

Typical K-Frame Circuit Breaker



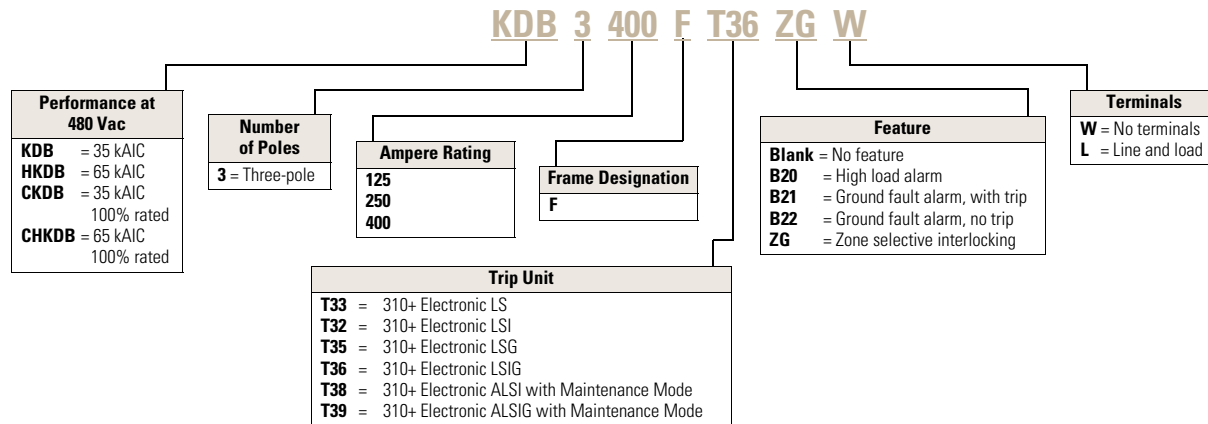
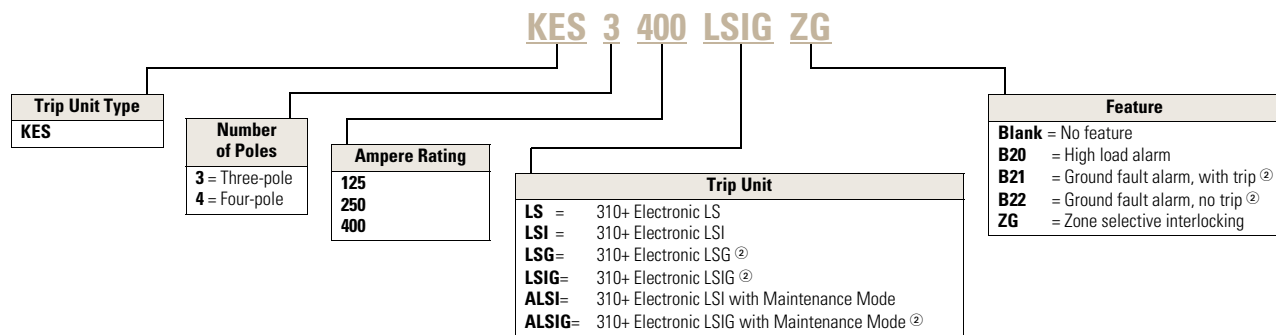
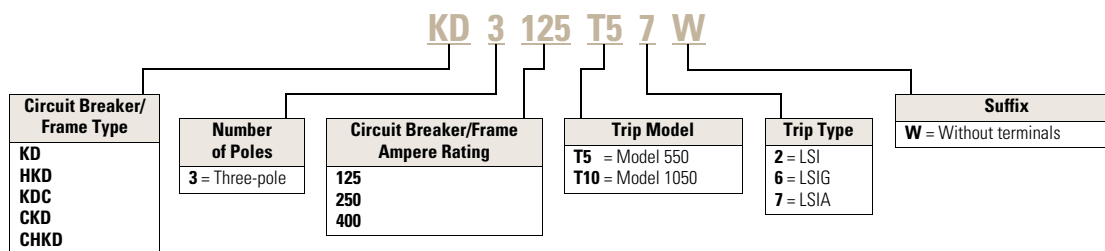
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K-Frame (70–400 Amperes)

Product Description

- All Eaton K-Frame circuit breakers are HACR rated
- K-Frame circuit breakers are available as individual components (frame, trip unit, terminals), or factory assembled complete breakers
- K-Frame circuit breakers with non-interchangeable trip units are suitable for reverse feed use

K-Frame with 310+ Electronic Trip Unit Technology ^①**310+ Circuit Breakers** ^②**310+ Electronic Trip Units** ^③**K-Frame with OPTIM Trip Unit Technology****OPTIM Circuit Breakers****Notes**

- ① Cannot combine 'B2X' suffixes with 'B2X' suffixes.
 ② Not available in four-pole configurations.
 ③ Frames are the same for thermal-magnetic or 310+ electronic trip units, e.g., **KD3400F**, **HKD3400F**, etc.

Type KDB with Digitrip 310+ Non-Interchangeable Trip Unit Suitable for Reverse FeedSee 310+ adjustability specifications on **Page V4-T2-182**.

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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-T2-180
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-T2-182**.

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-T2-180
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-T2-182**.

Maximum Continuous Ampere Rating at 40 °C	Circuit Breaker Frame Only		Digitrip RMS 310+ Trip Unit Only		Adjustable Short Time Pickup with I ² t 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	Adjustable Short Time Pickup with I ² t Short Delay Ramp	Independently Adjustable Short Time Pickup and Delay				
	Catalog Number						Catalog Number	
125	CKD3400F	CHKD3400F	KES3125LS	KES3125LSI	KES3125LSG	KES3125LSIG	LGFC125	See Page V4-T2-179
250	CKD3400F	CHKD3400F	KES3250LS	KES3250LSI	KES3250LSG	KES3250LSIG	LGFC250	
400	CKD3400F	CHKD3400F	KES3400LS	KES3400LSI	KES3400LSG	KES3400LSIG	LGFC400	

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.