

Typical K-Frame Circuit Breaker



**Contents**

<i>Description</i>	<i>Page</i>
Product Overview . . . . .	V4-T2-121
Standards and Certifications . . . . .	V4-T2-122
Quick Reference . . . . .	V4-T2-123
G-Frame (15–100 Amperes) . . . . .	V4-T2-126
F-Frame (10–225 Amperes) . . . . .	V4-T2-140
J-Frame (70–250 Amperes) . . . . .	V4-T2-157
K-Frame (70–400 Amperes)	
Catalog Number Selection . . . . .	V4-T2-166
Product Selection . . . . .	V4-T2-167
Accessories . . . . .	V4-T2-187
Technical Data and Specifications . . . . .	V4-T2-188
Dimensions and Weights . . . . .	V4-T2-191
L-Frame (125–600 Amperes) . . . . .	V4-T2-192
M-Frame (300–800 Amperes) . . . . .	V4-T2-218
N-Frame (400–1200 Amperes) . . . . .	V4-T2-229
R-Frame (800–2500 Amperes) . . . . .	V4-T2-244
Motor Circuit Protectors (MCP) . . . . .	V4-T2-263
Motor Protection Circuit Breakers (MPCB) . . . . .	V4-T2-274
Type ELC Current Limiter Attachment (Size 0–4) . . . . .	V4-T2-276
Current Limiting Circuit Breaker Module . . . . .	V4-T2-277
Internal Accessories . . . . .	V4-T2-281
External Accessories . . . . .	V4-T2-312

**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

# 2.3

## Molded Case Circuit Breakers

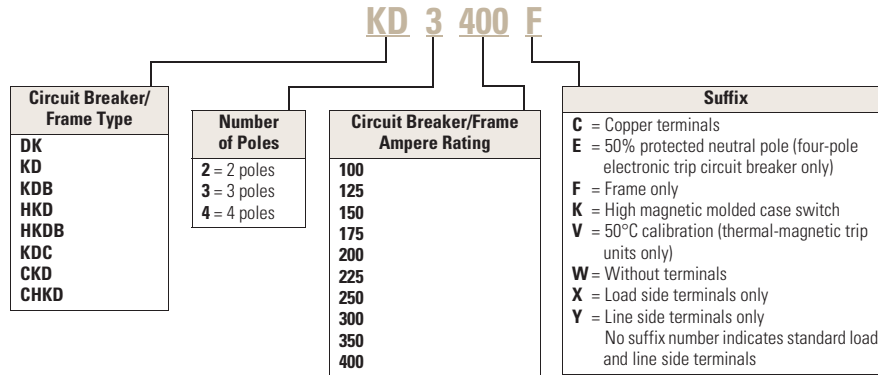
Series C

2

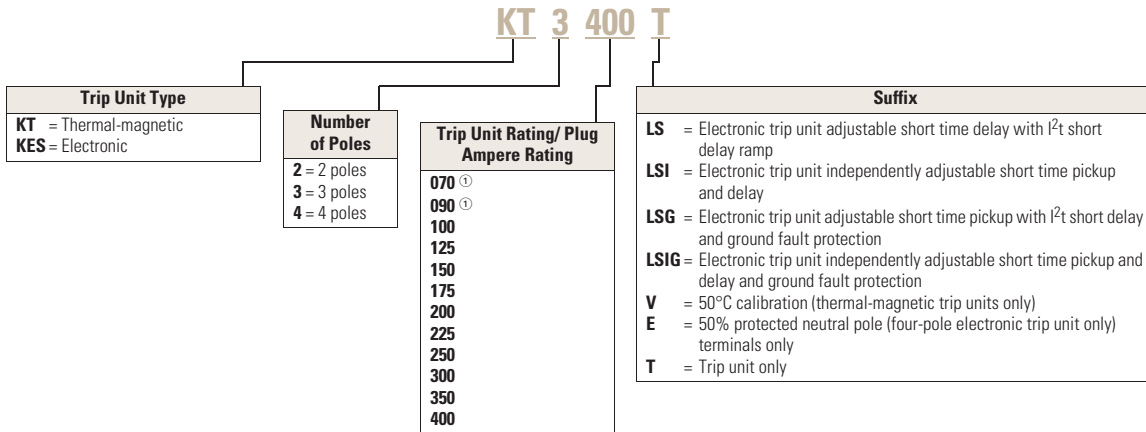
### Catalog Number Selection

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.

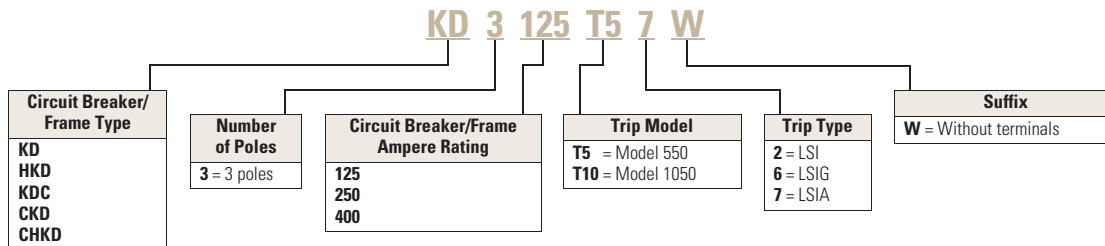
#### Circuit Breaker/Frame



#### Trip Unit



#### OPTIM Circuit Breaker/Frame



**Note**

① Ampere rating available with electronic trip unit only.

**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 Pole**

Maximum Continuous Ampere Rating at 40°C	Circuit Breaker Frame Only		Digitrip RMS 310 Trip Unit Only				Digitrip 310 Rating Plug Only			Standard Terminals Only  See Page V4-T2-186 for Optional Terminals		
	Standard Interrupting Capacity  35 kAIC at 480 Vac Catalog Number	High Interrupting Capacity  65 kAIC at 480 Vac	Standard		Adjustable Short Time Pickup with I <sup>2</sup> t Short Delay Ramp	Options  Independently Adjustable Short Time Pickup and Delay	Adjustable Short Time Pickup with I <sup>2</sup> t Short Delay and Ground Fault Protection	Independently Adjustable Short Time Pickup and Delay and Ground Fault Protection	Fixed Rating Plug  Ampere Rating Catalog Number		Adjustable Rating Plug  Ampere Rating	
			Adjustable Short Time Pickup with I <sup>2</sup> t Short Delay Ramp	Independently Adjustable Short Time Pickup and Delay								
125	CKD3400F	CHKD3400F	KES3125LS	KES3125LSI	KES3125LSG	KES3125LSIG	70	1KES070T	70/90/100/125 A1KES125T1	TA300K ①		
							90	1KES090T			TA300K ①	
							100	1KES100T			TA300K ①	
							110	1KES110T			TA300K ①	
							125	1KES125T			TA300K ①	
							125	1KES125T			TA300K ①	
							125	1KES125T			TA300K ①	
250	CKD3400F	CHKD3400F	KES3250LS	KES3250LSI	KES3250LSG	KES3250LSIG	70	2KES070T	125/150/200/225 A2KES250T1	TA300K ①		
							100	2KES100T			TA300K ①	
							125	2KES125T			TA300K ①	
							150	2KES150T			TA300K ①	
							160	2KES160T			TA300K ①	
							175	2KES175T			TA300K ①	
							200	2KES200T			TA300K ①	
							225	2KES225T			TA300K ①	
							250	2KES250T			TA350K ①	
400	CKD3400F	CHKD3400F	KES3400LS	KES3400LSI	KES3400LSG	KES3400LSIG	200	4KES200T	200/250/300/400 A4KES400T1	TA300K ①		
							225	4KES225T			TA300K ①	
							250	4KES250T			220/240/260/280 A4KES200T5	TA350K ①
							300	4KES300T				TA350K ①
							350	4KES350T			320/340/360/380 A4KES300T5	TA350K ①
							400	4KES400T				3TA400K ②

**Notes**

- ① Individually packed.
- ② 3TA400K terminal kit contains one terminal for each pole and one terminal cover.