assemblies with Factory-Installed Options

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, 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	–	G	6	C	4	–	C70	–	SD	–	KA
a		*b*	*c*	*d*	*e*		*f*		*g*		

Cat. No. 140G-G6C3-D12

a

Bulletin No.	
Code	Description
140G	Global Molded Case Circuit Breaker

b

Frame/Rating	
Code	Description
G	125 A, Fixed

c

Interrupting Rating/Breaking Capacity (based on I_c at 480V)	
Code	Description
2	25 kA
3	35 kA
6	65 kA

d

Protection Type	
Code	Description
C	Fixed thermal/fixed magnetic
E	Adjust thermal/fixed magnetic
S	Molded case switch (Isolator)

e

Poles	
Code	Description
3	3 poles
4	4 poles

f

Current Range	
Code	Description
C	e.g., C30 = 30 A
D	e.g., D16 = 160 A

g

Factory-Installed Internal Options♦	
Shunt Trip and Undervoltage Release Units	
Code	Description
SJ	Shunt Trip, 24…30V AC/DC
SK	Shunt Trip, 48…60V AC/DC
SD	Shunt Trip, 110…127V AC; 110…125V DC
SA	Shunt Trip, 220…240V AC; 220…250V DC
SB	Shunt Trip, 380…440V AC
SC	Shunt Trip, 480…525V DC
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	
Code	Description
KA	1 Aux. Contact, 250V
TA	1 Alarm Contact, 250V
AA	1 Aux., 1 Alarm Contact, 250V
BA	2 Aux., 1 Alarm Contact, 250V
AJ	1 Aux., 1 Alarm Contact, 24V

♦ Select up to two internal options: 1 for left side mounting (shunt trip or undervoltage release), 1 for right (auxiliary or alarm contact). Consult your local Rockwell automation sales office or Allen-Bradley distributor for further assistance.

Cat. No. 140G-G6C3-D12

Bulletin 140G Molded Case Circuit Breakers

- 10..3000 A current range
- 3- & 4-pole devices
- Space-saving dimensions
- Thermal/Magnetic protection: 15..800 A
- Electronic protection: 10..3000 A
- Approved for global application: UL, CSA, CCC, and IEC performance interrupting/breaking capacity
- Wide range of mounting options
- Extensive range of factory- or field-installed accessories

The Bulletin 140G family of Molded Case Circuit Breakers (MCCBs) offers a wide range of features include thermal/magnetic and electronic protection devices, high interrupting/breaking capacities and a complete line of factory and field installed accessories. The Bulletin 140G MCCBs are ideal for use in line protection of control panels.

Table of Contents

Standards Compliance

IEC 60947-2
UL489
CSA22.2, No. 5

Certifications

CE Marked
CCC
CSA Certified
UL Listed

G-Frame

H-Frame

I-Frame

J-Frame

K-Frame

M-Frame

N-, NS-Frame

R-Frame

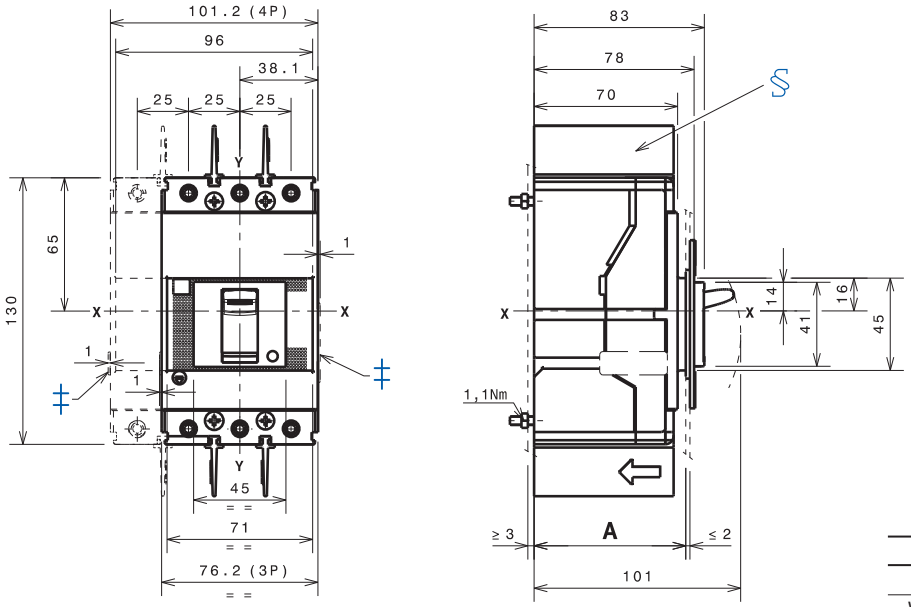
Frame Reference	G-Frame	H-Frame	I-Frame	J-Frame	K-Frame	M-Frame	N-Frame	NS-Frame	R-Frame
Rated Current I_n	125 A	125 A	225 A	250 A	400 A	800 A	1200 A	1200 A	3000 A
No. of Poles	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4
Interrupting Rating [kA]									
240V	50 65 100	65 100 150 200 200	50 65	65 100 150 200	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

Approximate Dimensions — 125 A, G-Frame

Dimensions are in millimeters. Dimensions are not intended to be used for manufacturing purposes.

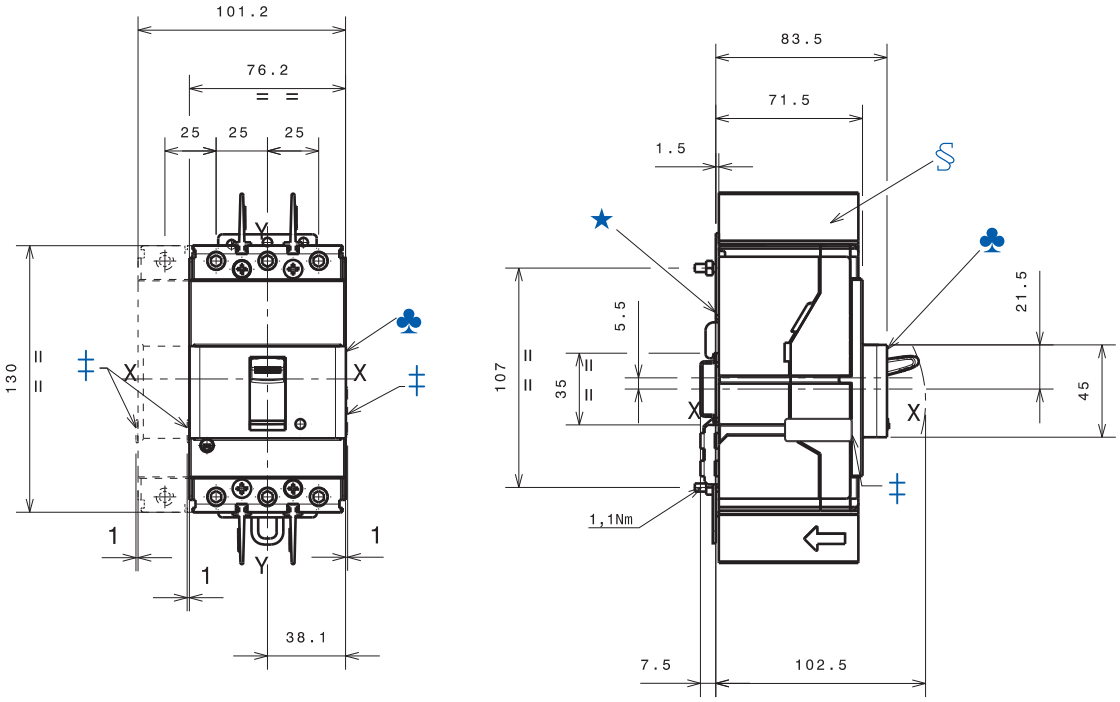
Panel Mounted Molded Case Circuit Breaker



Description	No. of Poles	A
With flange	3…4	74
Without flange	3…4	71
	3…4	79

‡ Overall dimensions of optional wiring ducts
§ Required 25 mm insulating phase barriers provided

DIN Rail Mounted Molded Case Circuit Breaker



★ Mounting bracket
‡ Overall dimensions of optional wiring ducts
§ Required 25 mm insulating phase barriers provided
♣ Optional front cover for DIN Rail

Molded Case Circuit Breakers

Specifications — G- and H-Frame

		G-Frame				H-Frame‡					
Max. Rated Current	[A]	125			160★	125					160★
Rated insulation voltage, U_i, IEC	[V]	800				1000					
NEMA, UL, CSA											
Interrupting Rating Code		G2	G3	G6	G2 G3 G6	H2	H3	H6	H0	H15	H2 H3 H6 H0 H15
240V AC, 50/60Hz	[kA]	50	65	100	50 65 100	65	100	150	200	200	65 100 150 200 200
480V AC, 50/60Hz	[kA]	25	35	65	25 35 65	25	35	65	100	150	25 35 65 100 150
600Y/347V AC, 50/60Hz	[kA]	10	14	25	10 14 25	—	—	—	—	—	—
600V AC, 50/60 Hz	[kA]	—	—	—	—	14	18	25	35	42	14 18 35 35 42
IEC 60947-2											
Rated ultimate short-circuit breaking capacity, I_{cu}											
220/230/240V AC, 50/60Hz	[kA]	65	85	100	65 85 100	65	85	100	150	200	65 85 100 150 200
380V AC, 50/60Hz	[kA]	36	50	70	36 60 70	36	50	70	120	150	26 50 70 120 150
415V AC, 50/60Hz	[kA]	36	50	70	36 50 70	36	50	70	120	150	36 50 70 120 150
440V AC, 50/60Hz	[kA]	36	50	65	36 50 65	36	50	65	100	150	36 50 65 100 150
500V AC, 50/60Hz	[kA]	30	36	50	36 50 65	30	36	50	60	70	30 36 50 60 70
525V AC, 50/60Hz	[kA]	22	35	35	22 35 35	20	25	30	36	50	20 25 30 36 50
690V AC, 50/60Hz	[kA]	6	8	10	6 8 10	10	12	15	18	20	10 12 15 18 20
250V DC, 2 Poles in Series	[kA]	36	50	70	36 50 70	36	50	70	85	100	36 50 70 85 100
500V DC, 2 Poles in Series	[kA]	—	—	—	—	—	—	—	—	—	—
500V DC, 3 Poles in Series	[kA]	36	50	70	36 50 70	36	50	70	85	100	36 50 70 85 100
750V DC, 3 Poles in Series	[kA]	—	—	—	—	—	—	—	—	—	—
Rated service short-circuit breaking capacity, I_{cs}											
220/230/240V AC, 50/60Hz	[kA]	75% (50)	75%	75%	75% 75% 75%	100%	100%	100%	100%	100%	100% 100% 100% 100% 100%
380V AC, 50/60Hz	[kA]	100%	100%	75%	100% 100% 75%	100%	100% 100%	100%	100%	100%	100% 100% 100% 100% 100%
415V AC, 50/60Hz	[kA]	100%	75%	50%	100% 75% 50%	100%	100%	100%	100%	100%	100% 100% 100% 100% 100%
440V AC, 50/60Hz	[kA]	50%	50%	50%	50% 50% 50%	100%	100%	100%	100%	100%	100% 100% 100% 100% 100%
500V AC, 50/60Hz	[kA]	50%	50%	50%	50% 50% 50%	100%	100%	100%	100%	100%	100% 100% 100% 100% 100%
525V AC, 50/60Hz	[kA]	50%	50%	50%	50% 50% 50%	100%	100%	100%	100%	100%	100% 100% 100% 100% 100%
690V AC, 50/60Hz	[kA]	75%	50%	50%	75 50 50%	100%	100%	100%	75%	75%	100% 100% 100% 75% 75%
250V DC, 2 Poles in Series	[kA]	100%	100%	75%	100% 100% 75%	100%	100%	100%	100%	100%	100% 100% 100% 100% 100%
500V DC, 2 Poles in Series	[kA]	—	—	—	—	—	—	—	—	—	—
500V DC, 3 Poles in Series	[kA]	100%	100%	75%	100% 100% 75%	100%	100%	100%	100%	100%	100% 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: 76.2x70x130				3 poles: 90x82.5x130					
	[mm]	4 poles: 101.6x70x130				4 poles: 120x82.5x130					

★ IEC version with a 160 A I_{cu} rating

‡ Cannot be reverse fed above 480V

		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

Molded Case Circuit Breakers

Specifications — K- and M-Frame

		K-Frame				M-Frame		
Max. Rated Current	[A]	400				800		
Rated insulation voltage, U_i, IEC	[V]	1000				1000		
NEMA, UL, CSA								
Interrupting Rating Code		K3	K6	K0	K15	K5	K6	K0
240V AC, 50/60Hz	[kA]	100	150	200	200	100	200	200
480V AC, 50/60Hz	[kA]	35	65	100	150	50	65	100
600Y/347V AC, 50/60Hz	[kA]	—	—	—	—	—	—	—
600V AC, 50/60 Hz	[kA]	25	35	65	100	25	35	42
IEC 60947-2								
Rated ultimate short-circuit breaking capacity, I_{cu}								
220/230/240V AC, 50/60Hz	[kA]	85	100	200	200	85	100	200
380V AC, 50/60Hz	[kA]	50	70	120	200	50	70	100
415V AC, 50/60Hz	[kA]	50	70	120	200	50	70	100
440V AC, 50/60Hz	[kA]	40	65	100	180	45	50	80
500V AC, 50/60Hz	[kA]	30	50	85	150	35	50	65
525V AC, 50/60Hz	[kA]	—	—	—	—	—	—	—
690V AC, 50/60Hz	[kA]	25	40	70	80	22	25	30
250V DC, 2 Poles in Series	[kA]	—	—	—	—	—	—	—
500V DC, 2 Poles in Series	[kA]	36	50	70	100	—	—	—
500V DC, 3 Poles in Series	[kA]	—	—	—	—	—	—	—
750V DC, 3 Poles in Series	[kA]	25	36	70	70	20	36	50
Rated service short-circuit breaking capacity, I_{cs}								
220/230/240V AC, 50/60Hz	[kA]	100%	100%	100%	100%	100%	100%	75%
380V AC, 50/60Hz	[kA]	100%	100%	100%	100%	100%	100%	75%
415V AC, 50/60Hz	[kA]	100%	100%	100%	100%	100%	100%	75%
440V AC, 50/60Hz	[kA]	100%	100%	100%	100%	100%	100%	75%
500V AC, 50/60Hz	[kA]	100%	100%	100%	100%	100%	100%	75%
525V AC, 50/60Hz	[kA]	—	—	—	—	—	—	—
690V AC, 50/60Hz	[kA]	100%	100%	100%	100%	75%	75%	75%
250V DC, 2 Poles in Series	[kA]	—	—	—	—	—	—	—
500V DC, 2 Poles in Series	[kA]	100%	100%	100%	100%	—	—	—
500V DC, 3 Poles in Series	[kA]	—	—	—	—	—	—	—
750V DC, 3 Poles in Series	[kA]	100%	100%	100%	100%	75%	75%	75%
Mechanical Life	[No. Ops]	20000				20000		
	[Ops/hr]	120				120		
Electrical Life @ 415V AC	[No. Ops]	7000 (400 A) - 5000 (630 A)				7000 (630 A) - 5000 (800 A) - 4000 (1000 A)		
	[Ops/hr]	60				60		
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: 140x108.5x205				3 poles: 210x103.5x268		
	[mm]	4 poles: 185x103.5x205				4 poles: 280x103.5x268		

		N-, NS-Frame			R-Frame
Max. Rated Current	[A]	1200			2000/2500/3000
Rated insulation voltage, U_i, IEC	[V]	1000			1000
NEMA, UL, CSA					
Interrupting Rating Code		N5	N6	N0	R12
240V AC, 50/60Hz	[kA]	65	100	150	125
480V AC, 50/60Hz	[kA]	50	65	100	125
600Y/347V AC, 50/60Hz	[kA]	—	—	—	—
600V AC, 50/60 Hz	[kA]	25	50	65	100
IEC 60947-2					
Rated ultimate short-circuit breaking capacity, I_{cu}					
220/230/240V AC, 50/60Hz	[kA]	85	100	200	130
380V AC, 50/60Hz	[kA]	50	70	120	80
415V AC, 50/60Hz	[kA]	50	70	120	80
440V AC, 50/60Hz	[kA]	50	65	100	80
500V AC, 50/60Hz	[kA]	40	50	85	40
525V AC, 50/60Hz	[kA]	—	—	—	—
690V AC, 50/60Hz	[kA]	30	42	50	40
250V DC, 2 Poles in Series	[kA]	—	—	—	—
500V DC, 2 Poles in Series	[kA]	—	—	—	—
500V DC, 3 Poles in Series	[kA]	—	—	—	—
750V DC, 3 Poles in Series	[kA]	—	—	—	—
Rated service short-circuit breaking capacity, I_{cs}					
220/230/240V AC, 50/60Hz	[kA]	100%	100%	100%	100%
380V AC, 50/60Hz	[kA]	100%	100%	100%	
415V AC, 50/60Hz	[kA]	100%	100%	100%	100%
440V AC, 50/60Hz	[kA]	100%	100%	100%	100%
500V AC, 50/60Hz	[kA]	100%	100%	75%	100%
525V AC, 50/60Hz	[kA]	—	—	—	—
690V AC, 50/60Hz	[kA]	100%	75%	75%	100%
250V DC, 2 Poles in Series	[kA]	—	—	—	—
500V DC, 2 Poles in Series	[kA]	—	—	—	—
500V DC, 3 Poles in Series	[kA]	—	—	—	—
750V DC, 3 Poles in Series	[kA]	—	—	—	—
Mechanical Life	[No. Ops]	10000			15000
	[Ops/hr]	60			60
Electrical Life @ 415V AC	[No. Ops]	2000			4500 (2000 A) - 4000 (2500 A) - 3000 (3200 A)
	[Ops/hr]	60			60
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: 210x154(N)/178(NS)x268			3 poles: 427x282x382
	[mm]	4 poles: 280x154(N)/178(NS)x268			4 poles: 553x282x382