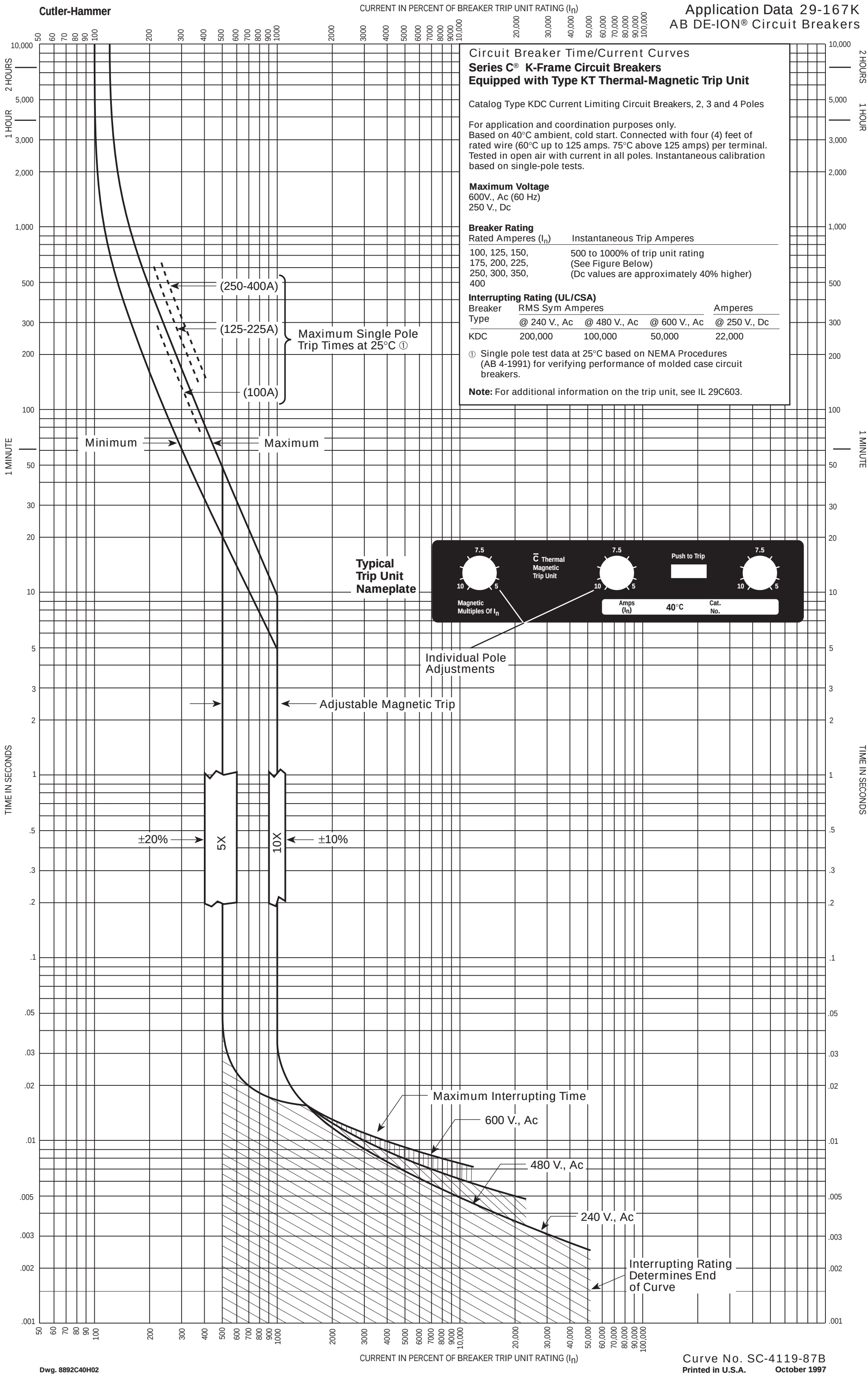

Circuit Breaker Time/Current Curves

Series C® K-Frame Circuit Breakers
Equipped with Type KT Thermal-Magnetic Trip Unit

Catalog Type KDC Current Limiting Circuit Breakers, 2, 3 and 4 Poles

For application and coordination purposes only.
Based on 40°C ambient, cold start. Connected with four (4) feet of rated wire (60°C up to 125 amps. 75°C above 125 amps) per terminal. Tested in open air with current in all poles. Instantaneous calibration based on single-pole tests.

Maximum Voltage
600V., Ac (60 Hz)
250 V., Dc

Breaker Rating

Rated Amperes (I_n)	Instantaneous Trip Amperes
100, 125, 150, 175, 200, 225, 250, 300, 350, 400	500 to 1000% of trip unit rating (See Figure Below) (Dc values are approximately 40% higher)

Interrupting Rating (UL/CSA)

Breaker Type	RMS Sym Amperes @ 240 V., Ac	RMS Sym Amperes @ 480 V., Ac	RMS Sym Amperes @ 600 V., Ac	Amperes @ 250 V., Dc
KDC	200,000	100,000	50,000	22,000

① Single pole test data at 25°C based on NEMA Procedures (AB 4-1991) for verifying performance of molded case circuit breakers.

Note: For additional information on the trip unit, see IL 29C603.