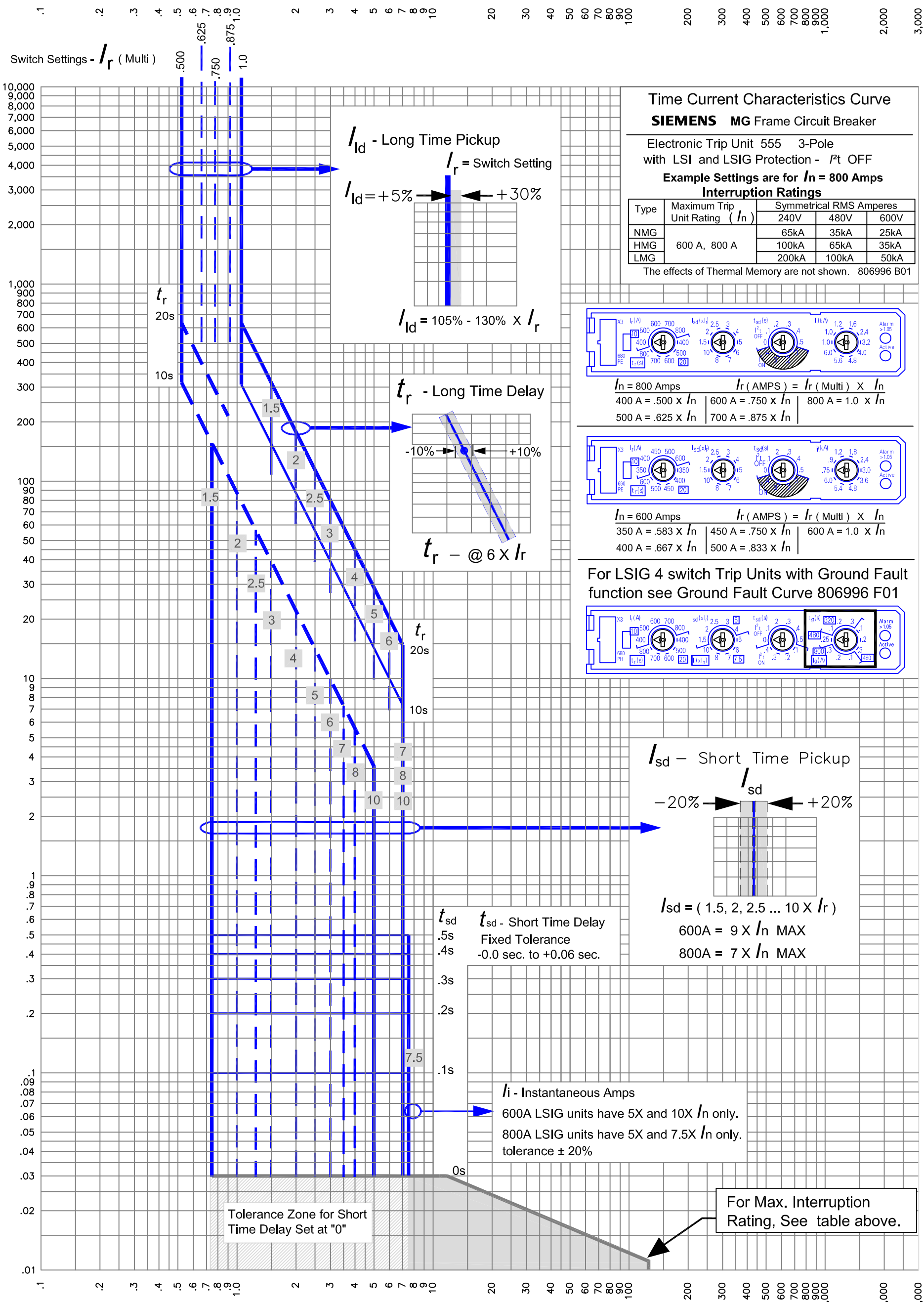


806996A01  
 April 2010

Multiples of Continuous Current Rating  $\times I_n$

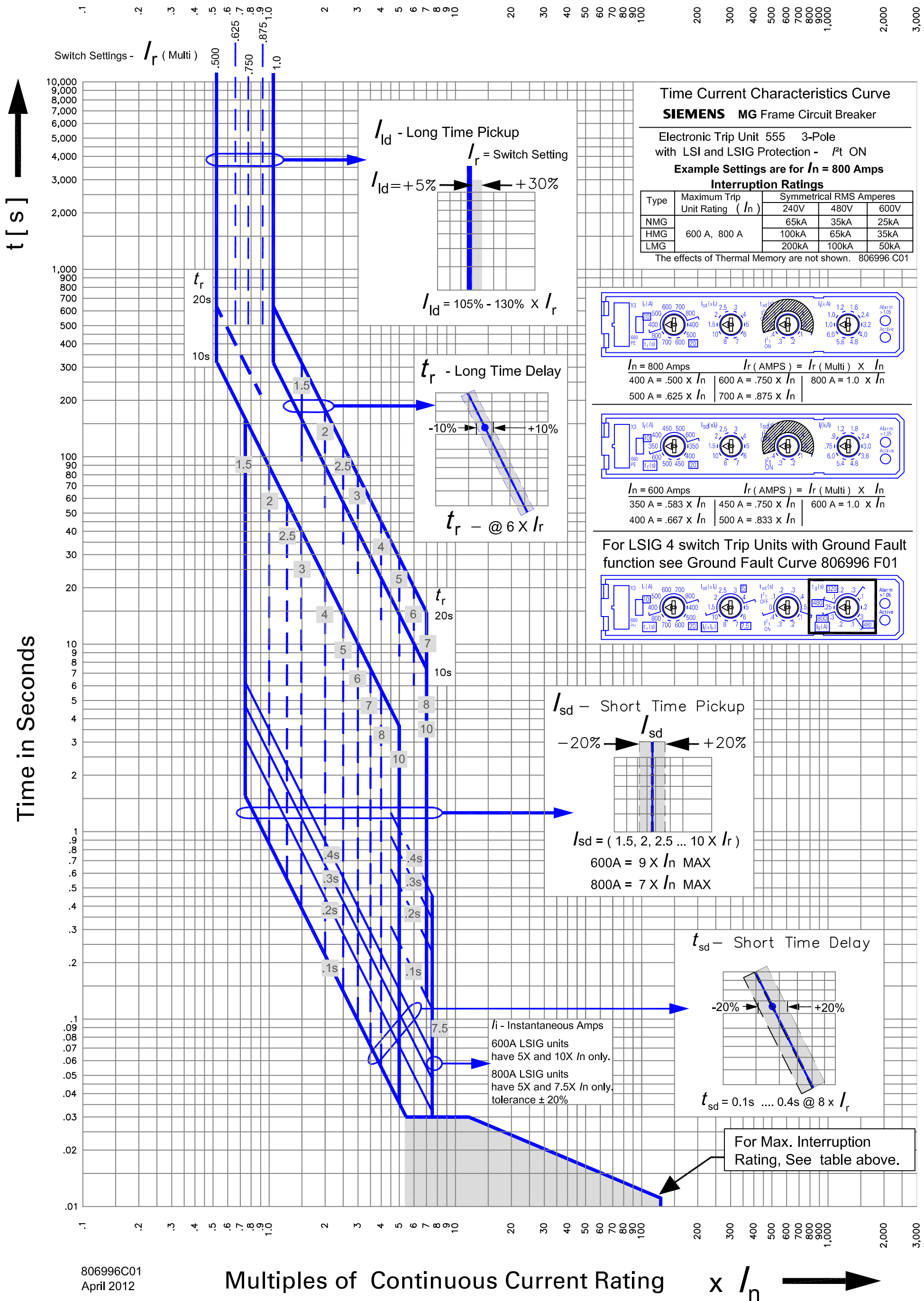
t [s]

Time in Seconds



806996B01  
April 2012

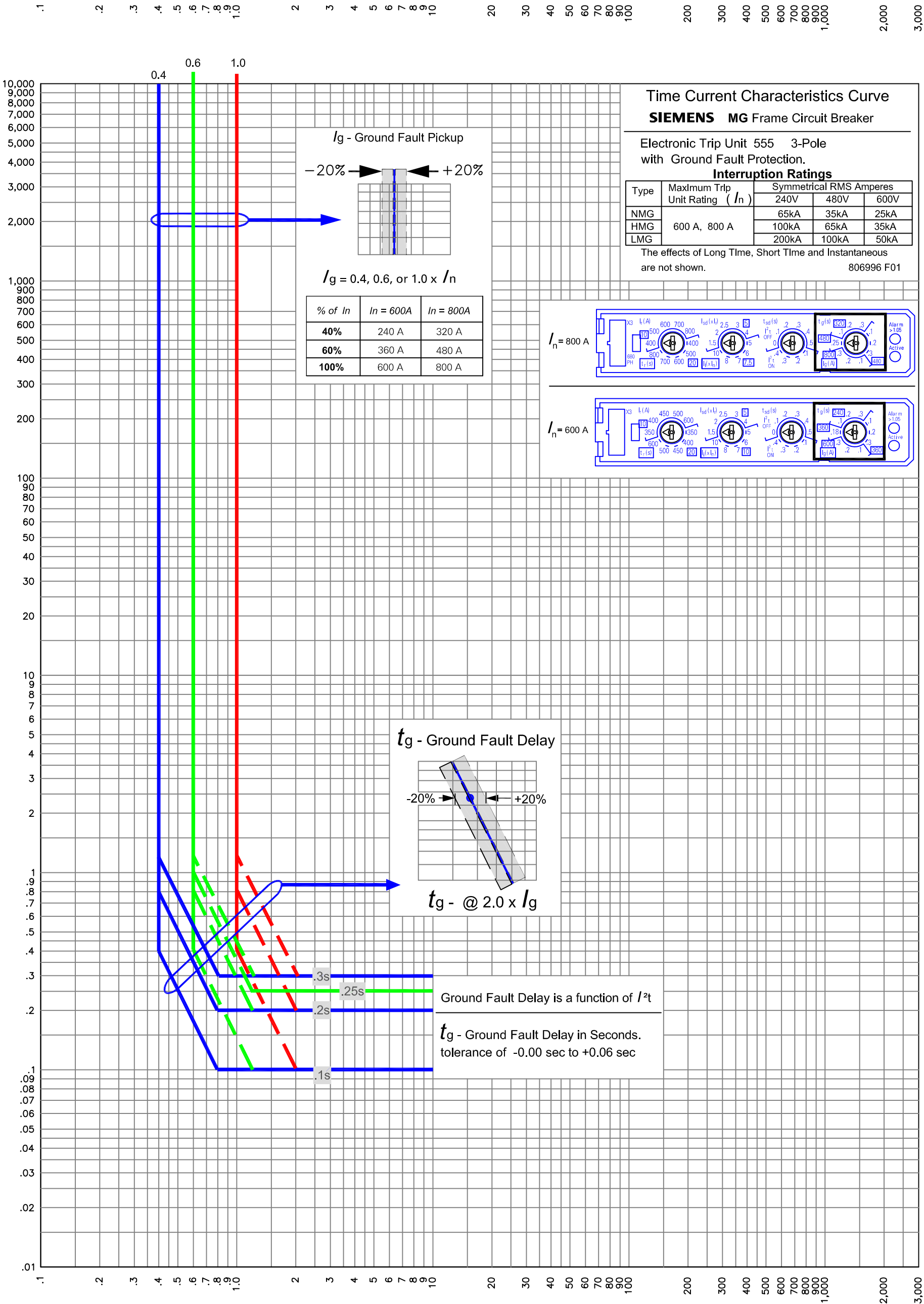
Multiples of Continuous Current Rating  $\times I_n$



806996C01  
 April 2012

t [ s ]

Time in Seconds



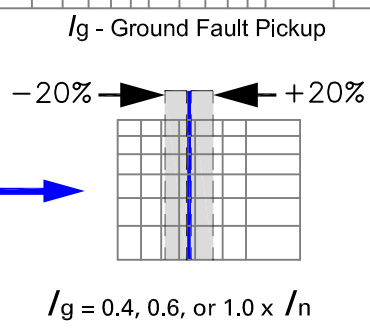
**Time Current Characteristics Curve**  
**SIEMENS MG Frame Circuit Breaker**

Electronic Trip Unit 555 3-Pole  
with Ground Fault Protection.

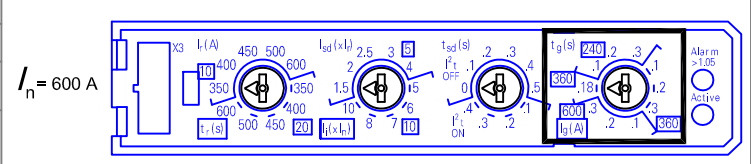
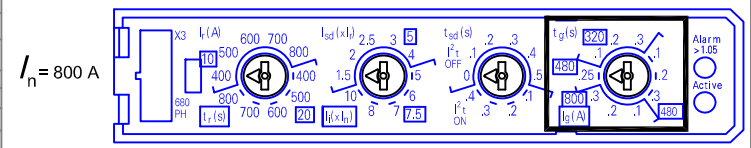
**Interruption Ratings**

Type	Maximum Trip Unit Rating ( $I_n$ )	Symmetrical RMS Amperes		
		240V	480V	600V
NMG	600 A, 800 A	65kA	35kA	25kA
HMG		100kA	65kA	35kA
LMG		200kA	100kA	50kA

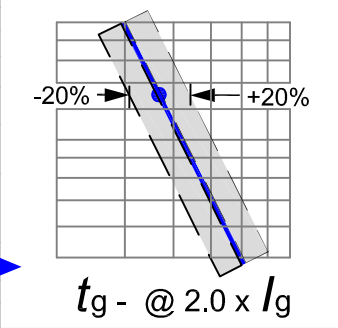
The effects of Long Time, Short Time and Instantaneous are not shown. 806996 F01



% of $I_n$	$I_n = 600A$	$I_n = 800A$
40%	240 A	320 A
60%	360 A	480 A
100%	600 A	800 A



$t_g$  - Ground Fault Delay



Ground Fault Delay is a function of  $I^2t$

$t_g$  - Ground Fault Delay in Seconds.  
tolerance of -0.00 sec to +0.06 sec