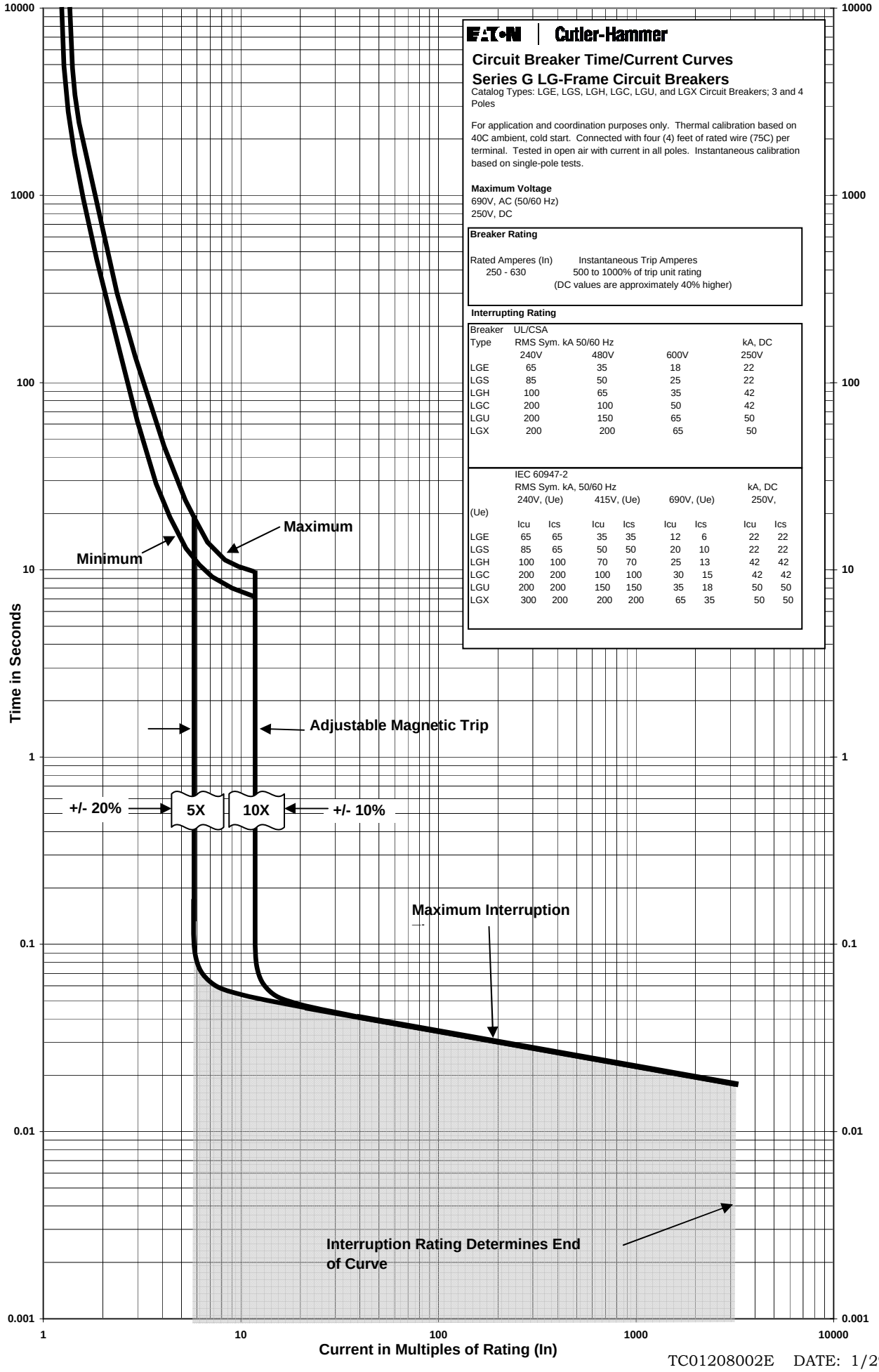

EATON | Cutler-Hammer

Circuit Breaker Time/Current Curves
Series G LG-Frame Circuit Breakers

Catalog Types: LGE, LGS, LGH, LGC, LGU, and LGX Circuit Breakers; 3 and 4 Poles

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

Maximum Voltage
690V, AC (50/60 Hz)
250V, DC

Breaker Rating

Rated Amperes (In)	Instantaneous Trip Amperes
250 - 630	500 to 1000% of trip unit rating (DC values are approximately 40% higher)

Interrupting Rating

Breaker Type	UL/CSA RMS Sym. kA 50/60 Hz 240V	480V	600V	kA, DC 250V
LGE	65	35	18	22
LGS	85	50	25	22
LGH	100	65	35	42
LGC	200	100	50	42
LGU	200	150	65	50
LGX	200	200	65	50

	IEC 60947-2 RMS Sym. kA, 50/60 Hz 240V, (Ue)		415V, (Ue)		690V, (Ue)		kA, DC 250V, (Ue)	
	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics
LGE	65	65	35	35	12	6	22	22
LGS	85	65	50	50	20	10	22	22
LGH	100	100	70	70	25	13	42	42
LGC	200	200	100	100	30	15	42	42
LGU	200	200	150	150	35	18	50	50
LGX	300	200	200	200	65	35	50	50