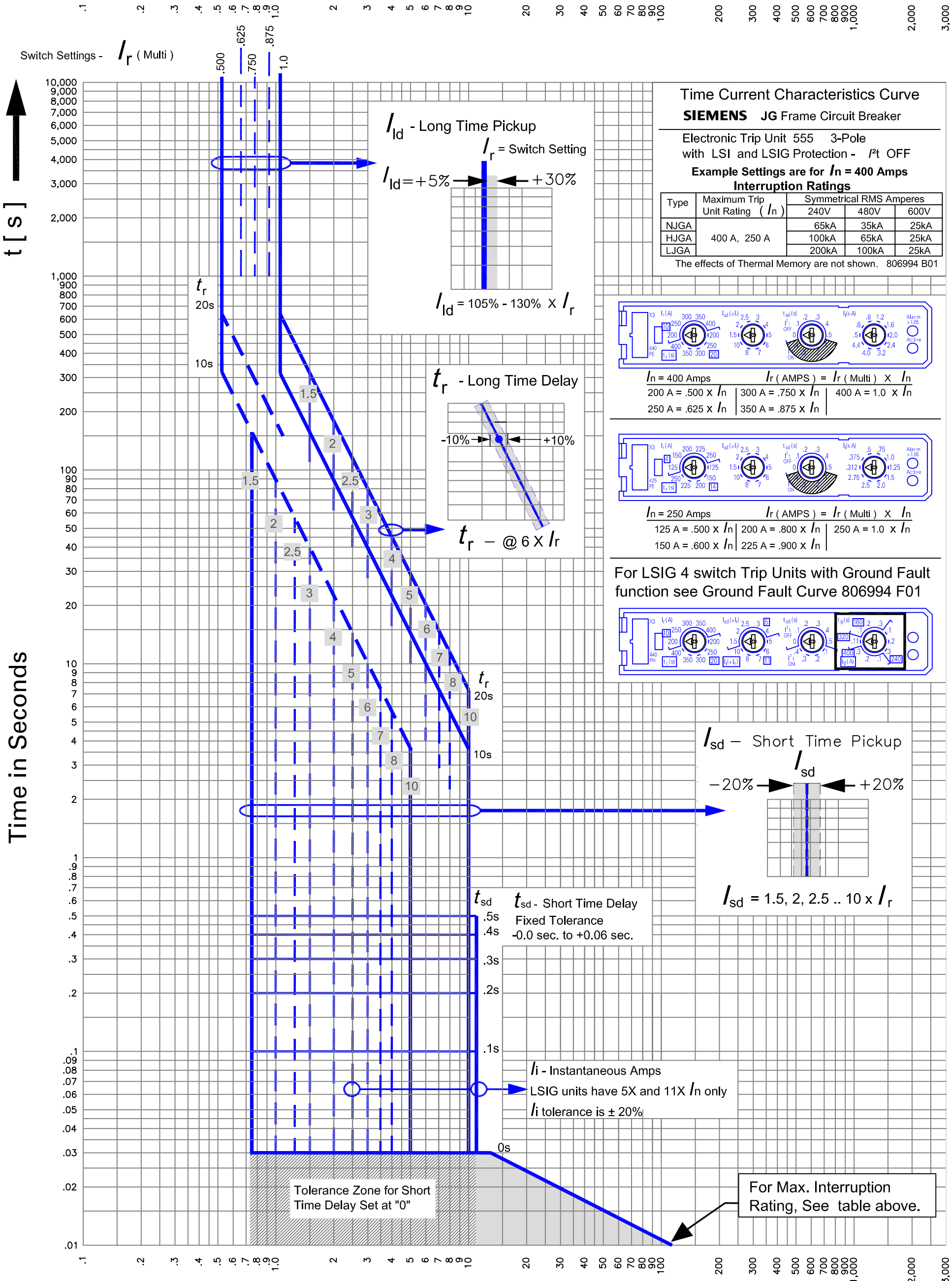


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 April 2012

Multiples of Continuous Current Rating $\times I_n$

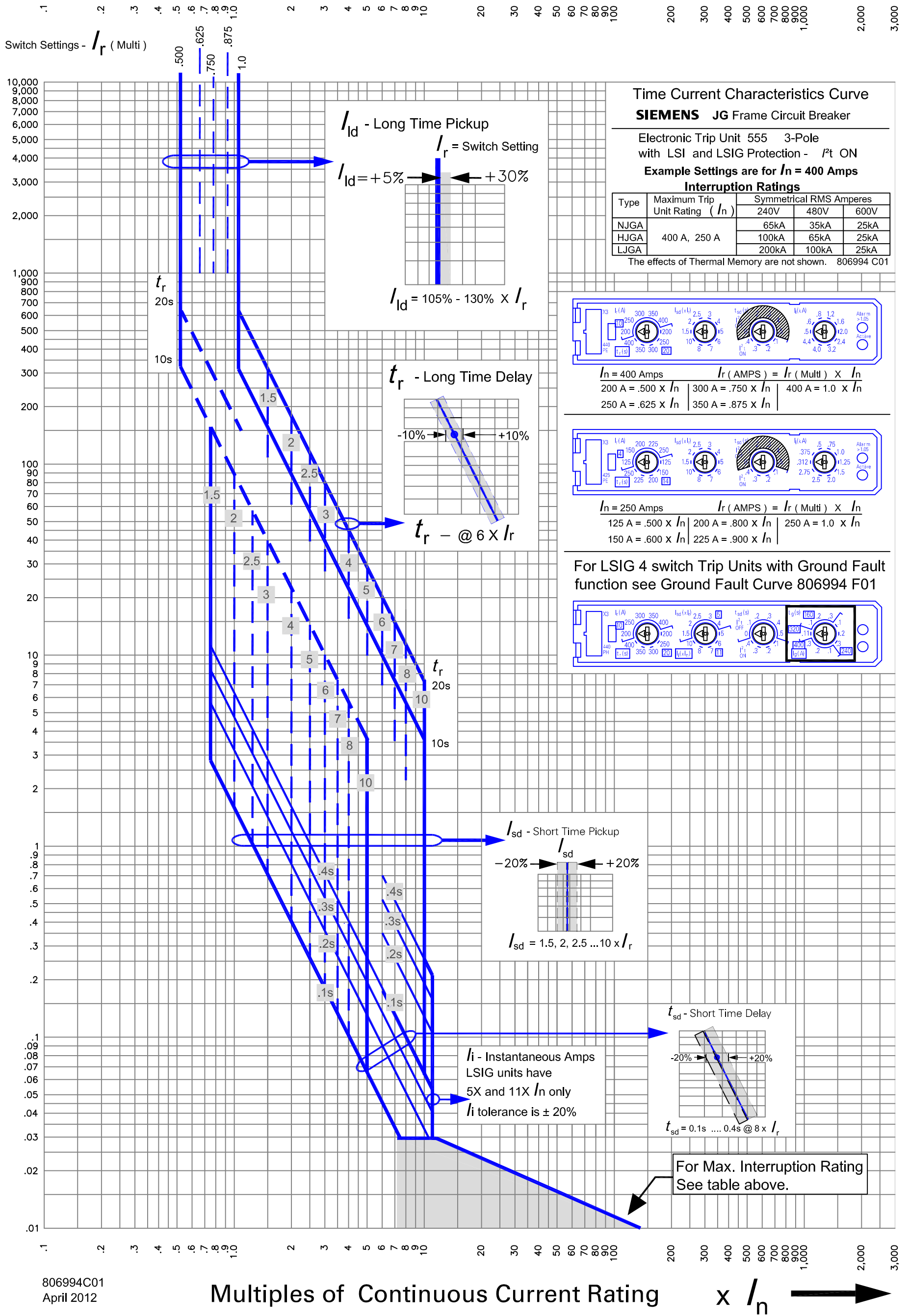


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 April 2012

Multiples of Continuous Current Rating $\times I_n$ \rightarrow

t [s]

Time in Seconds



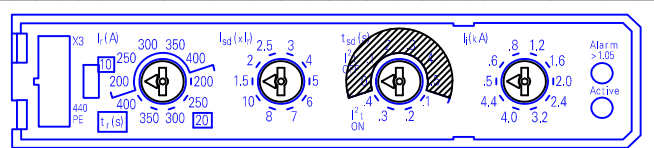
Time Current Characteristics Curve
SIEMENS JG Frame Circuit Breaker

Electronic Trip Unit 555 3-Pole
 with LSI and LSIG Protection - I^2t ON
Example Settings are for $I_n = 400$ Amps

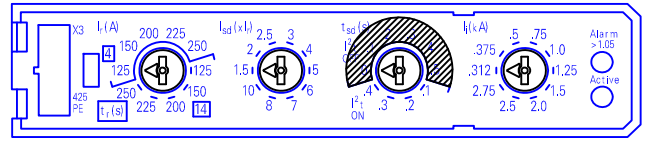
Interruption Ratings

Type	Maximum Trip Unit Rating (I_n)	Symmetrical RMS Amperes		
		240V	480V	600V
NJGA	400 A, 250 A	65kA	35kA	25kA
HJGA		100kA	65kA	25kA
LJGA		200kA	100kA	25kA

The effects of Thermal Memory are not shown. 806994 C01

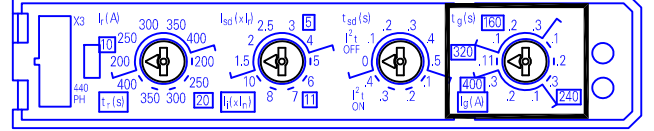


$I_n = 400$ Amps I_r (AMPS) = I_r (Multi) $\times I_n$
 200 A = $.500 \times I_n$ | 300 A = $.750 \times I_n$ | 400 A = $1.0 \times I_n$
 250 A = $.625 \times I_n$ | 350 A = $.875 \times I_n$



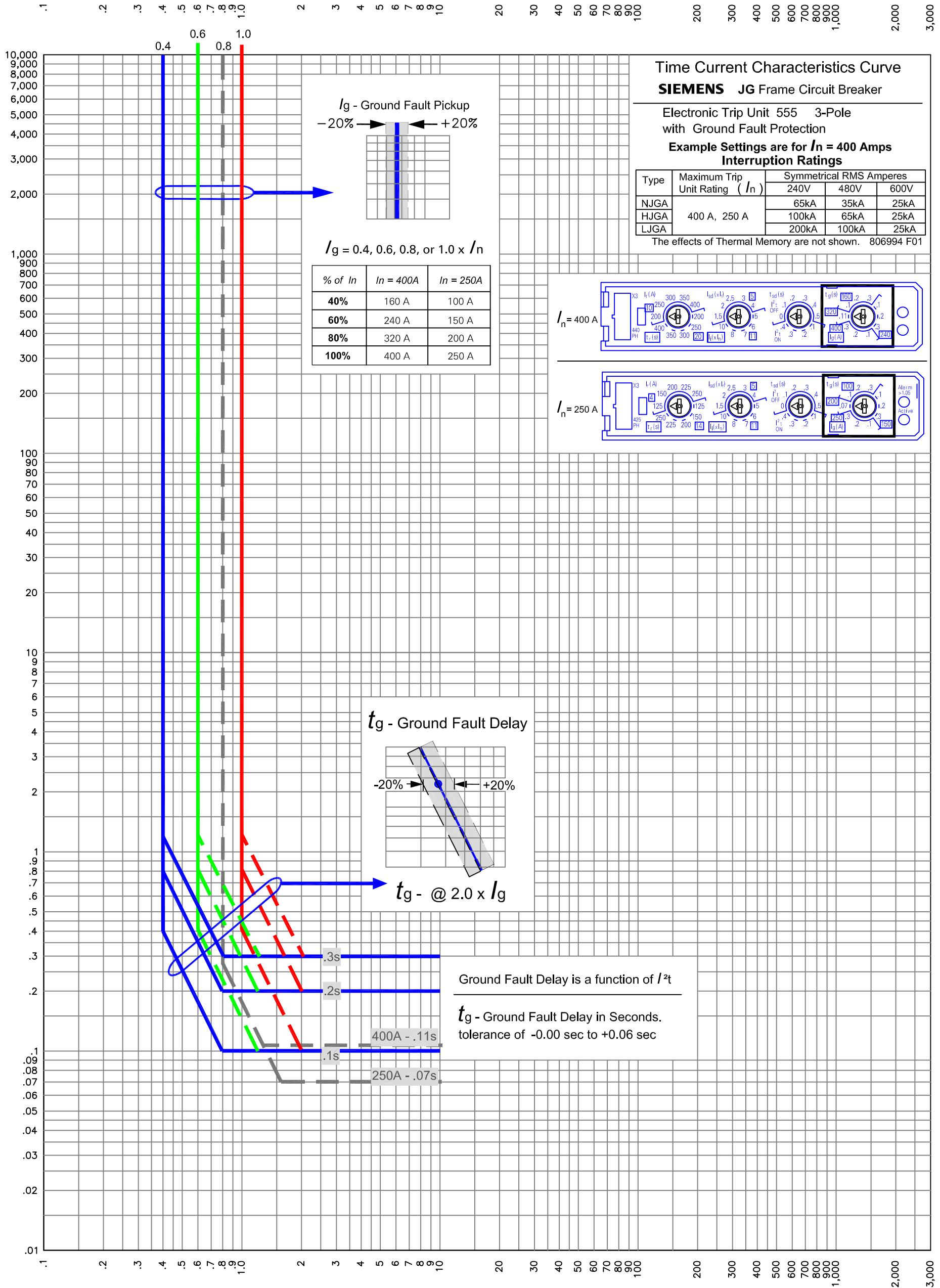
$I_n = 250$ Amps I_r (AMPS) = I_r (Multi) $\times I_n$
 125 A = $.500 \times I_n$ | 200 A = $.800 \times I_n$ | 250 A = $1.0 \times I_n$
 150 A = $.600 \times I_n$ | 225 A = $.900 \times I_n$

For LSIG 4 switch Trip Units with Ground Fault function see Ground Fault Curve 806994 F01



t [s]

Time in Seconds



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Multiples of Continuous Current Rating $\times I_n$