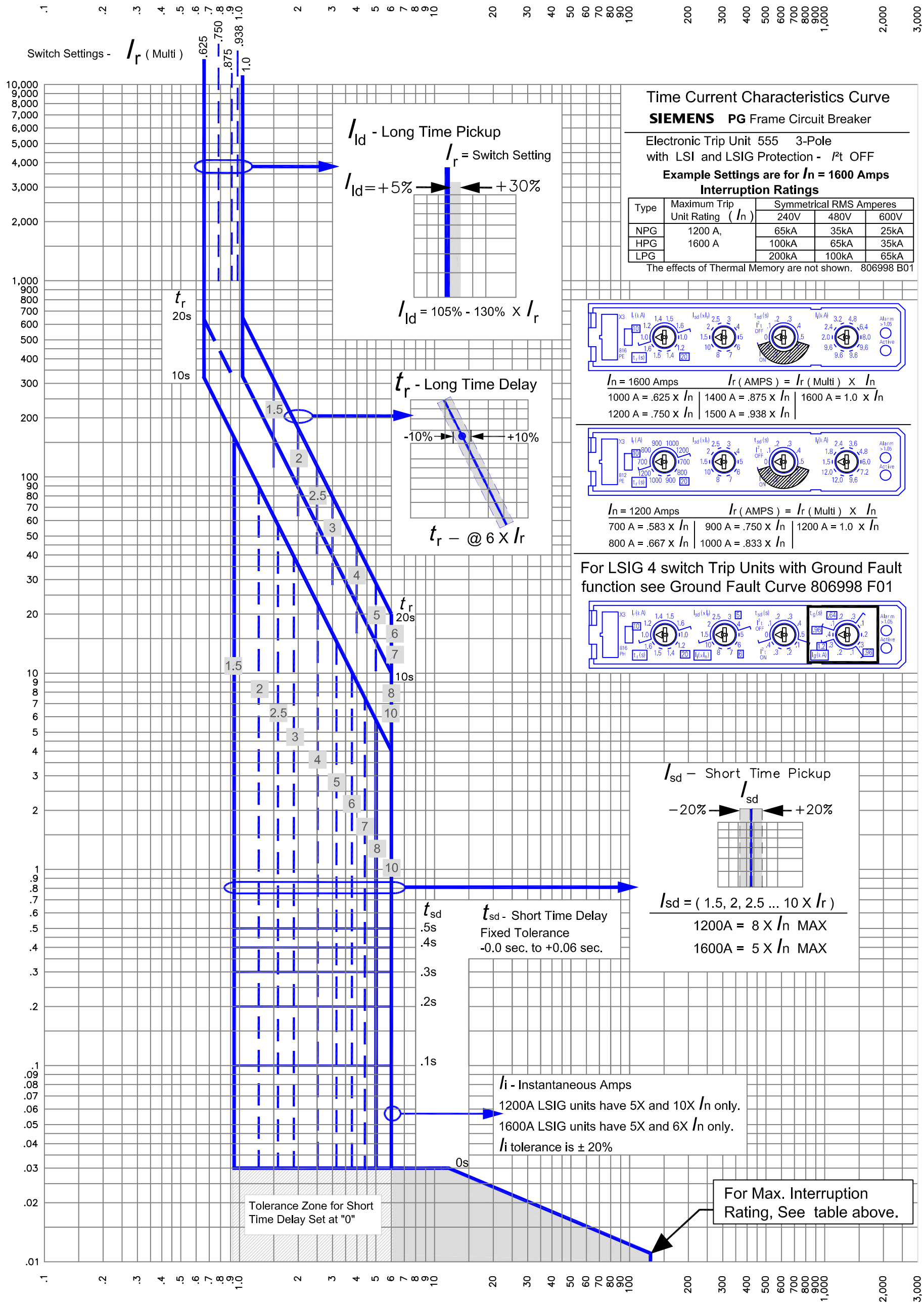


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t [s]

Time in Seconds

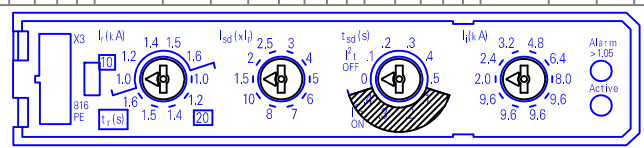


Time Current Characteristics Curve
SIEMENS PG Frame Circuit Breaker

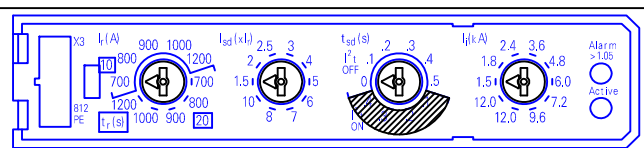
Electronic Trip Unit 555 3-Pole
 with LSI and LSIG Protection - /t OFF
Example Settings are for $I_n = 1600$ Amps
Interruption Ratings

Type	Maximum Trip Unit Rating (I_n)	Symmetrical RMS Amperes		
		240V	480V	600V
NPG	1200 A,	65kA	35kA	25kA
HPG	1600 A	100kA	65kA	35kA
LPG		200kA	100kA	65kA

The effects of Thermal Memory are not shown. 806998 B01

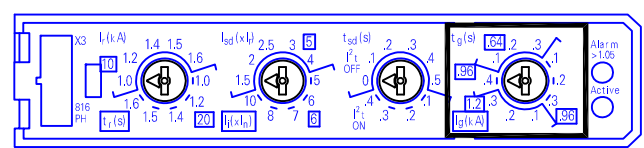


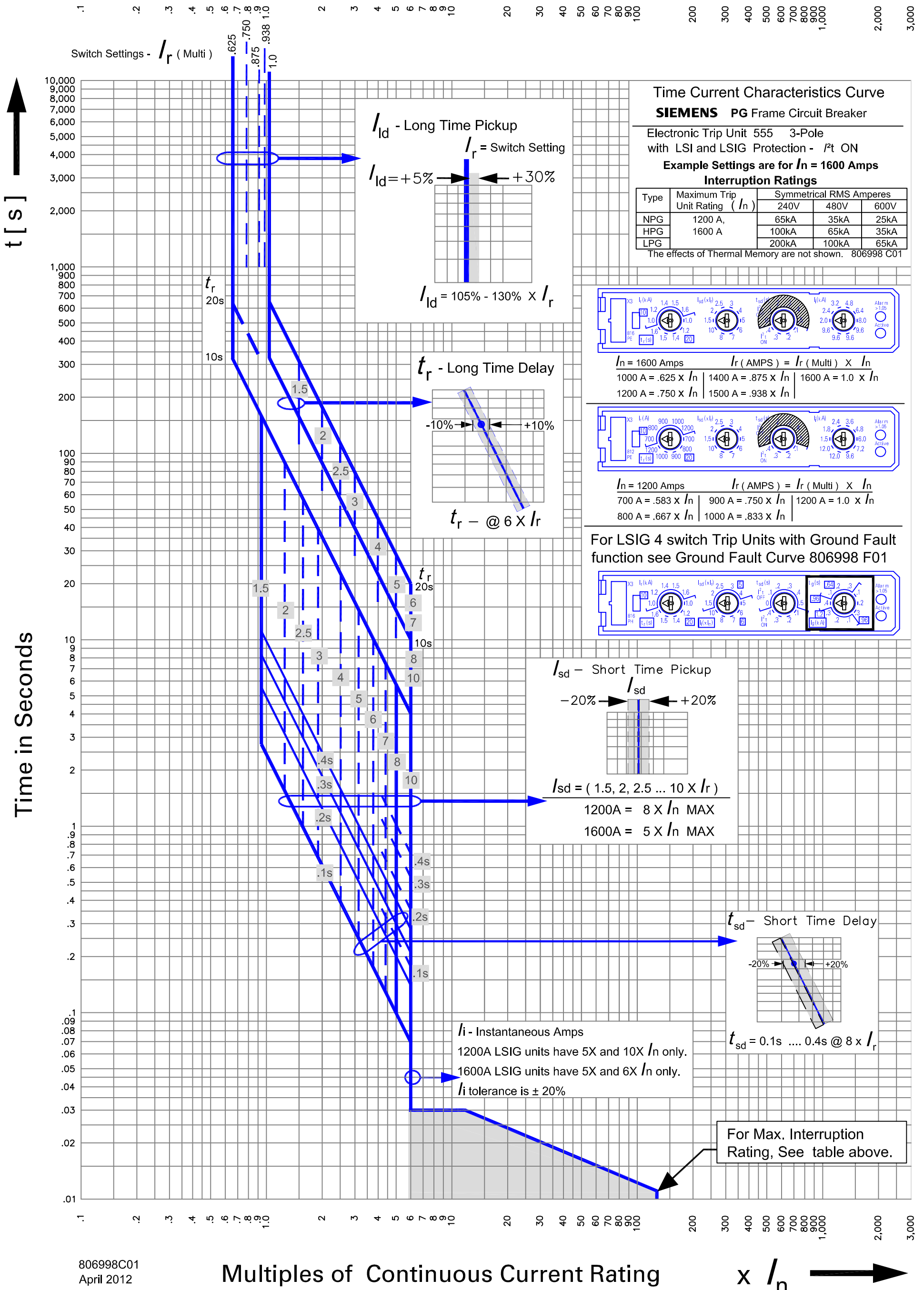
$I_n = 1600$ Amps I_r (AMPS) = I_r (Multi) $\times I_n$
 1000 A = $.625 \times I_n$ | 1400 A = $.875 \times I_n$ | 1600 A = $1.0 \times I_n$
 1200 A = $.750 \times I_n$ | 1500 A = $.938 \times I_n$



$I_n = 1200$ Amps I_r (AMPS) = I_r (Multi) $\times I_n$
 700 A = $.583 \times I_n$ | 900 A = $.750 \times I_n$ | 1200 A = $1.0 \times I_n$
 800 A = $.667 \times I_n$ | 1000 A = $.833 \times I_n$

For LSIG 4 switch Trip Units with Ground Fault function see Ground Fault Curve 806998 F01





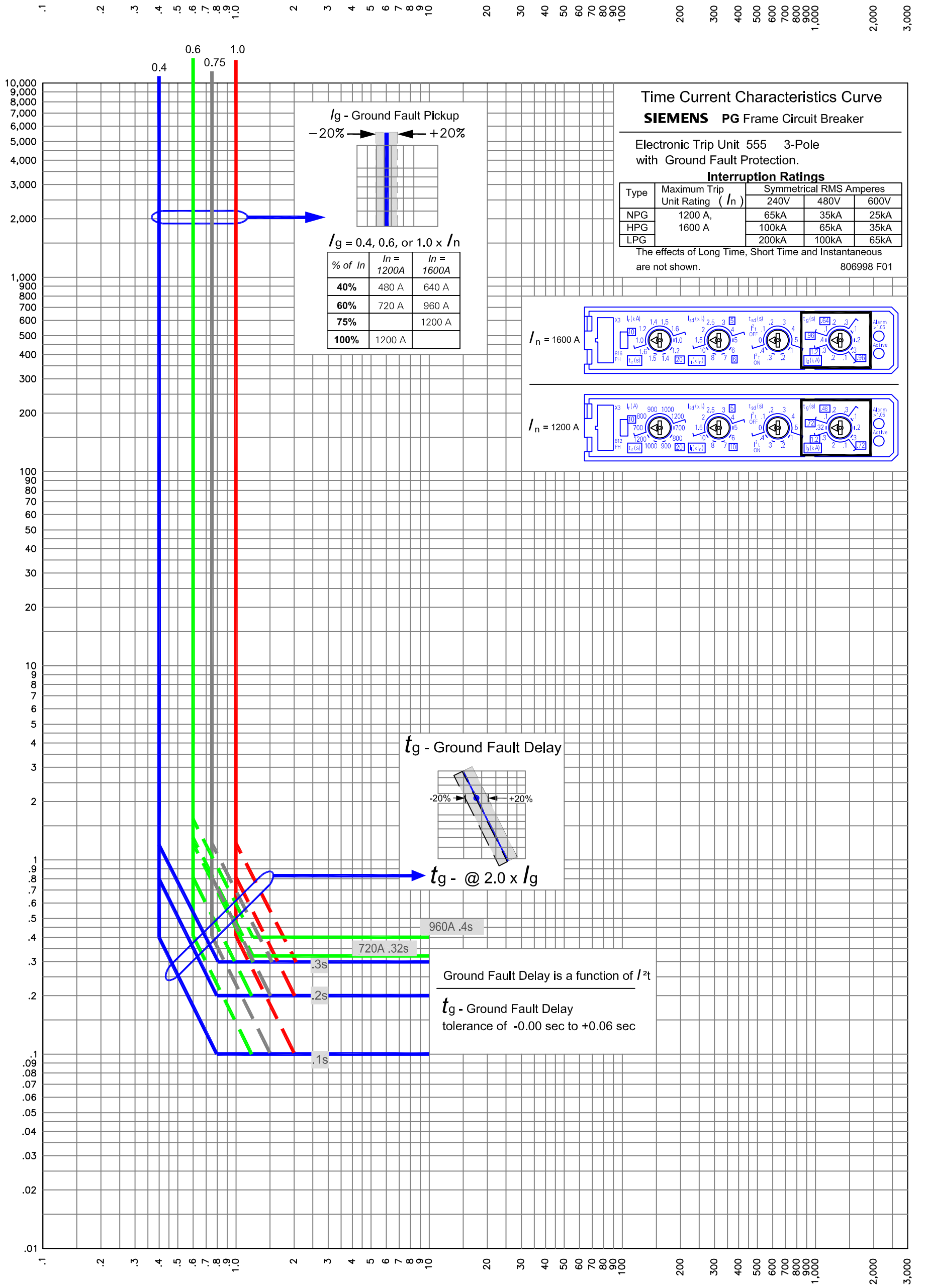
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Multiples of Continuous Current Rating

x In →

t [s]

Time in Seconds



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Multiples of Continuous Current Rating

$\times I_n$