

Digitrip 310+ Electronic Trip UnitsSee 310+ adjustability specifications on **Page V4-T2-200**.

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Ampere Rating	LS Catalog Number	LSI Catalog Number	LSG Catalog Number	LSIG Catalog Number	Neutral CT for LSG and LSIG ^① Catalog Number
Three-Pole					
250	LT325033	LT325032	LT325035	LT325036	LGFACT250
400	LT340033	LT340032	LT340035	LT340036	LGFACT400
600	LT360033	LT360032	LT360035	LT360036	LGFACT600
630 ^②	LT363033	LT363032	LT363035	LT363036	LGFACT600
Four-Pole ^{③④}					
250	LT425033	LT425032	LT425035	LT425036	—
400	LT440033	LT440032	LT440035	LT440036	—
600	LT460033	LT460032	LT460035	LT460036	—
630 ^②	LT463033	LT463032	LT463035	LT463036	—

310+ Electronic Trip Unit Accessories

Description	Catalog Number
Electronic portable test kit	MTST230V
Trip unit tamper protection wire seal	5108A03H01
External neutral sensor (630 A)	LGFACT630
External neutral sensor (600 A)	LGFACT600
External neutral sensor (400 A)	LGFACT400
External neutral sensor (250 A)	LGFACT250
Breaker-mount cause-of-trip indication	TRIP-LED
Breaker-mount ammeter module	DIGIVIEW
Remote-mount ammeter module	DIGIVIEWR06

Notes

- ① Required for four-wire systems if neutral protection is desired.
- 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 Neutral protection: 4 = 0%, 6 = 60%, 7 = 100%. Electronic trip unit neutral protection is not adjustable.
- ④ Four-pole LSG and LSIG trip units are only available with 0% neutral protection.

LG Electronic Breaker with Arcflash Reduction Maintenance System

See 310+ adjustability specifications on **Page V4-T2-200**.

Series G LG circuit breakers are available with the Arcflash Reduction Maintenance System™ integrated into the electronic trip units helping to improve safety by providing a

simple and reliable method to reduce fault clearing time. The Arcflash Reduction Maintenance System unit utilizes a separate analog trip circuit that provides faster

interruption times than the standard (digital) “instantaneous” protection. Work locations downstream of a circuit breaker with an Arcflash Reduction

Maintenance System unit can have a significantly lower incident energy level, reducing arc flash potential to the system.

LG with Arcflash Reduction Maintenance System**LG Electronic Breaker with Arcflash Reduction Maintenance System**

Ampere Rating	ALSI Catalog Number	ALSIG Catalog Number	Neutral CT for LSG and LSIG ① Catalog Number
IEC/UL/CSA 35 kAIC at 415 and 480 Vac			
250	LGE325038G	LGE365039G	LGFACT250
400	LGE340038G	LGE340039G	LGFACT400
600	LGE360038G	LGE360039G	LGFACT600
630	LGE363038G	LGE363039G	LGFACT600
IEC/UL/CSA 50 kAIC at 415 and 480 Vac			
250	LGS325038G	LGS365039G	LGFACT250
400	LGS340038G	LGS340039G	LGFACT400
600	LGS360038G	LGS360039G	LGFACT600
630	LGS363038G	LGS363039G	LGFACT600
IEC/UL/CSA 70 kAIC at 415 and 480 Vac			
250	LGH325038G	LGH365039G	LGFACT250
400	LGH340038G	LGH340039G	LGFACT400
600	LGH360038G	LGH360039G	LGFACT600
630	LGH363038G	LGH363039G	LGFACT600
IEC/UL/CSA 100 kAIC at 415 and 480 Vac, Current Limiting Per UL 489			
250	LGC325038G	LGC365039G	LGFACT250
400	LGC340038G	LGC340039G	LGFACT400
600	LGC360038G	LGC360039G	LGFACT600
630	LGC363038G	LGC363039G	LGFACT600
IEC/UL/CSA 150 kAIC at 415 and 480 Vac, Current Limiting Per UL 489			
250	LGU325038G	LGU365039G	LGFACT250
400	LGU340038G	LGU340039G	LGFACT400
600	LGU360038G	LGU360039G	LGFACT600
630	LGU363038G	LGU363039G	LGFACT600
IEC/UL/CSA 200 kAIC at 415 and 480 Vac, Current Limiting Per UL 489			
250	LGX325038G	LGX365039G	LGFACT250
400	LGX340038G	LGX340039G	LGFACT400
600	LGX360038G	LGX360039G	LGFACT600
630	LGX363038G	LGX363039G	LGFACT600

LG Electronic Trip Units with Arcflash Reduction Maintenance System

Ampere Rating	ALSI Catalog Number	ALSIG Catalog Number	Neutral CT for LSG and LSIG ① Catalog Number
250	LT325038	LT325039	LGFACT250
400	LT340038	LT340039	LGFACT400
600	LT360038	LT360039	LGFACT600
630	LT363038	LT363039	LGFACT600

Note

① Required for four-wire systems if neutral protection is required.

Type KDB with Digitrip 310+ Non-Interchangeable Trip Unit Suitable for Reverse FeedSee 310+ adjustability specifications on **Page V4-T2-320**.

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Factory Assembled Circuit Breaker Consisting of Frame and Trip Unit Less Terminals ^①							
Maximum Continuous Ampere Rating at 40 °C	Number of Poles	Standard LS	Optional LSI	LSG	LSIG	Neutral CT for LSG and LSIG ^{②③}	Terminal Information
		Adjustable Short Time Pickup with I ² t Short Delay Ramp	Independently Adjustable Short Time Pickup and Delay	Adjustable Short Time Pickup with I ² t Short Delay and Ground Fault Protection	Independently Adjustable Short Time Pickup and Ground Fault Protection		
		Catalog Number				Catalog Number	
125	3	KDB3125FT33W	KDB3125FT32W	KDB3125FT35W	KDB3125FT36W	LGFC125	See Page V4-T2-318
250	3	KDB3250FT33W	KDB3250FT32W	KDB3250FT35W	KDB3250FT36W	LGFC250	
400	3	KDB3400FT33W	KDB3400FT32W	KDB3400FT35W	KDB3400FT36W	LGFC400	

Type HKDB with Digitrip 310+ Non-Interchangeable Trip Unit Suitable for Reverse FeedSee 310+ adjustability specifications on **Page V4-T2-320**.

Factory Assembled Circuit Breaker Consisting of Frame and Trip Unit Less Terminals ^①							
Maximum Continuous Ampere Rating at 40 °C	Number of Poles	Standard LS	Optional LSI	LSG	LSIG	Neutral CT for LSG and LSIG ^{②③}	Terminal Information
		Adjustable Short Time Pickup with I ² t Short Delay Ramp	Independently Adjustable Short Time Pickup and Delay	Adjustable Short Time Pickup with I ² t Short Delay and Ground Fault Protection	Independently Adjustable Short Time Pickup and Ground Fault Protection		
		Catalog Number				Catalog Number	
125	3	HKDB3125FT33W	HKDB3125FT32W	HKDB3125FT35W	HKDB3125FT36W	LGFC125	See Page V4-T2-318
250	3	HKDB3250FT33W	HKDB3250FT32W	HKDB3250FT35W	HKDB3250FT36W	LGFC250	
400	3	HKDB3400FT33W	HKDB3400FT32W	HKDB3400FT35W	HKDB3400FT36W	LGFC400	

100% Rated Types CKD and CHKD Electronic Circuit Breakers

The NEC allows the breaker to be rated at 100% of its frame size in an assembly, provided that 90 °C wire is applied at the 75 °C ampacity. All 100% rated circuit breakers have electronic trip units.

100% Rated Types CKD and CHKD Electronic Circuit Breakers—Three-PoleSee 310+ adjustability specifications on **Page V4-T2-320**.

Maximum Continuous Ampere Rating at 40 °C	Circuit Breaker Frame Only		Digitrip RMS 310+ Trip Unit Only		Adjustable Short Time Pickup with I²t Short Delay and Ground Fault Protection	Independently Adjustable Short Time Pickup and Delay and Ground Fault Protection	Neutral CT for LSG and LSIG ^{②③}	Terminal Information
	Standard Interrupting Capacity	High Interrupting Capacity	Standard	Options				
35 kAIC at 480 Vac	65 kAIC at 480 Vac							
Catalog Number								
125	CKD3400F	CHKD3400F	KES3125LS	KES3125LSI	KES3125LSG	KES3125LSIG	LGFACT125	See Page V4-T2-317
250	CKD3400F	CHKD3400F	KES3250LS	KES3250LSI	KES3250LSG	KES3250LSIG	LGFACT250	
400	CKD3400F	CHKD3400F	KES3400LS	KES3400LSI	KES3400LSG	KES3400LSIG	LGFACT400	

Notes

- ① For AC use only.
- ② Required for four-wire systems if neutral protection is desired.
- ③ Included with LSG and LSIG trip units.