

2.2

Molded Case Circuit Breakers

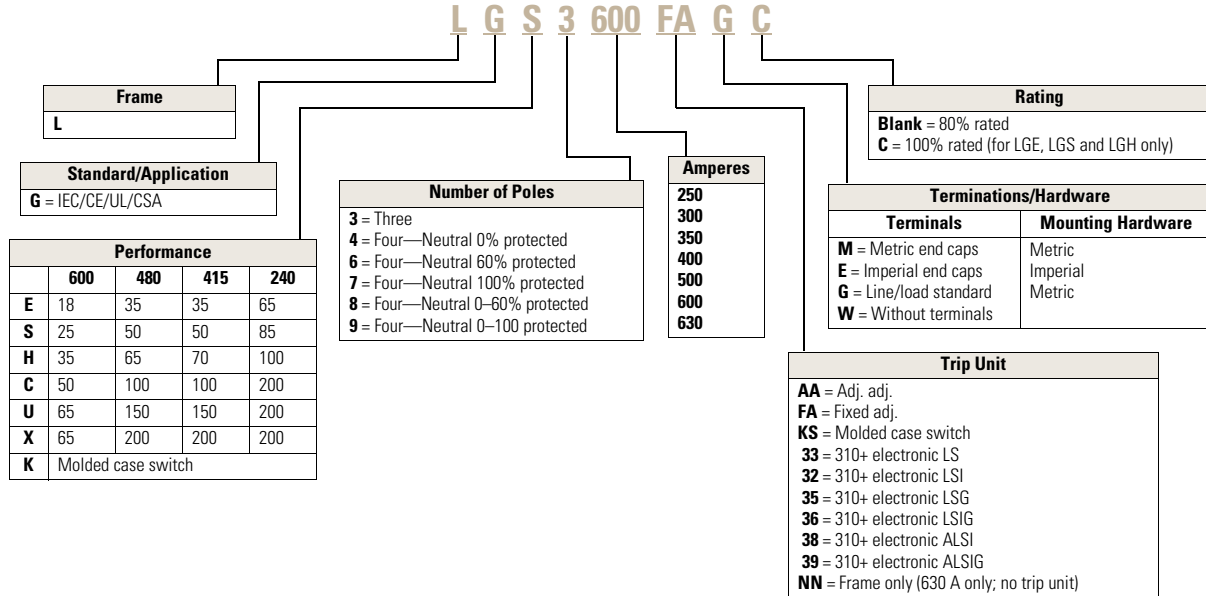
Series G

Catalog Number Selection

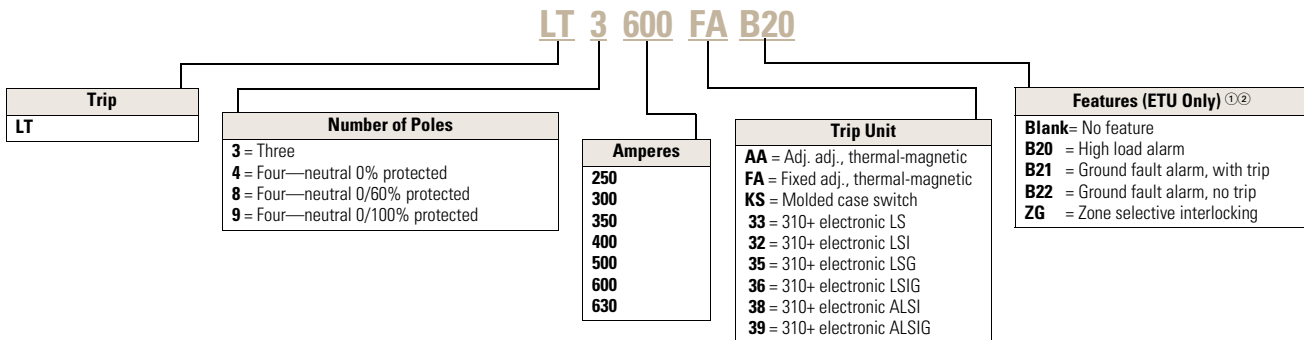
This information is presented only as an aid to understanding catalog numbers. It is not to be used to build catalog numbers for circuit breakers or trip units.

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Series G—LG-Frame (250–630 Amperes)



Trip Unit



Notes

- ① Bxx features cannot be combined with other Bxx features.
- ② B21 and B22 available with LSG and LSIG trip units.

Molded Case Switches ^①

Ampere Rating	Number of Poles	Catalog Number
400	3 ^②	LGK3400KSG
	4	LGK4400KSG
630 ^③	3 ^②	LGK3630KSG
	4	LGK4630KSG

Frame—IC Rating at 415/480 Volts

Maximum Amperes ^③	Three-Pole ^② Catalog Number	Four-Pole 0% Catalog Number
35/35		
630 ^③	LGE3630NN	LGE4630NN
	LGE3630NNWC	—
50/50		
630 ^③	LGS3630NN	LGS4630NN
	LGS3630NNWC	—
70/53		
630 ^③	LGH3630NN	LGH4630NN
	LGH3630NNWC	—
100/100 Current Limiting Per UL 489		
630	LGC3630NN	LGC4630NN
150/150 Current Limiting Per UL 489		
630	LGU3630NN	LGU4630NN
200/200 Current Limiting		
630	LGX3630NN	LGX4630NN

Thermal-Magnetic Trip Unit

Ampere Rating	Three-Pole ^② Fixed Thermal, Adjustable Magnetic Catalog Number	Adjustable Thermal, Adjustable Magnetic ^④ Catalog Number	Four-Pole (0%) ^⑤ Fixed Thermal, Adjustable Magnetic Catalog Number	Adjustable Thermal, Adjustable Magnetic ^④ Catalog Number
	250	LT3250FA	LT3250AA	LT4250FA
300	LT3300FA	—	LT4300FA	—
320	—	LT3320AA	—	LT4320AA
350	LT3350FA	—	LT4350FA	—
400	LT3400FA	LT3400AA	LT4400FA	LT4400AA
500	LT3500FA	LT3500AA	LT4500FA	LT4500AA
600	LT3600FA	—	LT4600FA	—
630	—	LT3630AA	—	LT4630AA

Notes

^① Molded case switches will trip above 6300 amperes.

^② For two-pole applications, use two outer poles.

^③ 630 amperes is not a UL or CSA listed rating. 600 amperes is the maximum UL and CSA rating for the LG.

^④ Adjustable thermal, adjustable magnetic trip units are typically used in IEC markets and are not UL or CSA listed.

^⑤ Neutral protection is indicated by the third character: 4 = 0%, 7 = 100%, 8 = adjustable 0–60% and 9 = 0–100%.

^⑥ 100% rated frame.

Dimensions and Weights

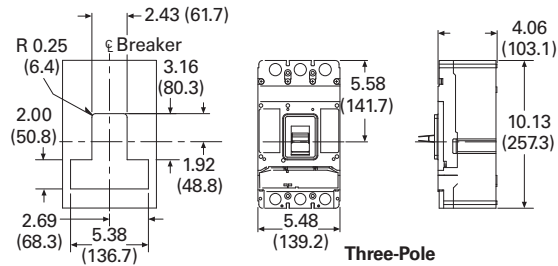
Approximate Dimensions in Inches (mm)

LG-Frame

Number of Poles	Width	Height	Depth
2, 3	5.48 (139.2)	10.13 (257.3)	4.09 (103.9)
4	7.22 (183.4)	10.13 (257.3)	4.09 (103.9)

LG-Frame

Note: TA631L, T631L, T632L, TA632L terminals add 1.19 inches (30.2 mm) to line or load side of LG. LTS3K or LTS4K terminal covers add 2.13 inches (54.1 mm) to line or load side of LG.



Approximate Shipping Weight in Lbs (kg)

LG-Frame

Breaker Type	Two- and Three-Pole	Four-Pole
LGE, LGS, LGH, LGC, LGU, LGX	16 (7.3)	20 (9.1)

Notes

- ① DC rating apply to substantially non-inductive circuits.
- ② Two-pole circuit breaker, or two poles of three-pole circuits.
- ③ Time constant is 3 milliseconds minimum at 10 kA and 8 milliseconds minimum at -kA.
- ④ Three-poles in series. 750 Vdc ratings available (four-pole in series, not UL listed). Contact Eaton.
- ⑤ IEC rating is 300 kA at 240 Vac.
- ⑥ Current limiting per UL 489.