Eaton Series G type EGB, EGE, EGS, EGH, EGC, and EGK circuit breakers

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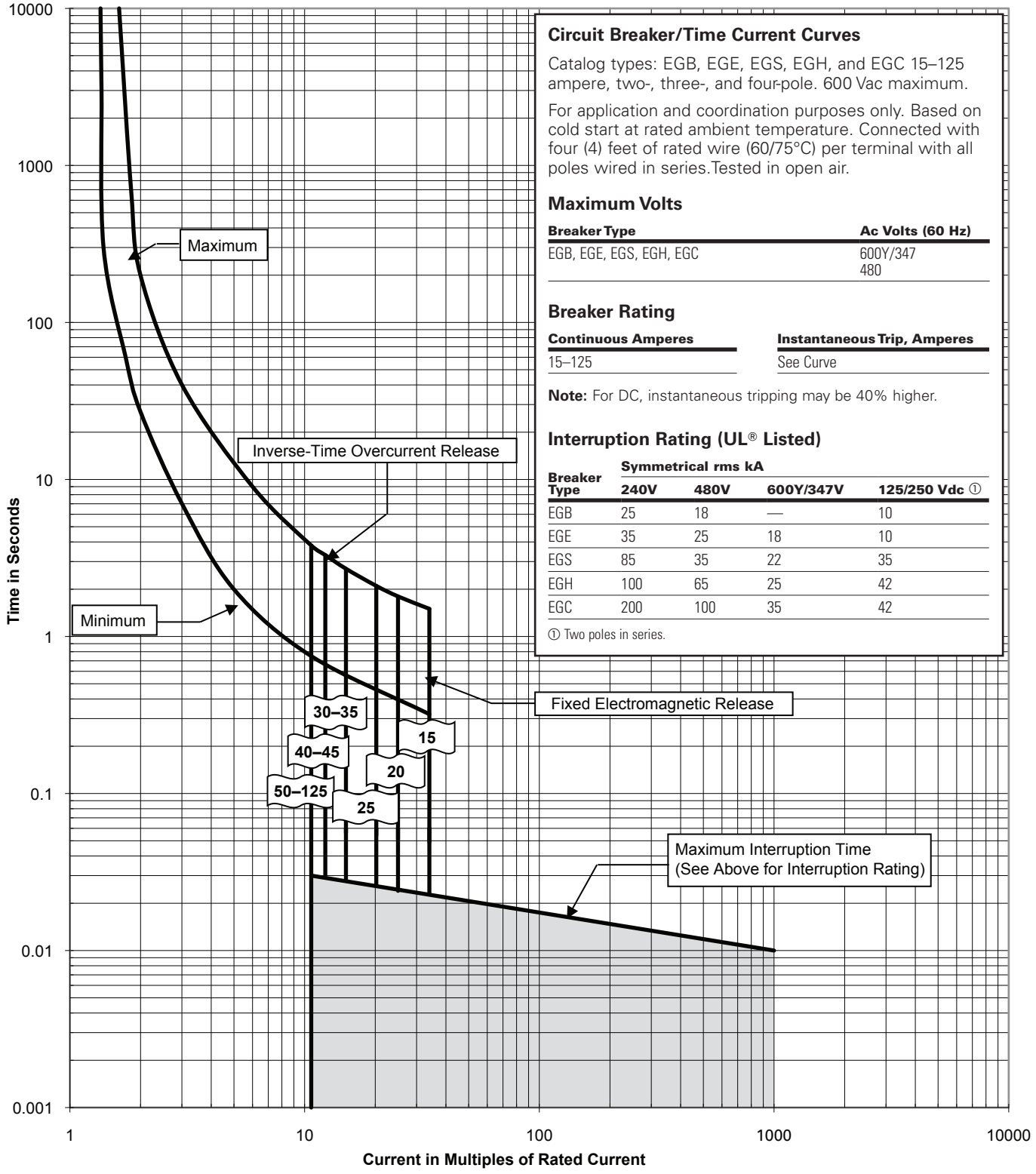


Circuit Breaker/Time Current Curves

Catalog types: EGB, EGE, EGS, EGH, and EGC 15–125 ampere, two-, three-, and four-pole. 600 Vac maximum.

For application and coordination purposes only. Based on cold start at rated ambient temperature. Connected with four (4) feet of rated wire (60/75°C) per terminal with all poles wired in series. Tested in open air.

Maximum Volts

Breaker Type	Ac Volts (60 Hz)
EGB, EGE, EGS, EGH, EGC	600Y/347 480

Breaker Rating

Continuous Amperes	Instantaneous Trip, Amperes
15–125	See Curve

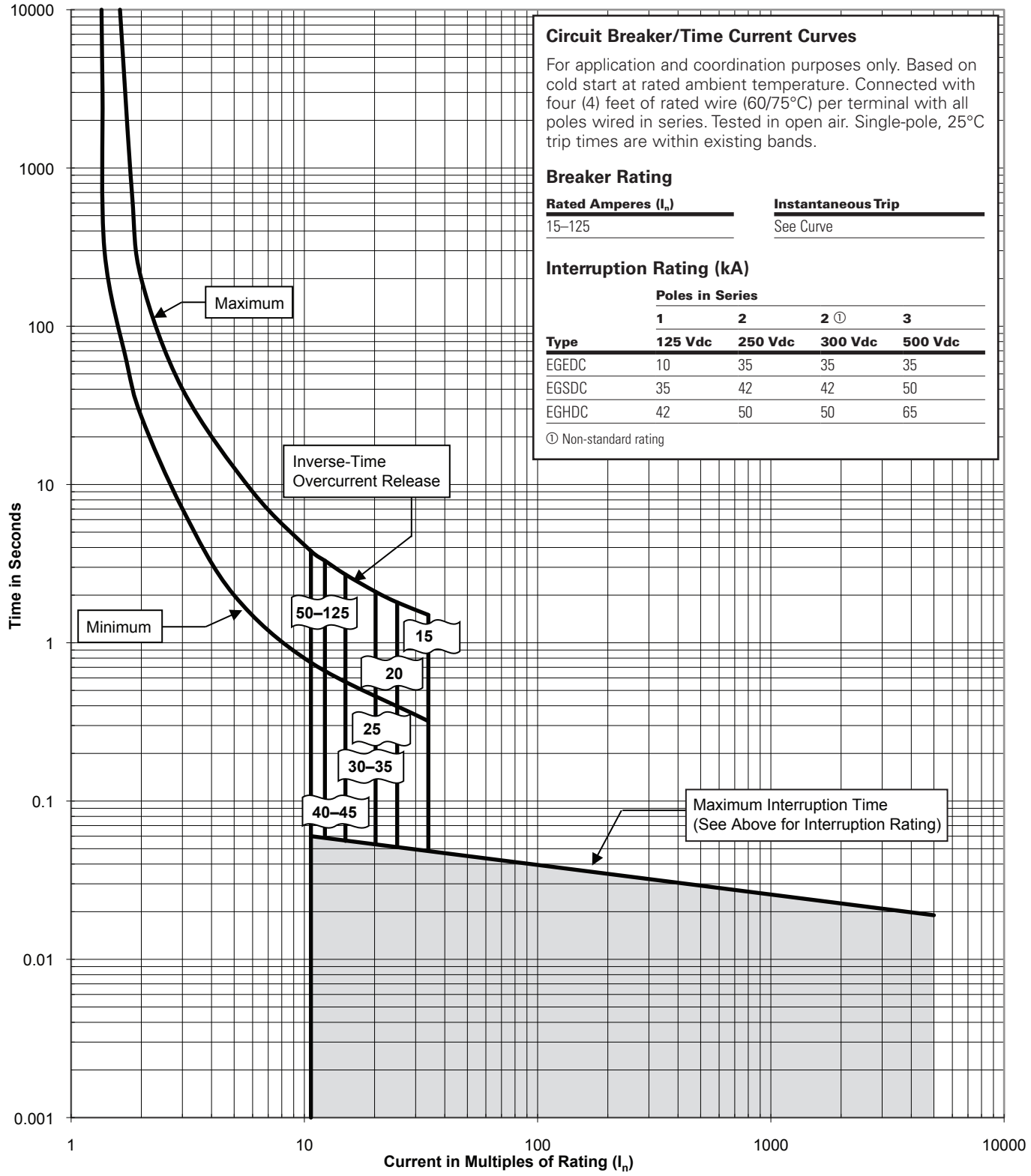
Note: For DC, instantaneous tripping may be 40% higher.

Interruption Rating (UL® Listed)

Breaker Type	Symmetrical rms kA			
	240V	480V	600Y/347V	125/250 Vdc ①
EGB	25	18	—	10
EGE	35	25	18	10
EGS	85	35	22	35
EGH	100	65	25	42
EGC	200	100	35	42

① Two poles in series.

Figure 1. Type EGB, EGE, EGS, EGH, and EGC Two-, Three-, and Four-Pole Circuit Breakers



Circuit Breaker/Time Current Curves

For application and coordination purposes only. Based on cold start at rated ambient temperature. Connected with four (4) feet of rated wire (60/75°C) per terminal with all poles wired in series. Tested in open air. Single-pole, 25°C trip times are within existing bands.

Breaker Rating

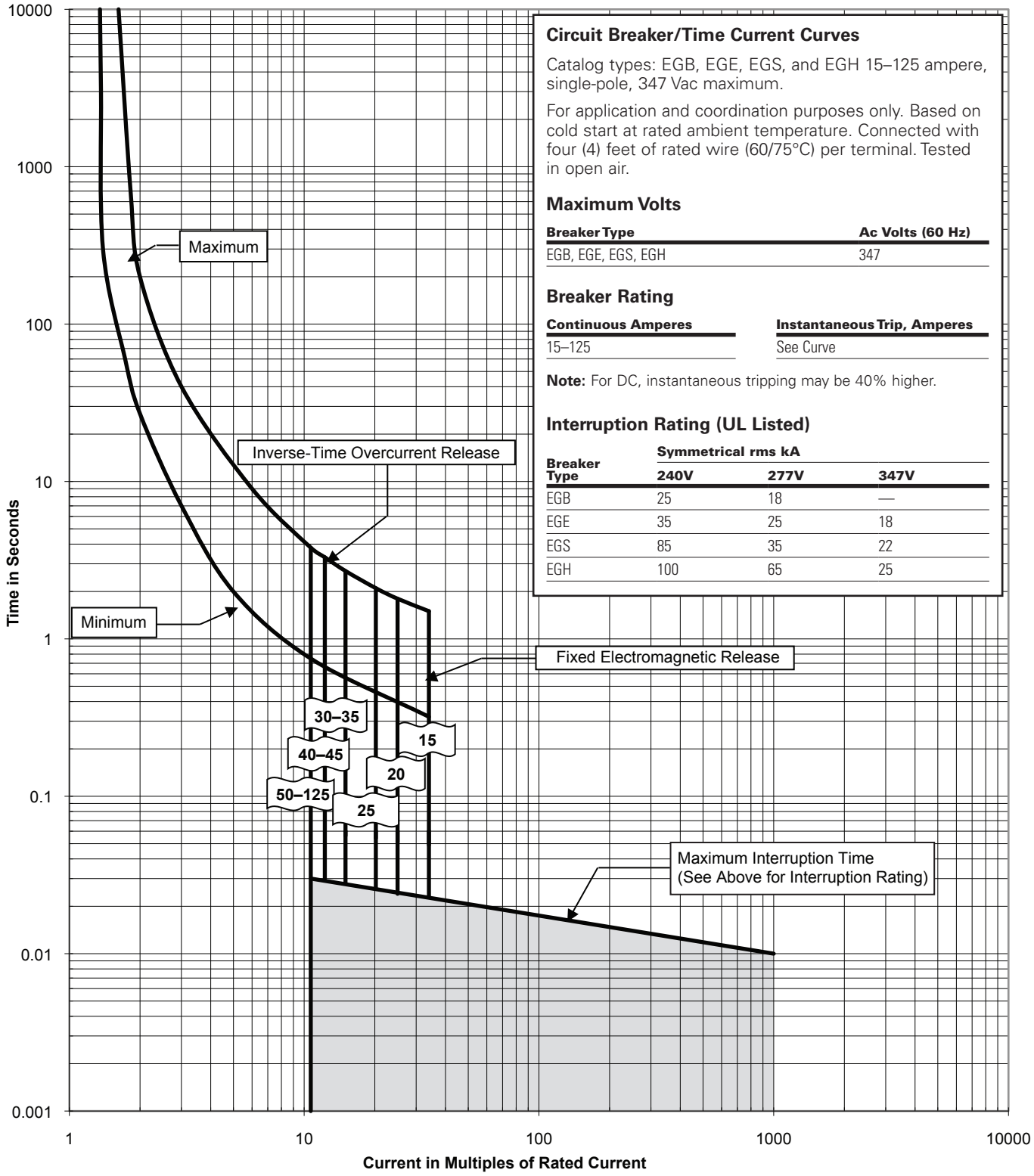
Rated Amperes (I_n)	Instantaneous Trip
15–125	See Curve

Interruption Rating (kA)

	Poles in Series			
	1	2	2 ①	3
Type	125 Vdc	250 Vdc	300 Vdc	500 Vdc
EGEDC	10	35	35	35
EGSDC	35	42	42	50
EGHDC	42	50	50	65

① Non-standard rating

Figure 2. Type EGE, EGS, EGH, and EGK DC Circuit Breakers



Circuit Breaker/Time Current Curves

Catalog types: EGB, EGE, EGS, and EGH 15–125 ampere, single-pole, 347 Vac maximum.

For application and coordination purposes only. Based on cold start at rated ambient temperature. Connected with four (4) feet of rated wire (60/75°C) per terminal. Tested in open air.

Maximum Volts

Breaker Type	Ac Volts (60 Hz)
EGB, EGE, EGS, EGH	347

Breaker Rating

Continuous Amperes	Instantaneous Trip, Amperes
15–125	See Curve

Note: For DC, instantaneous tripping may be 40% higher.

Interruption Rating (UL Listed)

Breaker Type	Symmetrical rms kA		
	240V	277V	347V
EGB	25	18	—
EGE	35	25	18
EGS	85	35	22
EGH	100	65	25

Figure 3. Type EGB, EGE, EGS, and EGH Single-Pole Circuit Breakers

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Printed in USA
Publication No. TC01202002E / Z13171
February 2013

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