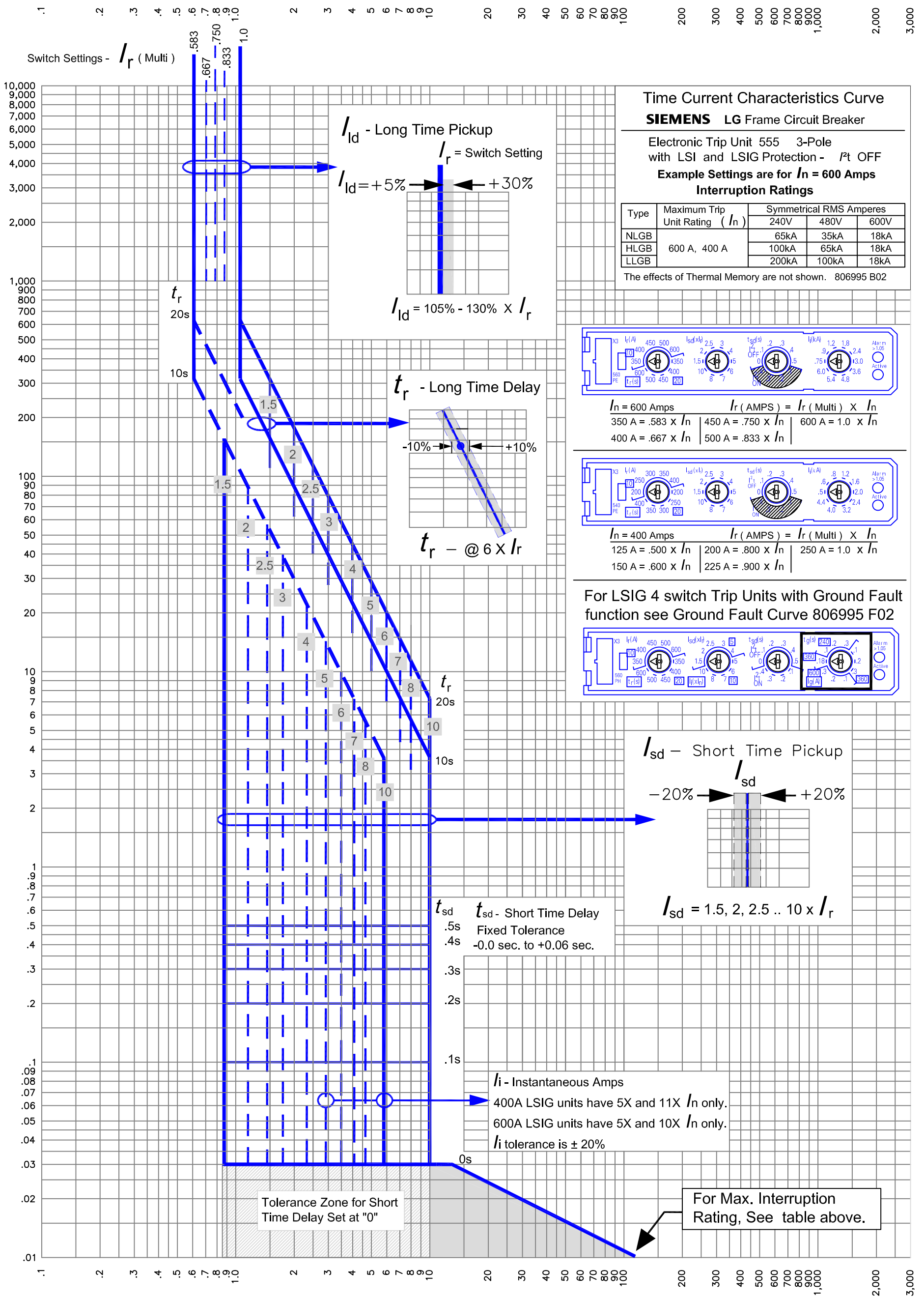


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Multiples of Continuous Current Rating $\times I_n$

t [s]

Time in Seconds

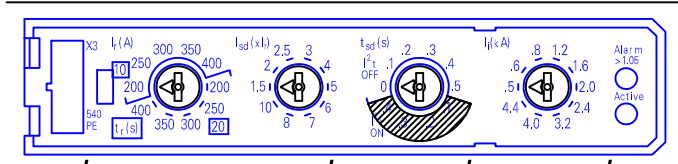
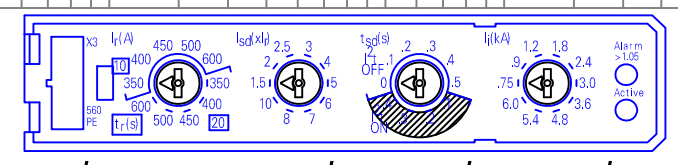


Time Current Characteristics Curve
SIEMENS LG Frame Circuit Breaker

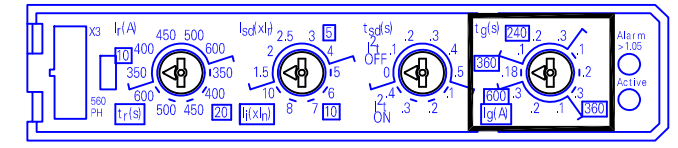
Electronic Trip Unit 555 3-Pole
 with LSI and LSIG Protection - I^2t OFF
Example Settings are for $I_n = 600$ Amps
Interruption Ratings

Type	Maximum Trip Unit Rating (I_n)	Symmetrical RMS Amperes		
		240V	480V	600V
NLGB	600 A, 400 A	65kA	35kA	18kA
HLGB		100kA	65kA	18kA
LLGB		200kA	100kA	18kA

The effects of Thermal Memory are not shown. 806995 B02



For LSIG 4 switch Trip Units with Ground Fault function see Ground Fault Curve 806995 F02



t [s]

Time in Seconds

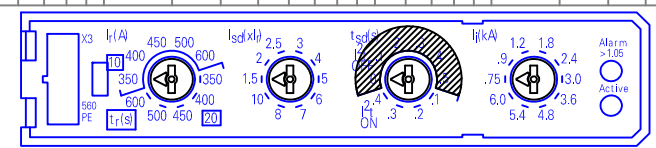
Switch Settings - I_r (Multi) 1 .2 .3 .4 .5 .6 .7 .8 .9 1.0 2 3 4 5 6 7 8 9 10 20 30 40 50 60 70 80 90 100 200 300 400 500 600 700 800 900 1,000 2,000 3,000

Time Current Characteristics Curve
SIEMENS LG Frame Circuit Breaker

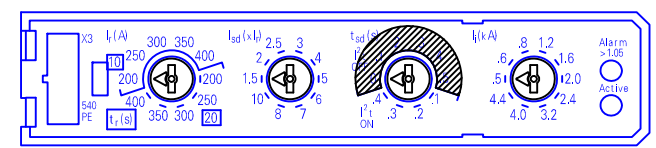
Electronic Trip Unit 555 3-Pole
with LSI and LSIG Protection - Pt ON
Example Settings are for $I_n = 600$ Amps
Interruption Ratings

Type	Maximum Trip Unit Rating (I_n)	Symmetrical RMS Amperes		
		240V	480V	600V
NLGB	600 A, 400 A	65kA	35kA	18kA
HLGB		100kA	65kA	18kA
LLGB		200kA	100kA	18kA

The effects of Thermal Memory are not shown. 806995 C02

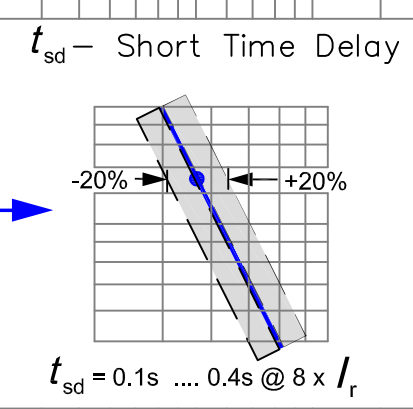
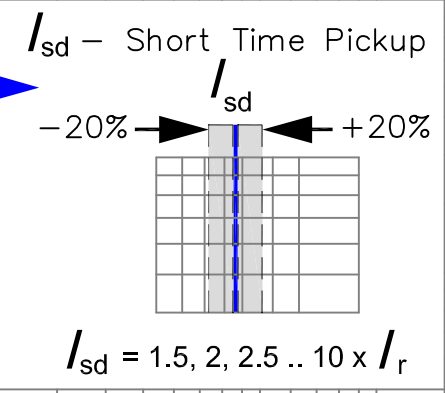
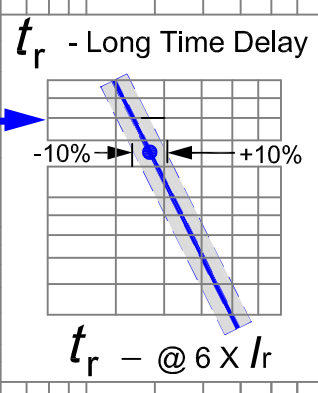
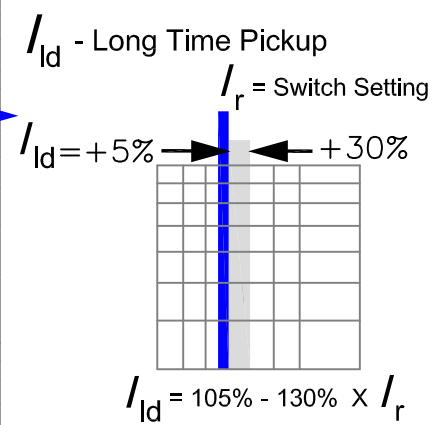
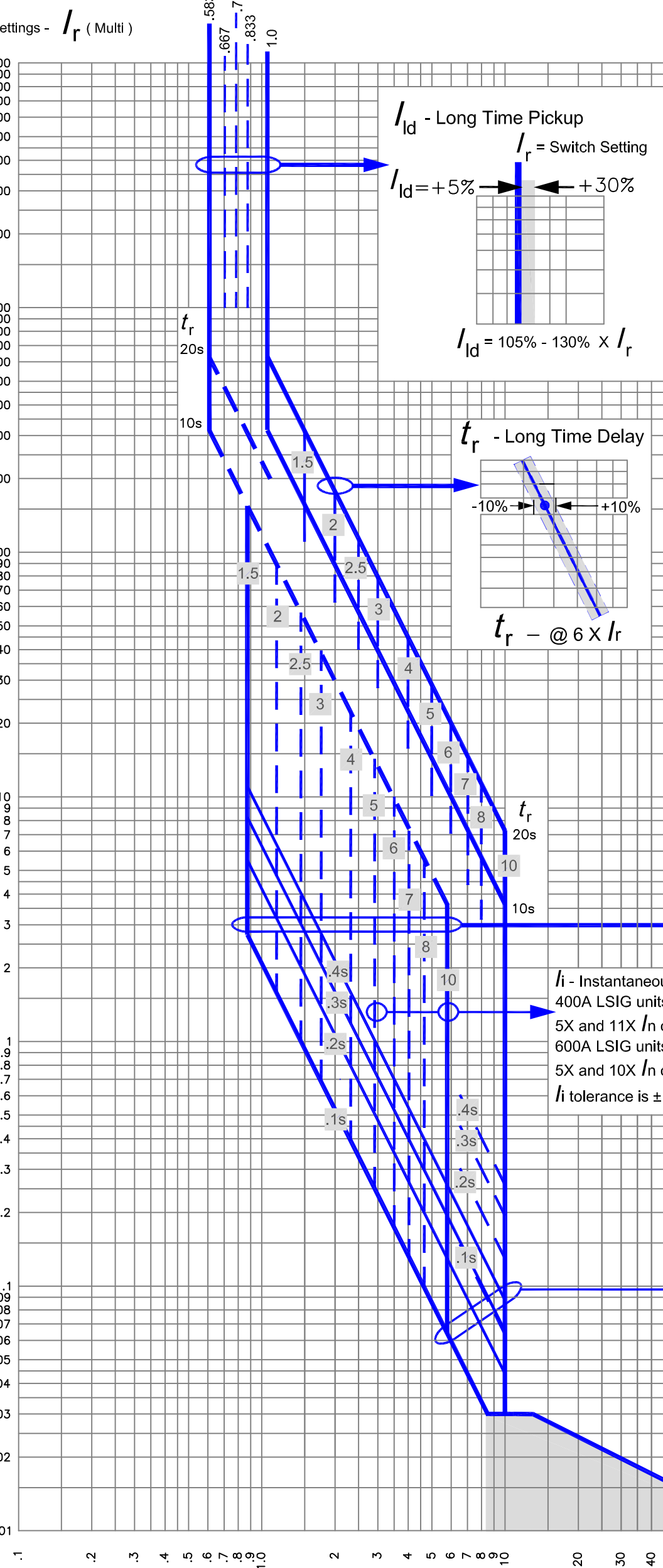
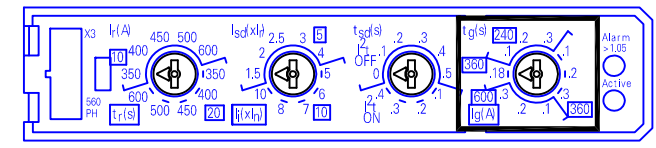


$I_n = 600$ Amps I_r (AMPS) = I_r (Multi) \times I_n
 350 A = $.583 \times I_n$ | 450 A = $.750 \times I_n$ | 600 A = $1.0 \times I_n$
 400 A = $.667 \times I_n$ | 500 A = $.833 \times I_n$



$I_n = 400$ 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 = $.900 \times I_n$

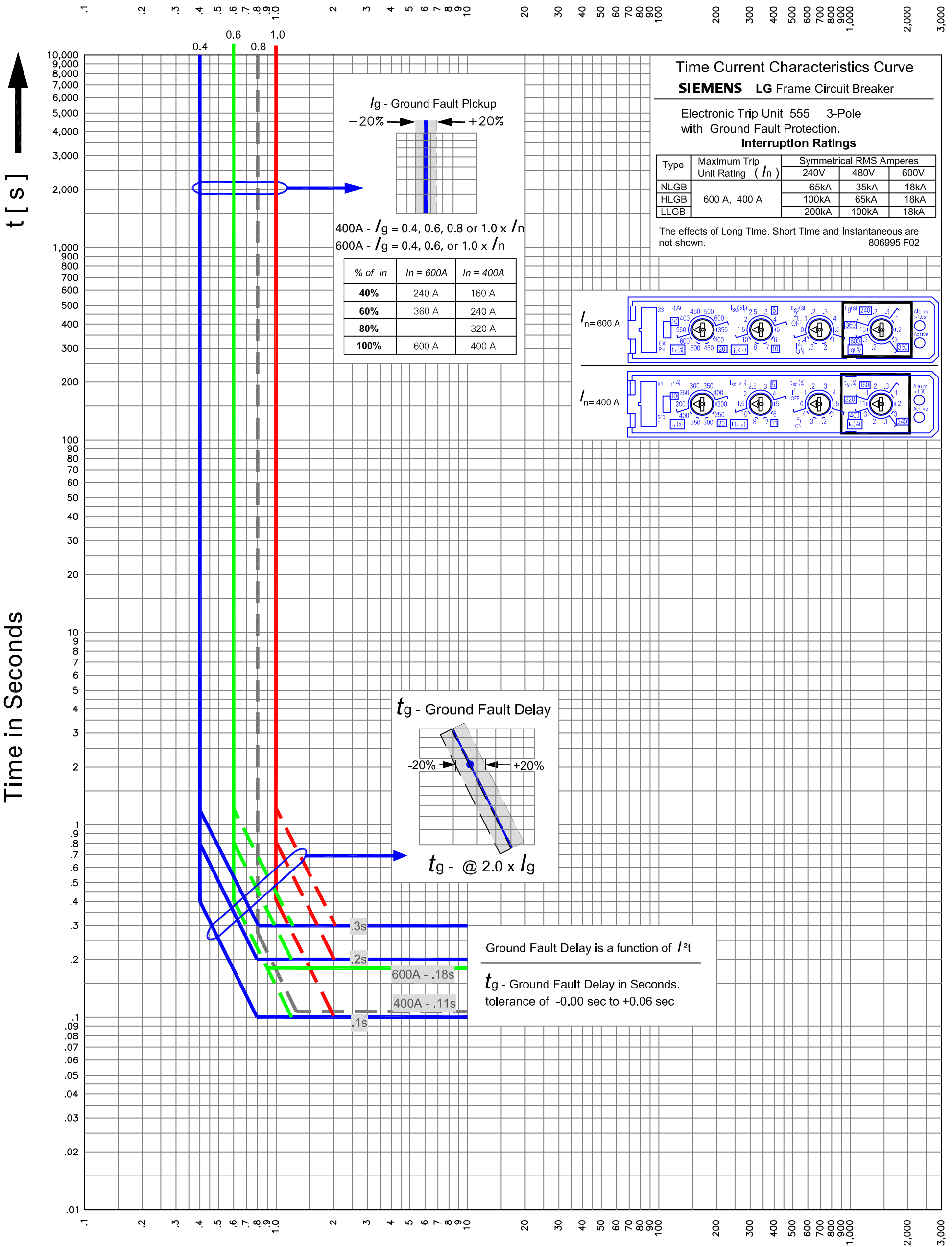
For LSIG 4 switch Trip Units with Ground Fault function see Ground Fault Curve 806995 F02



For Max. Interruption Rating, See table above.

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Multiples of Continuous Current Rating $\times I_n$



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Multiples of Continuous Current Rating $\times I_n$ →