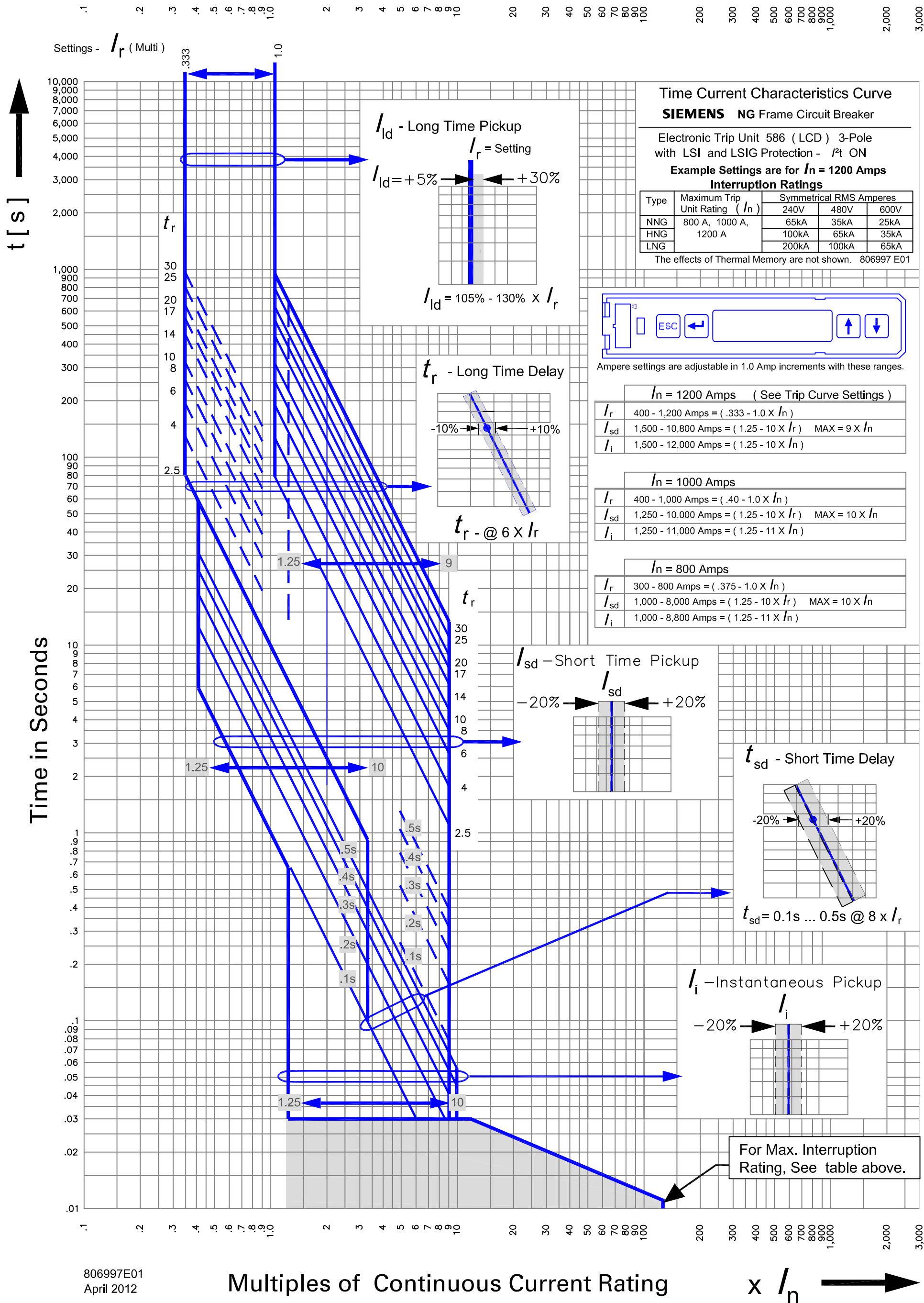


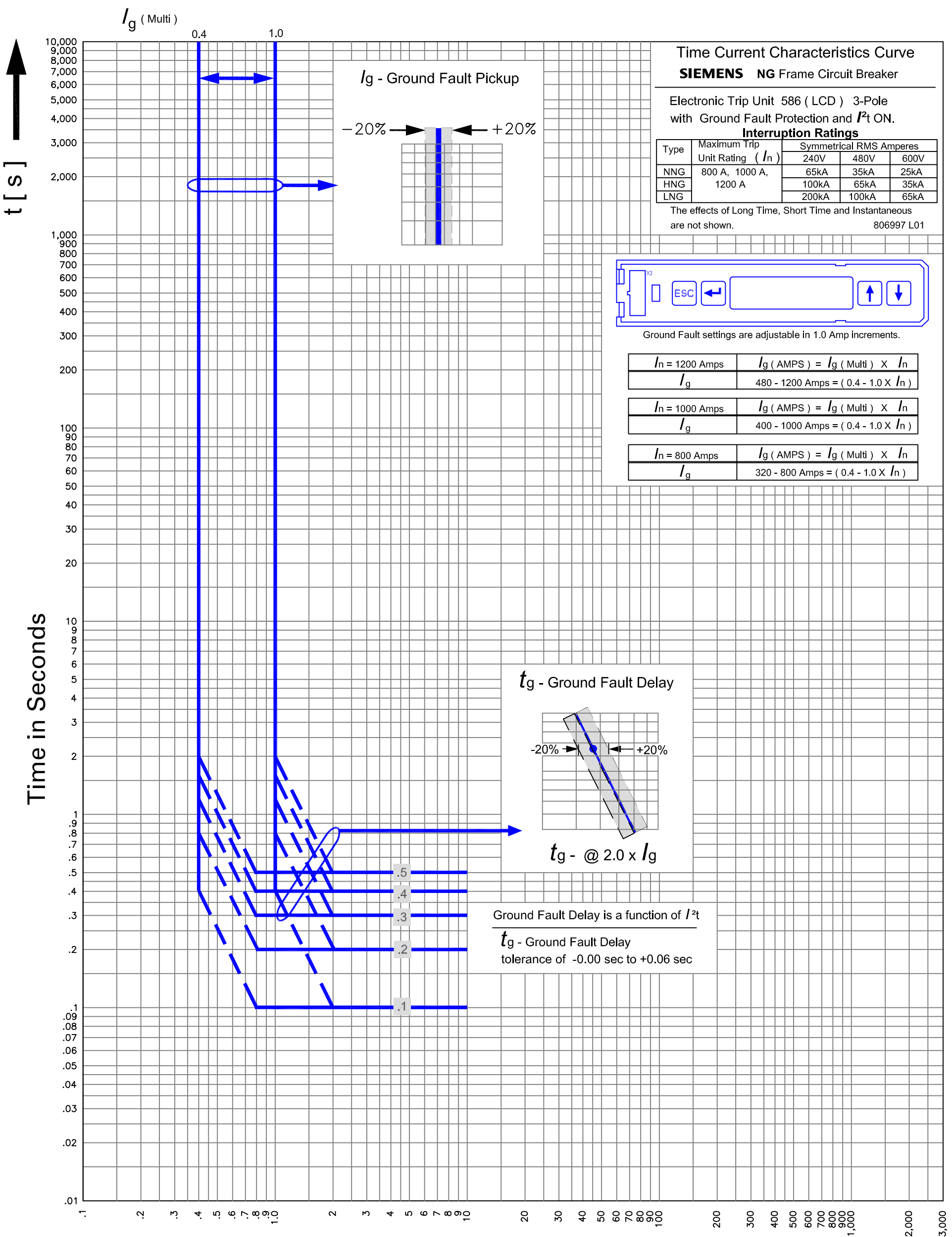
806997D01
 April 2012

Multiples of Continuous Current Rating

$\times I_n$



806997E01
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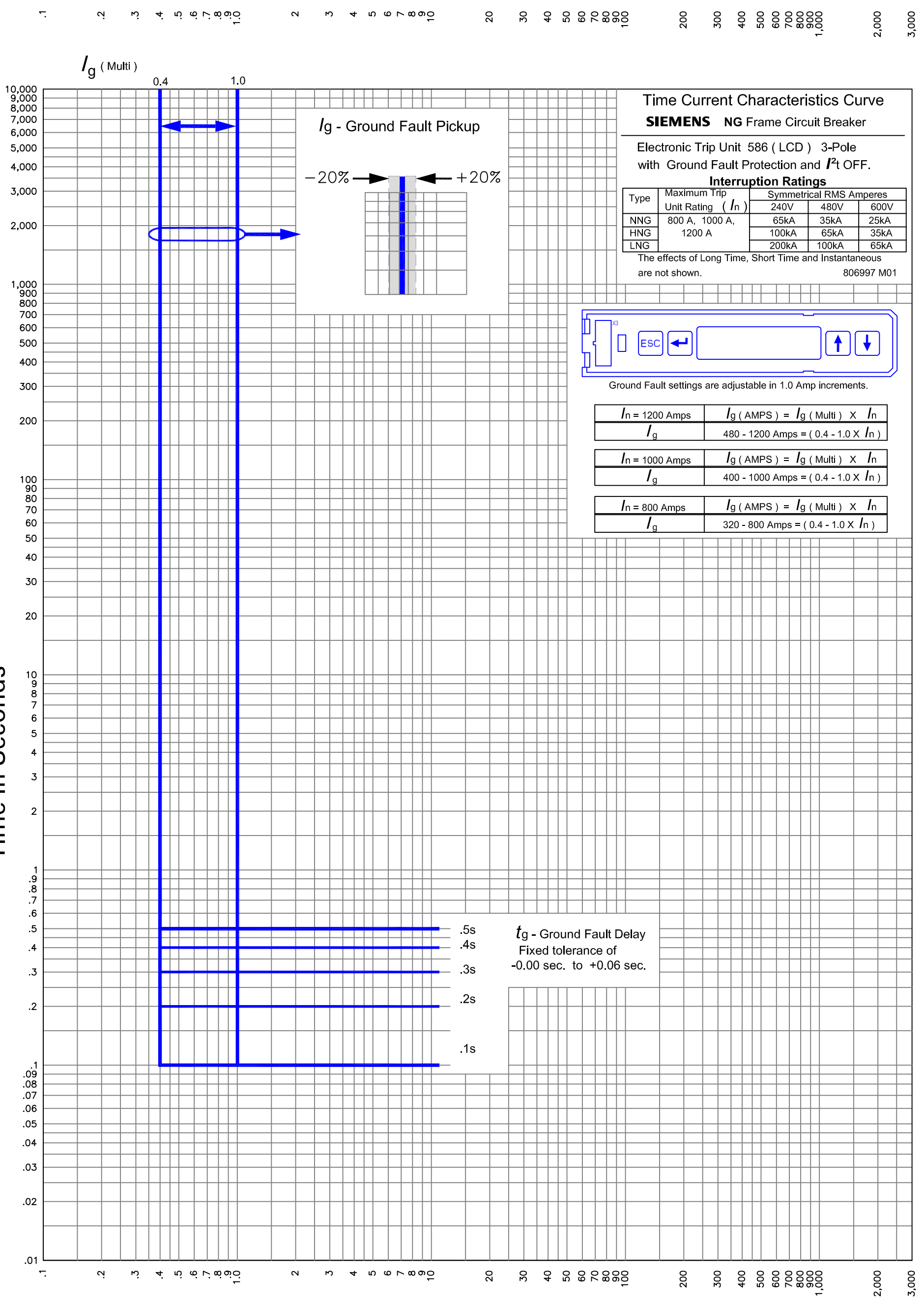
806997L01
 April 2012

Multiples of Continuous Current Rating

$\times I_n$

t [s]

Time in Seconds



Time Current Characteristics Curve
SIEMENS NG Frame Circuit Breaker

Electronic Trip Unit 586 (LCD) 3-Pole
with Ground Fault Protection and I²t OFF.

Interruption Ratings

Type	Maximum Trip Unit Rating (I _n)	Symmetrical RMS Amperes		
		240V	480V	600V
NNG	800 A, 1000 A,	65kA	35kA	25kA
HNG	1200 A	100kA	65kA	35kA
LNG		200kA	100kA	65kA

The effects of Long Time, Short Time and Instantaneous are not shown. 806997 M01



Ground Fault settings are adjustable in 1.0 Amp increments.

$I_n = 1200 \text{ Amps}$	$I_g (\text{AMPS}) = I_g (\text{Multi}) \times I_n$
I_g	480 - 1200 Amps = (0.4 - 1.0 X I _n)
$I_n = 1000 \text{ Amps}$	$I_g (\text{AMPS}) = I_g (\text{Multi}) \times I_n$
I_g	400 - 1000 Amps = (0.4 - 1.0 X I _n)
$I_n = 800 \text{ Amps}$	$I_g (\text{AMPS}) = I_g (\text{Multi}) \times I_n$
I_g	320 - 800 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 $\times I_n$