

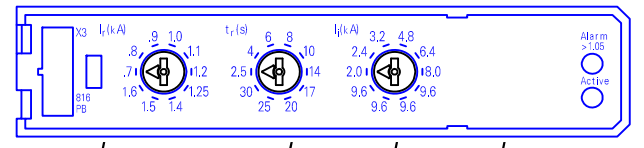
Time Current Characteristics Curve
SIEMENS PG Frame Circuit Breaker

Electronic Trip Unit 555 3-Pole
 with LI and LIG Protection

Example Settings are for In = 1600 Amps
Interruption Ratings

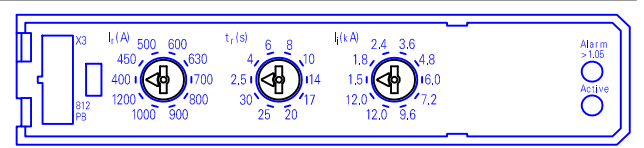
Type	Maximum Trip Unit Rating (In)	Symmetrical RMS Amperes		
		240V	480V	600V
NPG	1200 A,	65kA	35kA	25kA
HPG	1600 A	100kA	65kA	35kA
LPG		200kA	100kA	65kA

The effects of Thermal Memory are not shown. 806998 A01



In = 1600 Amps $I_r (AMPS) = I_r (Multi) \times I_n$

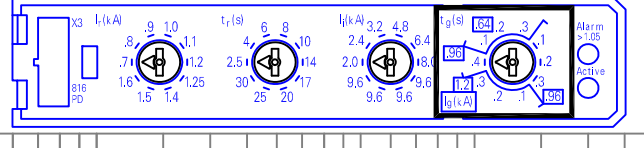
700 A = .438 x In	1000 A = .625 x In	1250 A = .781 x In	1600 A = 1.0 x In
800 A = .500 x In	1100 A = .688 x In	1400 A = .875 x In	
900 A = .563 x In	1200 A = .750 x In	1500 A = .938 x In	



In = 1200 Amps $I_r (AMPS) = I_r (Multi) \times I_n$

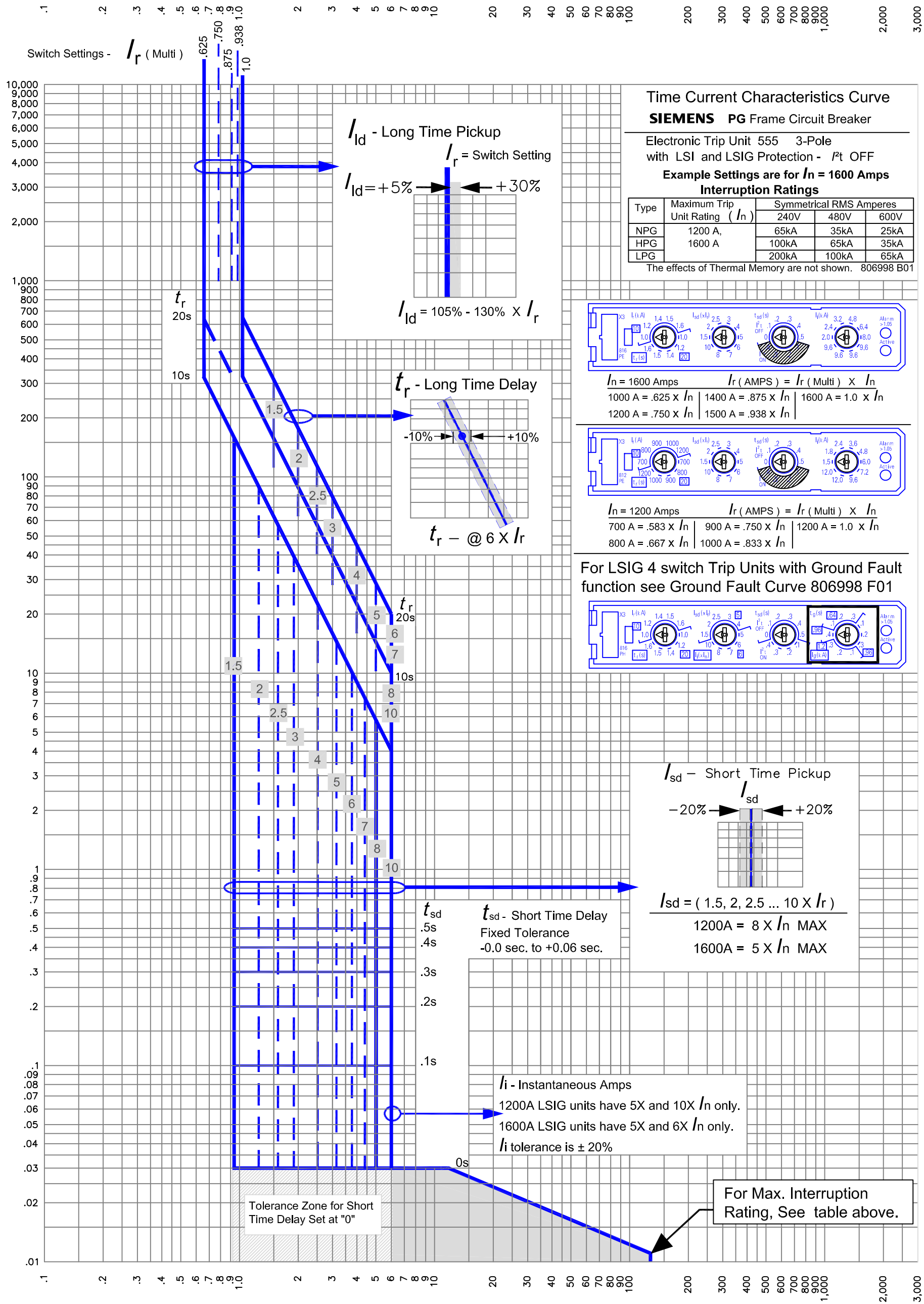
400 A = .333 x In	600 A = .500 x In	800 A = .667 x In	1200 A = 1.0 x In
450 A = .375 x In	630 A = .525 x In	900 A = .750 x In	
500 A = .417 x In	700 A = .583 x In	1000 A = .833 x In	

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



t [s]

Time in Seconds

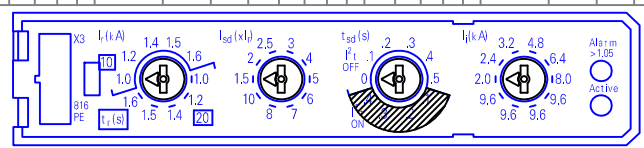


Time Current Characteristics Curve
SIEMENS PG Frame Circuit Breaker

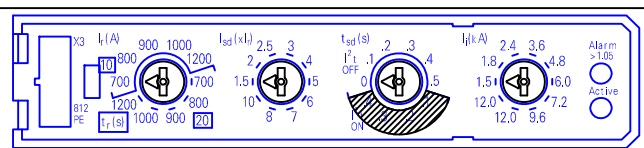
Electronic Trip Unit 555 3-Pole
 with LSI and LSIG Protection - /t OFF
Example Settings are for $I_n = 1600$ Amps
Interruption Ratings

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

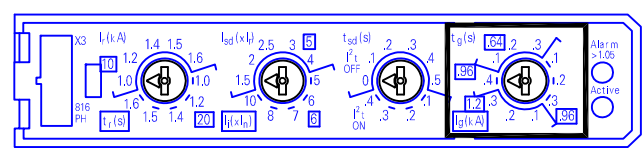


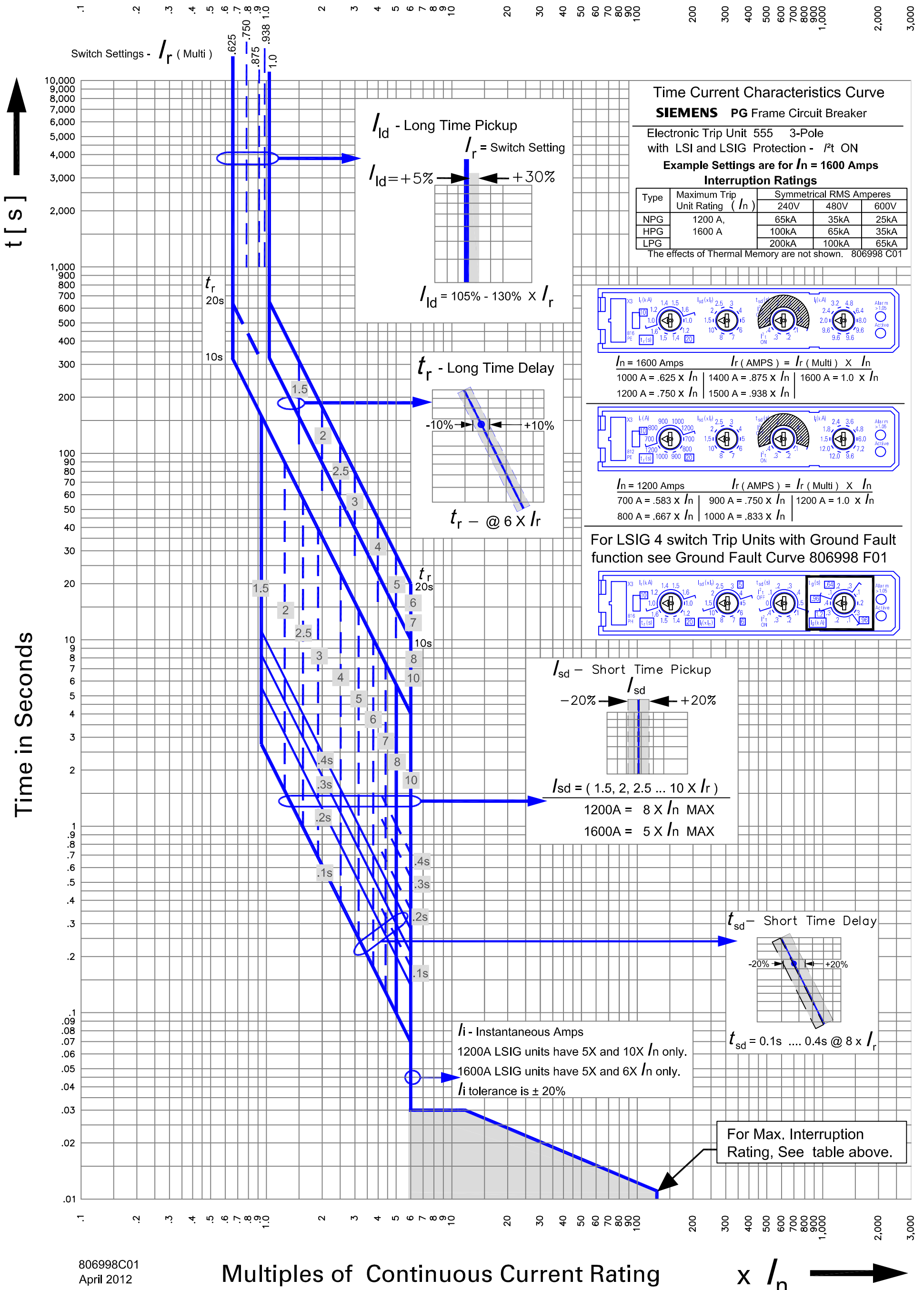
$I_n = 1600$ Amps I_r (AMPS) = I_r (Multi) $\times I_n$
 1000 A = .625 $\times I_n$ | 1400 A = .875 $\times I_n$ | 1600 A = 1.0 $\times I_n$
 1200 A = .750 $\times I_n$ | 1500 A = .938 $\times I_n$



$I_n = 1200$ 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





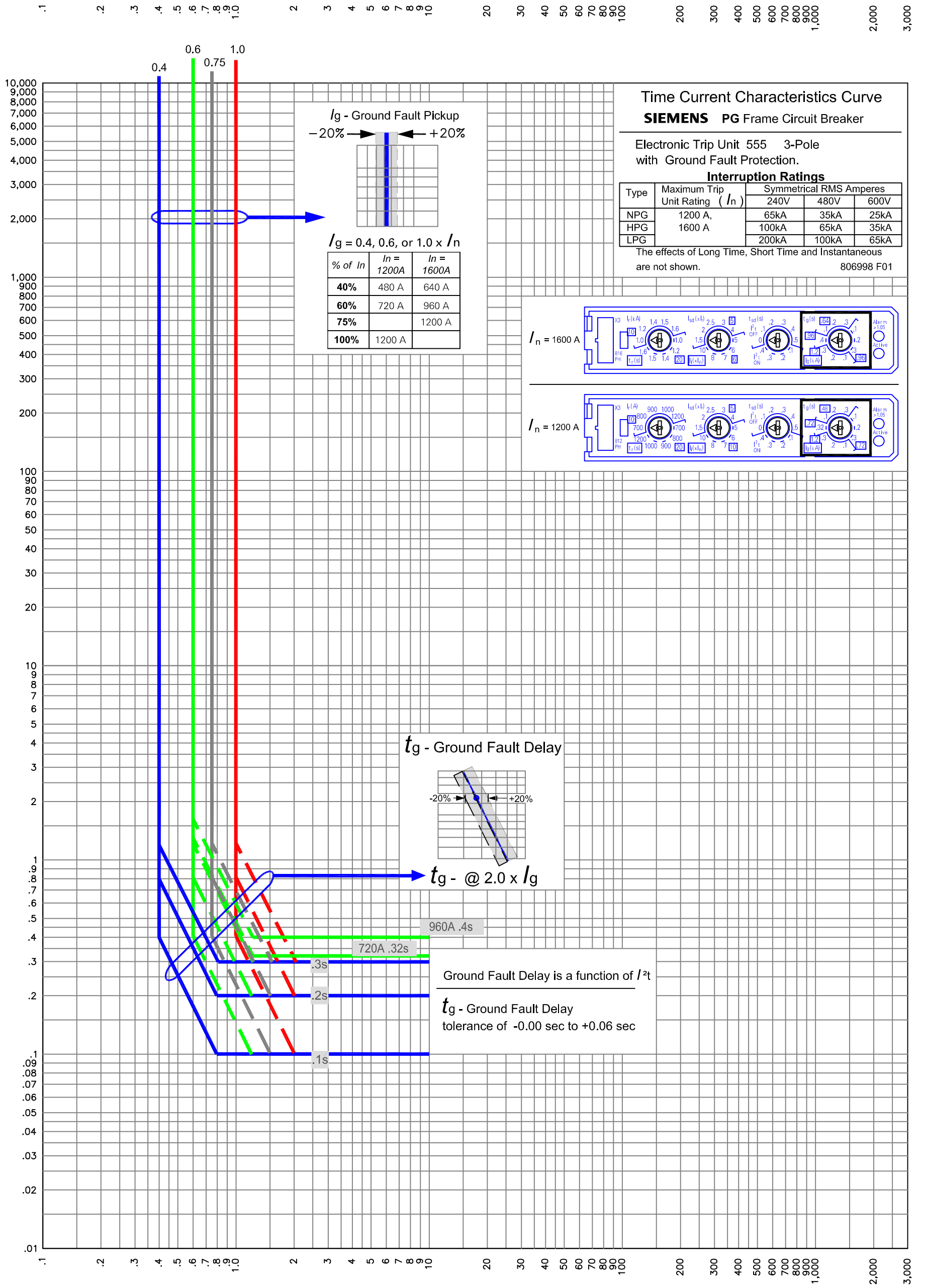
806998C01
 April 2012

Multiples of Continuous Current Rating

x In

t [s]

Time in Seconds



806998F01
 April 2012

Multiples of Continuous Current Rating

$\times I_n$