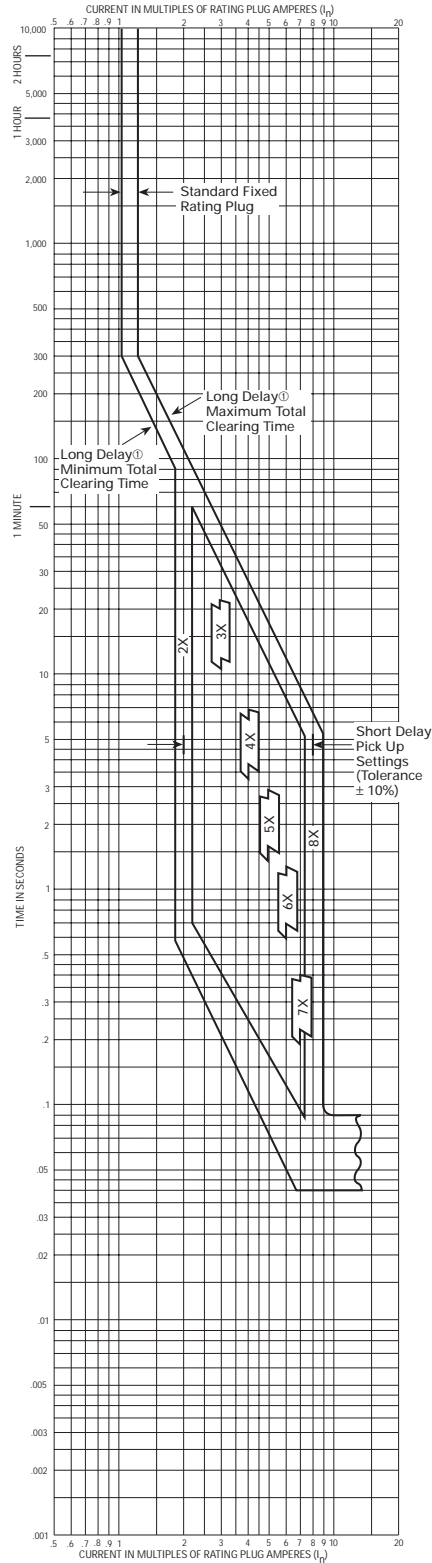


Types KD, CKD, HKD, CHKD Equipped with Type KES Digitrip RMS 310 Trip Units, Types KES3250LS, KES3250LSG

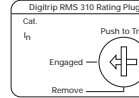


Circuit Breaker Time/Current Curves (Phase Current) ④

Series C® K-Frame Circuit Breakers Equipped With Type KES Digitrip RMS 310 Trip Units

Catalog Types KES3250LS, KES3250LSG Digitrip RMS 310 Units for use with Circuit Breaker Types KD, HKD, CKD, and CHKD, 250A. max.

Fixed Short Delay Time



Typical Trip Unit Nameplate



Available Rating Plugs

Ampere Rating (I_n)	Type	Catalog Number	Short Delay Pickup Range Amperes
250	Fixed	2KES 250T	500-2000
225	Fixed	2KES 225T	450-1800
200	Fixed	2KES 200T	400-1600
175	Fixed	2KES 175T	350-1400
150	Fixed	2KES 150T	300-1200
125	Fixed	2KES 125T	250-1000
125, 150, 200, 250	Adjustable	A2KES 250T1	250-2000

Interrupting Ratings - 50/60 Hz RMS Sym. Amperes (kA)

Breaker Type	UL/CSA	240V	480V	600V
KD, CKD	65	35	25	25
HKD, CHKD	100	65	35	35

Breaker Type	IEC 947-2	240V	380V	415V
KD, CKD	65	40	40	40
HKD, CHKD	100	65	65	65

Notes

Digitrip RMS 310 trip units are suitable for functional field testing with test kit Cat. No. STK2. For field testing using primary injection methods, follow NEMA publication AB-4-1991.

There is a memory effect that can act to shorten the long delay. The memory effect comes into play if a current above the long delay pick up value exists for a time and then is cleared by the tripping of a down stream device or the circuit breaker itself. A subsequent overload will cause the circuit breaker to trip in shorter time than normal. The amount of time delay reduction is inverse to the amount of time that has elapsed since the previous overload. Approximately five minutes is required between overloads to completely reset the memory.

① Curve accuracy applies from -20°C to $+55^{\circ}\text{C}$ ambient. For possible continuous ampere derating for ambient above 40°C , refer to Cutler-Hammer.

② For high fault current levels a fixed instantaneous override is provided at 4000A. (Tolerance $\pm 15\%$).

③ The end of the curve is determined by the interrupting rating of the circuit breaker. See above tabulation.

④ For ground fault time/current curve see SC-5651-93.

