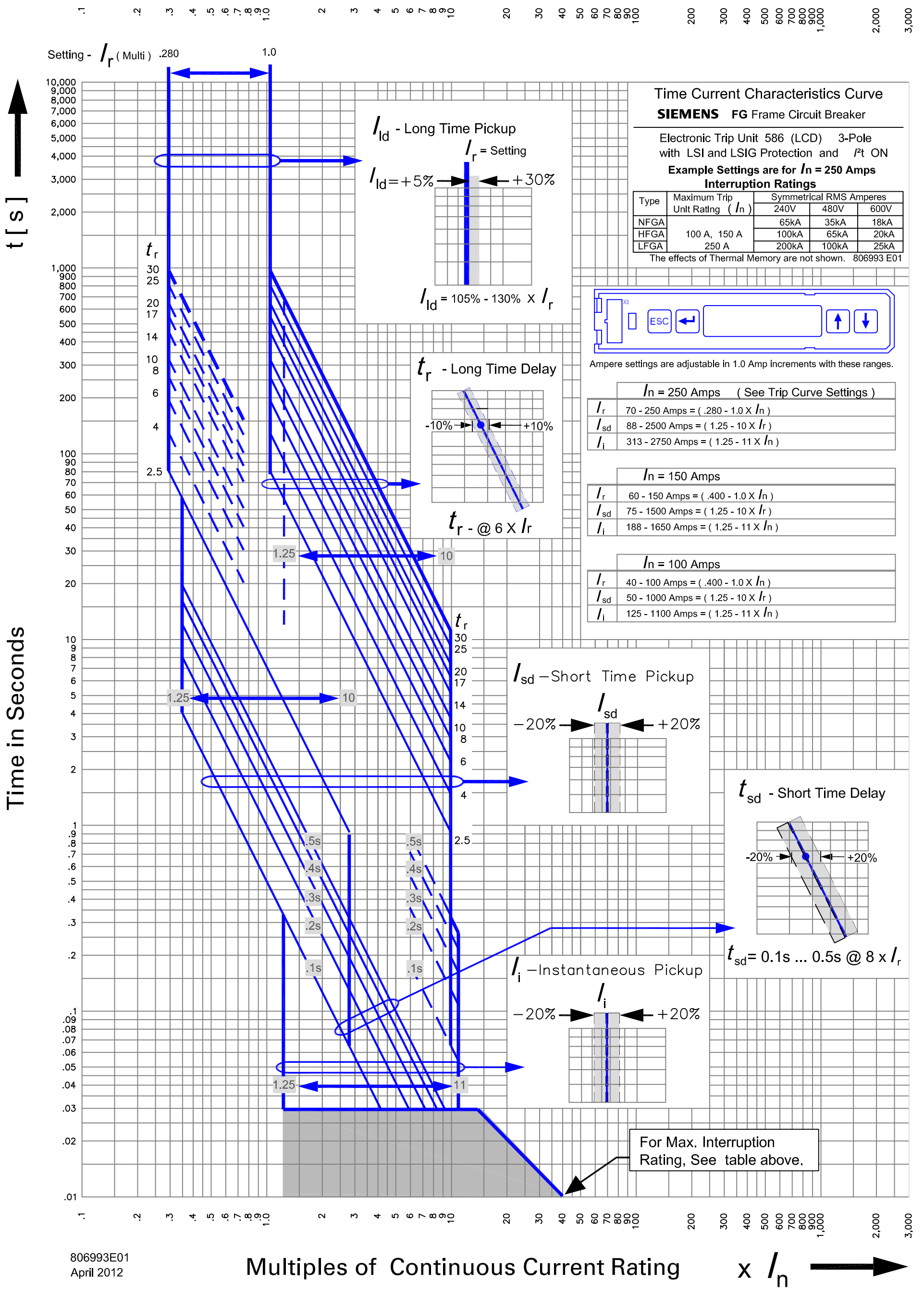


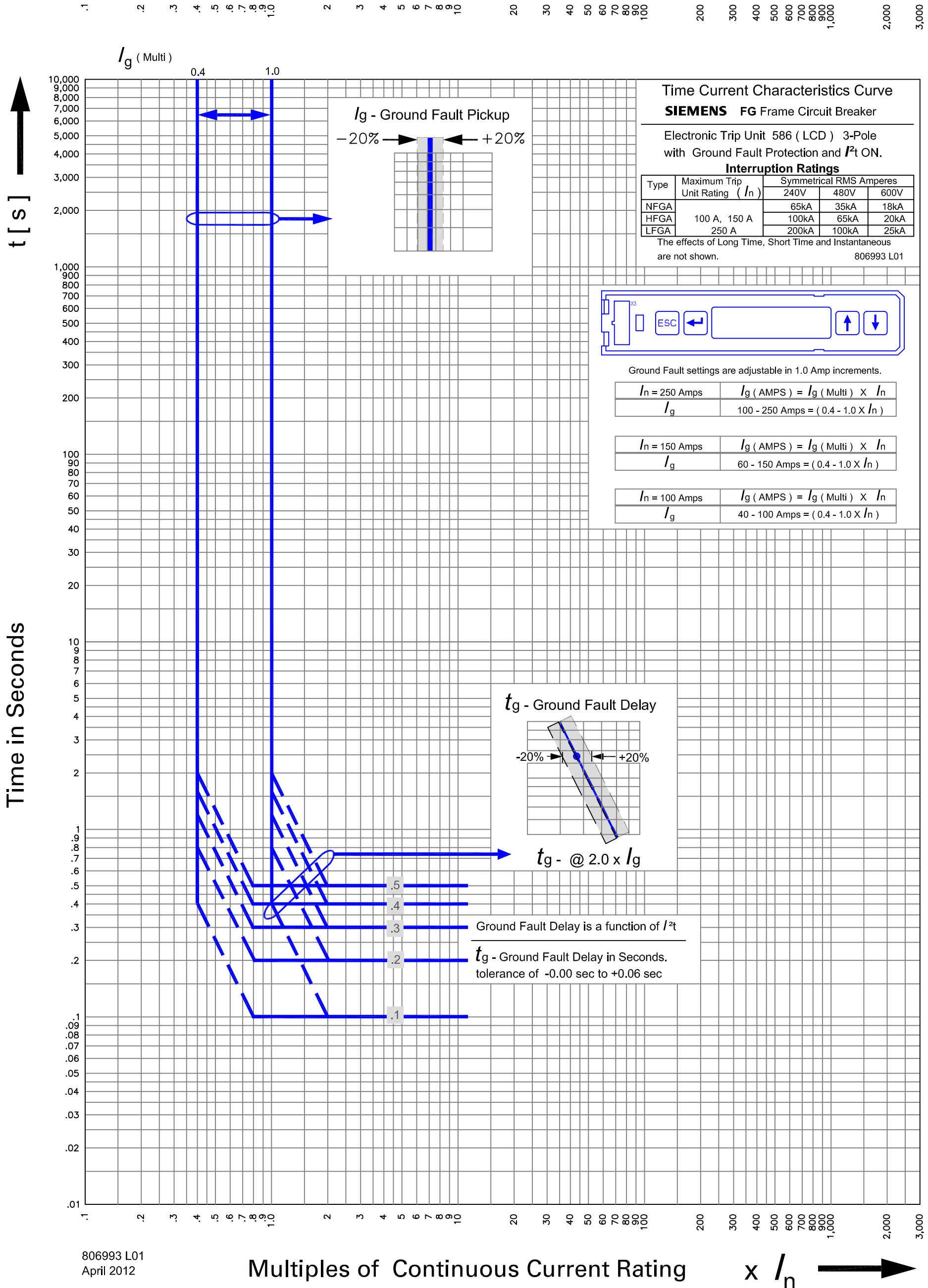
806993D01
 April 2012

Multiples of Continuous Current Rating $\times I_n$



806993E01
 April 2012

Multiples of Continuous Current Rating $\times I_n$

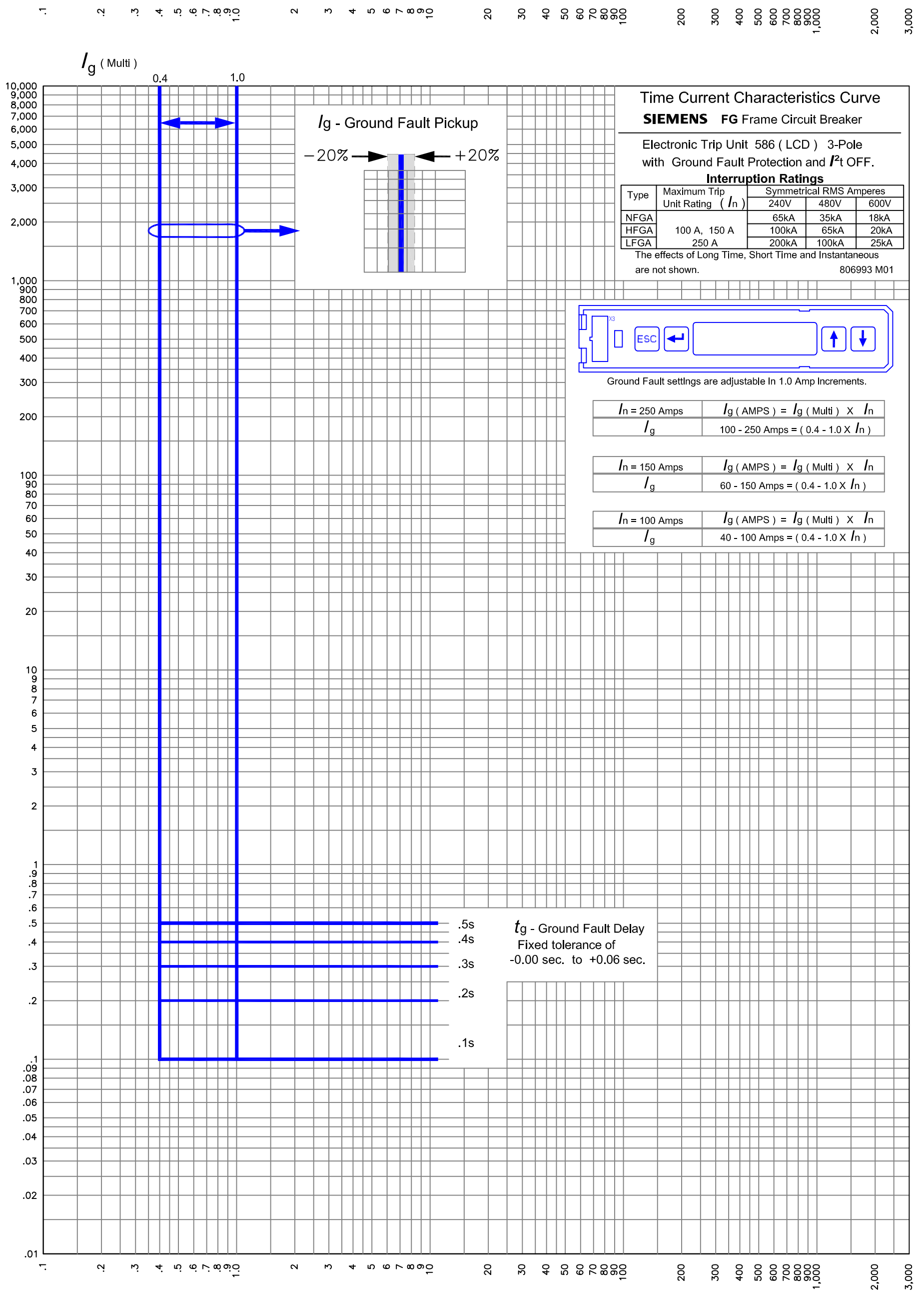


806993 L01
 April 2012

Multiples of Continuous Current Rating $\times I_n$

t [s]

Time in Seconds



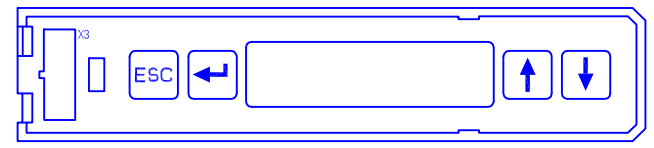
Time Current Characteristics Curve
SIEMENS FG Frame Circuit Breaker

Electronic Trip Unit 586 (LCD) 3-Pole
with Ground Fault Protection and I^2t OFF.

Interruption Ratings

Type	Maximum Trip Unit Rating (I_n)	Symmetrical RMS Amperes		
		240V	480V	600V
NFGA	100 A, 150 A 250 A	65kA	35kA	18kA
HFGA		100kA	65kA	20kA
LFGA		200kA	100kA	25kA

The effects of Long Time, Short Time and Instantaneous are not shown. 806993 M01



$I_n = 250$ Amps	$I_g (\text{AMPS}) = I_g (\text{Multi}) \times I_n$
I_g	100 - 250 Amps = (0.4 - 1.0 X I_n)

$I_n = 150$ Amps	$I_g (\text{AMPS}) = I_g (\text{Multi}) \times I_n$
I_g	60 - 150 Amps = (0.4 - 1.0 X I_n)

$I_n = 100$ Amps	$I_g (\text{AMPS}) = I_g (\text{Multi}) \times I_n$
I_g	40 - 100 Amps = (0.4 - 1.0 X I_n)

t_g - Ground Fault Delay
Fixed tolerance of
-0.00 sec. to +0.06 sec.

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Multiples of Continuous Current Rating $\times I_n$