

Technical Data and Specifications

Ratings

Frames EG, JG and LG

EG



JG



LG



Maximum rated current (amperes)		125, 160 ①								250						400, 630 ②						
Breaker type ③		B	B	E	S	S	H	H	C	E	S	H	C	U	X	E	S	H	C	U	X	
Number of poles		1	2, 3, 4	2, 3, 4	1	2, 3, 4	1	2, 3, 4	3, 4	2, 3, 4	2, 3, 4	2, 3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	
Breaker Capacity (kA rms) Vac 50–60 Hz																						
NEMA®, UL, CSA	240 Vac	25	25	35	85	85	100	100	200	65	85	100	200	200	200	65	85	100	200	200	200	
	480 Vac	—	18	25	—	35	—	65	100	25	35	65	100	150	200	35	50	65	100	150	200	
	600 Vac ④	—	—	18	—	22	—	25	35	18	18	25	35	50	50	18	25	35	50	65	65	
	125/250 Vdc ⑤	10 ⑥	10	10	35 ⑥	35	42 ⑥	42	42	10	22	22	42	50	50	22	22	42	42	50	50	
IEC 60947-2	220–240 Vac	<i>I_{CU}</i>	25	25	35	85	85	100	100	200	65	85	100	200	200	200	65	85	100	200	200	200
		<i>I_{CS}</i>	25	25	35	43	43	50	50	200	65	85	100	200	200	200	65	85	100	200	200	200
	380–415 Vac	<i>I_{CU}</i>	—	18	25	—	40	—	70	100	25	40	70	100	150	200	35	50	70	100	150	200
		<i>I_{CS}</i>	—	18	25	—	30	—	35	100	25	40	70	100	150	200	35	50	53	100	150	200
	660–690 Vac	<i>I_{CU}</i>	—	—	—	—	—	—	—	—	12	12	14	16	18	18	12	20	25	30	35	35
		<i>I_{CS}</i>	—	—	—	—	—	—	—	—	6	6	7	12	14	14	6	10	13	15	18	18
	125/250 Vdc ⑤	<i>I_{CU}</i>	10 ⑥	10	10	35 ⑥	35	42 ⑥	42	42	10	22	22	42	50	50	22	22	42	42	50	50
		<i>I_{CS}</i>	10 ⑥	10	10	35 ⑥	35	42 ⑥	42	42	10	22	22	42	50	50	22	22	42	42	50	50
Ampere range		15–160 A ①								20–250 A						100–630 A ②						
Trip Units		FT-FM								FT-AM						FT-AM						
F = Fixed		AT-FM								AT-AM						AT-AM						
A = Adjustable										Electronic (Digitrip RMS 310)						Electronic (Digitrip RMS 310)						
T = Thermal																						
M = Magnetic																						
Interchangeable		—	—	—	—	—	—	—	—	■	■	■	■	■	■	■	■	■	■	■	■	
Built-in		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Thermal magnetic	Fixed thermal	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Adjustable thermal	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Magnetic	Fixed								Adjustable						Adjustable						
Electronic RMS ⑦	LS	—	—	—	—	—	—	—	—	■	■	■	■	■	■	■	■	■	■	■	■	
	LSI	—	—	—	—	—	—	—	—	■	■	■	■	■	■	■	■	■	■	■	■	
	LSG	—	—	—	—	—	—	—	—	■	■	■	■	■	■	■	■	■	■	■	■	
	LSIG	—	—	—	—	—	—	—	—	■	■	■	■	■	■	■	■	■	■	■	■	
	ALSI	—	—	—	—	—	—	—	—	—	—	—	—	—	—	■	■	■	■	■	■	
	ALSIG	—	—	—	—	—	—	—	—	—	—	—	—	—	—	■	■	■	■	■	■	
Utilization category		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	

Notes

- ① 125 amperes is the maximum UL and CSA rating for the EG.
- ② 630 amperes is not a UL or CSA listed rating. 600 amperes is the maximum UL and CSA listed rating for the LG.
- ③ Breaker type C, U and X are current limiting per UL 489.
- ④ EG breaker rated 600/347 Vac.
- ⑤ Two poles in series.
- ⑥ 125 Vdc only for single-pole breakers.
- ⑦ Not suitable for DC application. Four-pole ground fault not available.

2.2

Molded Case Circuit Breakers

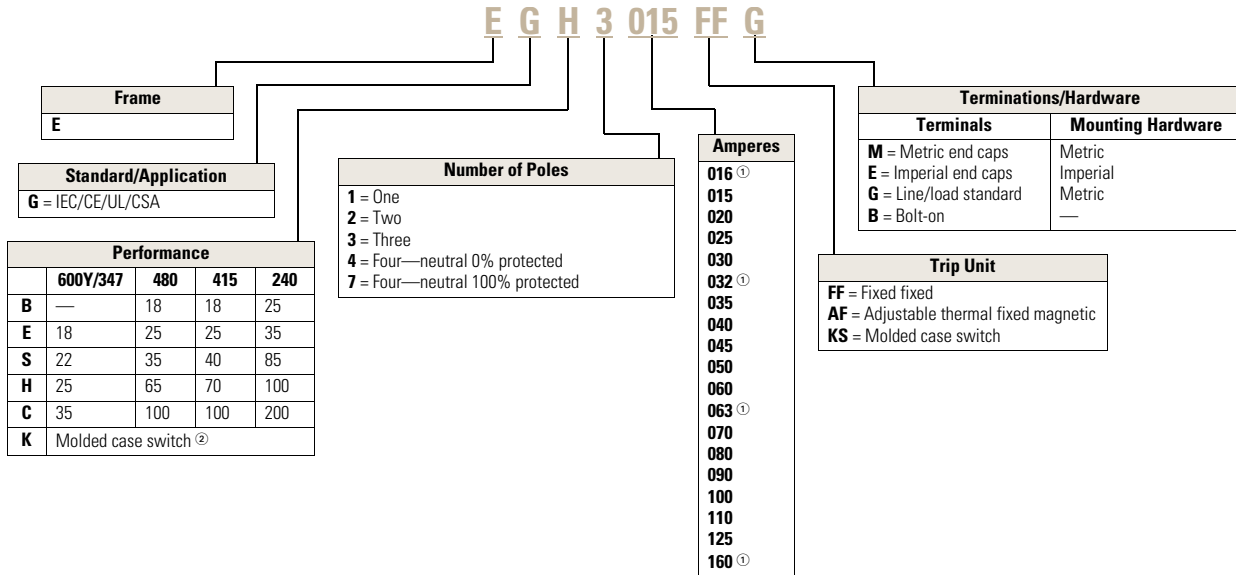
Series G

Catalog Number Selection

This information is presented only as an aid to understanding catalog numbers. It is not to be used to build catalog numbers for circuit breakers or trip units.

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Series G—EG-Frame (15–125 Amperes)



Notes

- ① Cannot be UL rated.
- ② Available only as 125 and 160 A sizes.

EG-Frame



EG-Frame—40/35

Maximum Continuous Amps at 40 °C ^①	Single-Pole	Two-Pole	Three-Pole	Adjustable Thermal, Fixed Magnetic ^② Catalog Number	Four-Pole ^③	Adjustable ^② Thermal, Fixed Magnetic Catalog Number
	Fixed Thermal, Fixed Magnetic Catalog Number	Fixed Thermal, Fixed Magnetic Catalog Number	Fixed Thermal, Fixed Magnetic Catalog Number		Fixed Thermal, Fixed Magnetic Catalog Number	
15	EGS1015FFG	EGS2015FFG	EGS3015FFG	—	EGS4015FFG	—
16	EGS1016FFG	EGS2016FFG	EGS3016FFG	—	EGS4016FFG	—
20	EGS1020FFG	EGS2020FFG	EGS3020FFG	—	EGS4020FFG	EGS4020AFG
25	EGS1025FFG	EGS2025FFG	EGS3025FFG	EGS3025AFG	EGS4025FFG	EGS4025AFG
30	EGS1030FFG	EGS2030FFG	EGS3030FFG	—	EGS4030FFG	—
32	EGS1032FFG	EGS2032FFG	EGS3032FFG	EGS3032AFG	EGS4032FFG	EGS4032AFG
35	EGS1035FFG	EGS2035FFG	EGS3035FFG	—	EGS4035FFG	—
40	EGS1040FFG	EGS2040FFG	EGS3040FFG	EGS3040AFG	EGS4040FFG	EGS4040AFG
45	EGS1045FFG	EGS2045FFG	EGS3045FFG	—	EGS4045FFG	—
50	EGS1050FFG	EGS2050FFG	EGS3050FFG	EGS3050AFG	EGS4050FFG	EGS4050AFG
60	EGS1060FFG	EGS2060FFG	EGS3060FFG	—	EGS4060FFG	—
63	EGS1063FFG	EGS2063FFG	EGS3063FFG	EGS3063AFG	EGS4063FFG	EGS4063AFG
70	EGS1070FFG	EGS2070FFG	EGS3070FFG	—	EGS4070FFG	—
80	EGS1080FFG	EGS2080FFG	EGS3080FFG	EGS3080AFG	EGS4080FFG	EGS4080AFG
90	EGS1090FFG	EGS2090FFG	EGS3090FFG	—	EGS4090FFG	—
100	EGS1100FFG	EGS2100FFG	EGS3100FFG	EGS3100AFG	EGS4100FFG	EGS4100AFG
125	EGS1125FFG	EGS2125FFG	EGS3125FFG	EGS3125AFG	EGS4125FFG	EGS4125AFG
160	—	—	EGS3160FFG	EGS3160AFG	EGS4160FFG	EGS4160AFG

Notes

- ^① 16, 32, 63 and 160 A are not UL listed ratings.
^② Adjustable thermal are not UL listed.
^③ Change the fourth digit to 7 for 100% neutral protection. Neutral is on the LH side.