ERMCO COMPONENTS

Made in USA

Expulsion Fuses

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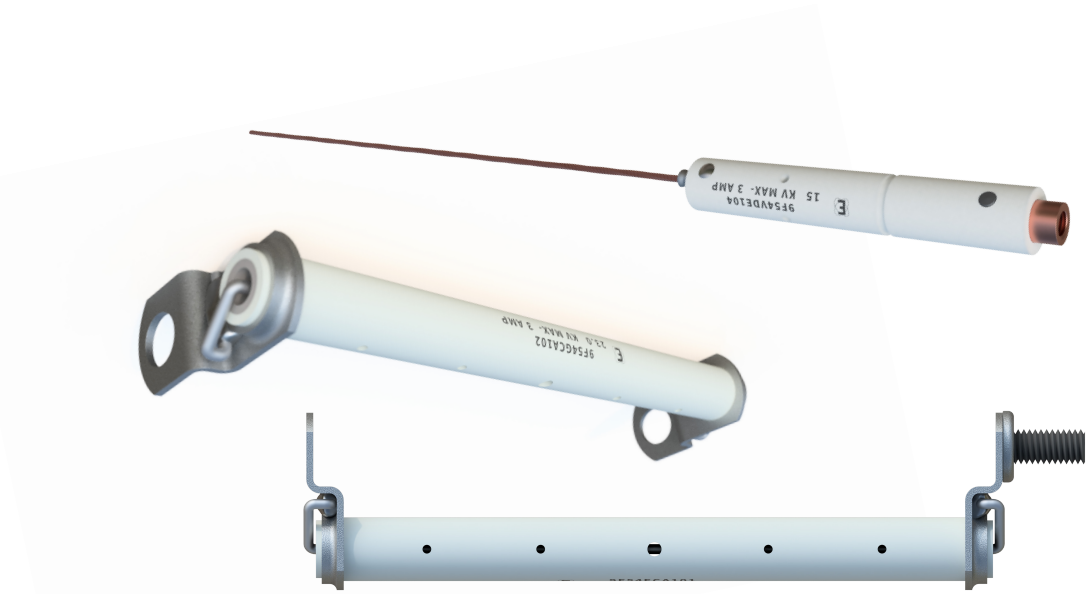
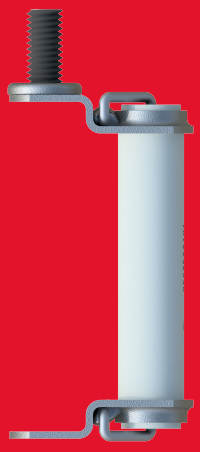


General Information

These weak link fuses are designed for application in the primary circuit of distribution transformers. The pupose is to protect the power system from a faulty distribution transformers by isolating it from the system

- 5.2 to 23 kV ratings
- 3 to 272Amps available
- Varios Terminal board mounting optons with or without studs
- Various bushing type mounting options
- Verrtical Mount Only

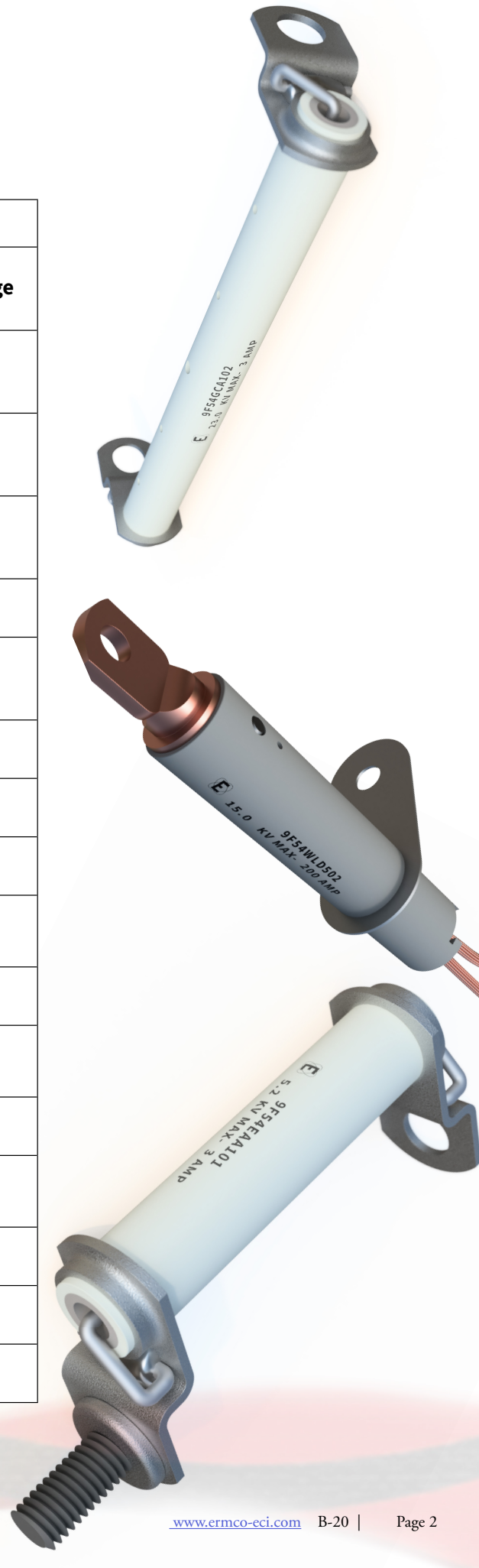
Oil Immersed Expulsion Fuses



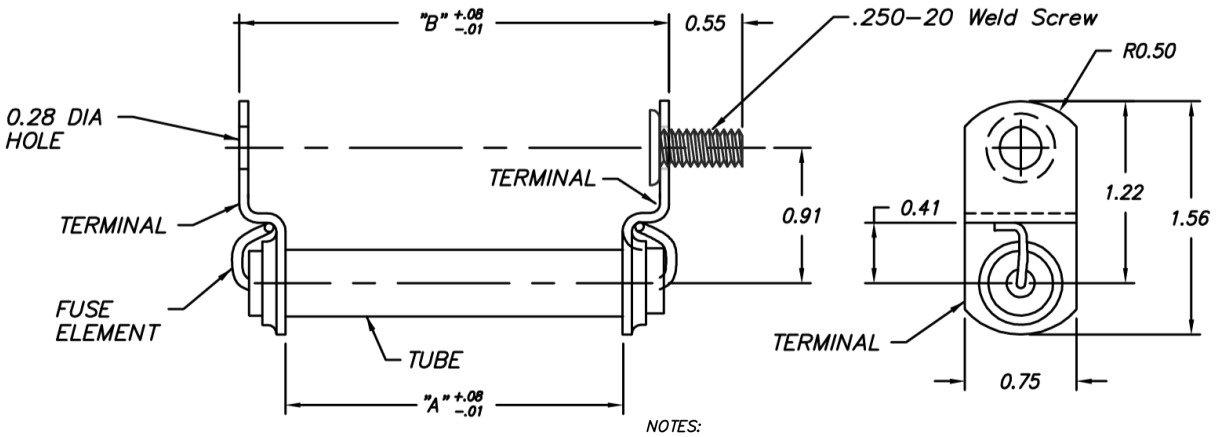
For more information contact
Componentssuport@ermco-eci.com
or call (423)638-2302
www.ermco-eci.com

Terminal Board Options

		Mounting Options			
Part number series	**Page**	**Terminal 1**	**Termina l 2**	**Maximum Design KV**	**Amp Range**
9F54DAxxx1	3	.28 dia hole	weld screw .250-20	5.2	3-57
9F54DBxxx1	3	.28 dia hole	weld screw .250-20	8.4	3-48
9F54DCxxx1	4	.28 dia hole	weld screw .250-20	23.0	3-28
9F54DCxxx2	5	.28 dia hole	.28 dia hole	23.0	3-28
9F54DDxxx1	6	.28 dia hole	weld screw .250-20	15.0	3-28
9F54DDxxx2	7	.28 dia hole	.28 dia hole	15.0	3-28
9F54WLDxxx	8	.260 dia hole	Cable	15.0	24-104
9F54WLDxxx	9	.260 dia hole	Cable	15.0	24-104
9F54ECxxx1	10	.343 dia hole	5/16 -18 UNC -2A weld screw	23.0	3-28
9F54ECxxx2	10	.343 dia hole	.343 dia hole	23.0	3-28
9F54EAxxx1	11	.343 dia hole	5/16 -18 UNC -2A weld screw	5.2	3-57
9F54EAxxx2	11	.343 dia hole	.343 dia hole	5.2	3-57
9F54EBxxx1	11	.343 dia hole	5/16 -18 UNC -2A weld screw	8.4	3-48
9F54EBxxx2	11	.343 dia hole	.343 dia hole	8.4	3-48
9F54GCXXX2	12	.390 dia hole	.390 dia hole	23.0	3-28
9F54GDXXX2	13	.390 dia hole	.390 dia hole	15.0	3-28

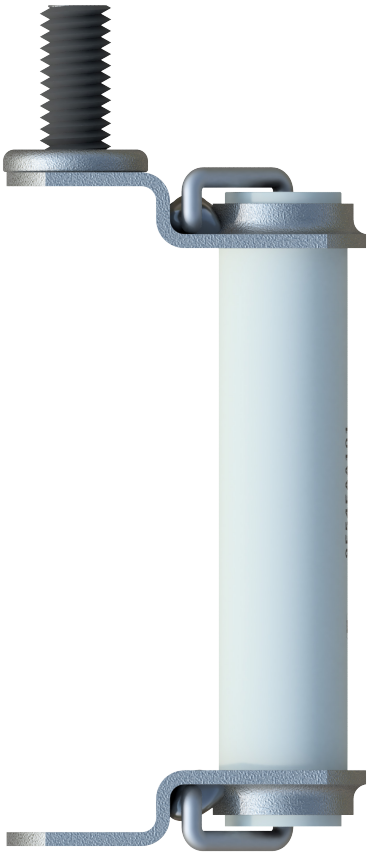


Details 9F54DAxxx1 & 9f54DBxxx1 series



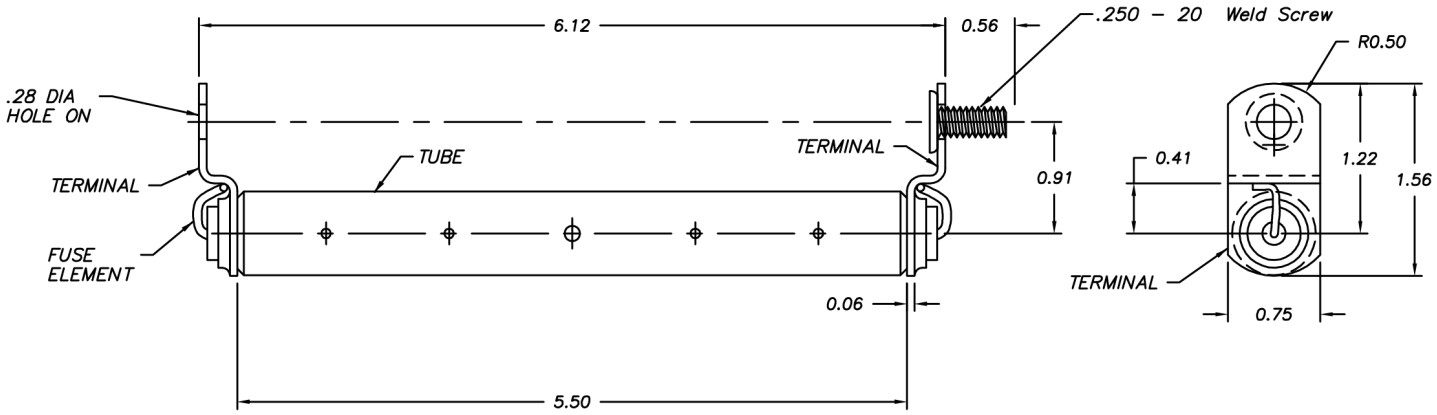
NOTES:

1. MINIMUM MELTING T.C.C. – GES 8316
   MAXIMUM TOTAL CLEARING T.C.C. – GES 8306
2. MINIMUM MELTING T.C.C. – GES 8317
   MAXIMUM TOTAL CLEARING T.C.C. – GES 8307
3. FOR VERTICAL MOUNTING ONLY.



MODEL NUMBER	"A"	"B"	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATING
9F54DAA101	2.25	2.88	A1 SEE NOTE 1	5.2	3
9F54DAA201	2.25	2.88	A2 SEE NOTE 1	5.2	4
9F54DAA301	2.25	2.88	A3 SEE NOTE 1	5.2	5
9F54DAA401	2.25	2.88	A4 SEE NOTE 1	5.2	7
9F54DAA501	2.25	2.88	A5 SEE NOTE 1	5.2	9
9F54DAA601	2.25	2.88	A6 SEE NOTE 1	5.2	10
9F54DAA701	2.25	2.88	A7 SEE NOTE 1	5.2	12
9F54DAA801	2.25	2.88	A8 SEE NOTE 1	5.2	15
9F54DAA901	2.25	2.88	A9 SEE NOTE 1	5.2	19
9F54DAB001	2.25	2.88	A10 SEE NOTE 1	5.2	24
9F54DAB101	2.25	2.88	A11 SEE NOTE 1	5.2	28
9F54DAB201	2.25	2.88	A12 SEE NOTE 1	5.2	39
9F54DAB301	2.25	2.88	A13 SEE NOTE 1	5.2	45
9F54DAB401	2.25	2.88	A14 SEE NOTE 1	5.2	57
9F54DBA101	3.25	3.88	B1 SEE NOTE 2	8.4	3
9F54DBA201	3.25	3.88	B2 SEE NOTE 2	8.4	4
9F54DBA301	3.25	3.88	B3 SEE NOTE 2	8.4	5
9F54DBA401	3.25	3.88	B4 SEE NOTE 2	8.4	7
9F54DBA501	3.25	3.88	B5 SEE NOTE 2	8.4	9
9F54DBA601	3.25	3.88	B6 SEE NOTE 2	8.4	10
9F54DBA701	3.25	3.88	B7 SEE NOTE 2	8.4	12
9F54DBA801	3.25	3.88	B8 SEE NOTE 2	8.4	15
9F54DBA901	3.25	3.88	B9 SEE NOTE 2	8.4	19
9F54DBB001	3.25	3.88	B10 SEE NOTE 2	8.4	24
9F54DBB101	3.25	3.88	B11 SEE NOTE 2	8.4	28
9F54DBB201	3.25	3.88	B12 SEE NOTE 2	8.4	34
9F54DBB301	3.25	3.88	B13 SEE NOTE 2	8.4	40
9F54DBB401	3.25	3.88	B14 SEE NOTE 2	8.4	48

Details 9F54DCxxx2 - series

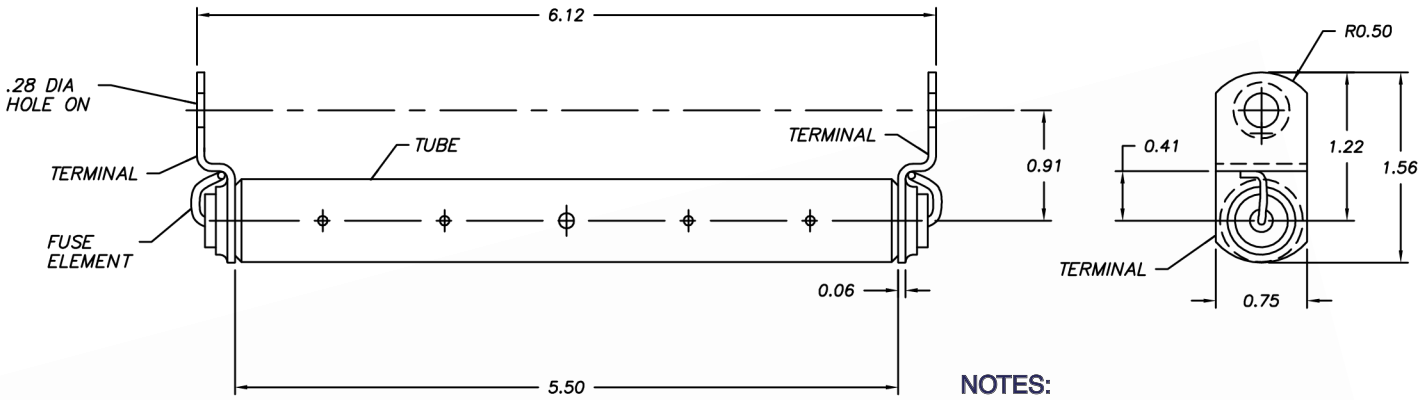


NOTES:

1. MINIMUM MELTING T.C.C.-GES 8318A
   MAXIMUM TOTAL CLEARING T.C.C.-GES 8308A
2. FOR VERTICAL MOUNTING ONLY.

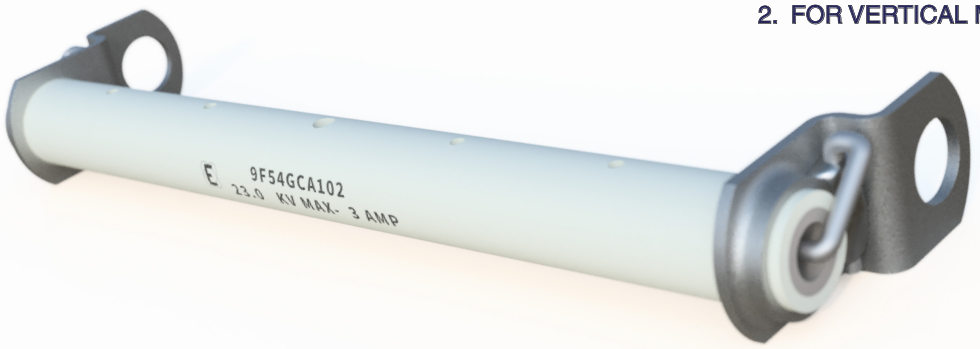
MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATING
9F54DCA101	C1 SEE NOTE 1	23.0	3
9F54DCA201	C2 SEE NOTE 1	23.0	4
9F54DCA301	C3 SEE NOTE 1	23.0	5
9F54DCA401	C4 SEE NOTE 1	23.0	7
9F54DCA501	C5 SEE NOTE 1	23.0	9
9F54DCA601	C6 SEE NOTE 1	23.0	10
9F54DCA701	C7 SEE NOTE 1	23.0	12
9F54DCA801	C8 SEE NOTE 1	23.0	15
9F54DCA901	C9 SEE NOTE 1	23.0	19
9F54DCB001	C10 SEE NOTE 1	23.0	24
9F54DCB101	C11 SEE NOTE 1	23.0	28

Details 9F54DCxxx2 - series

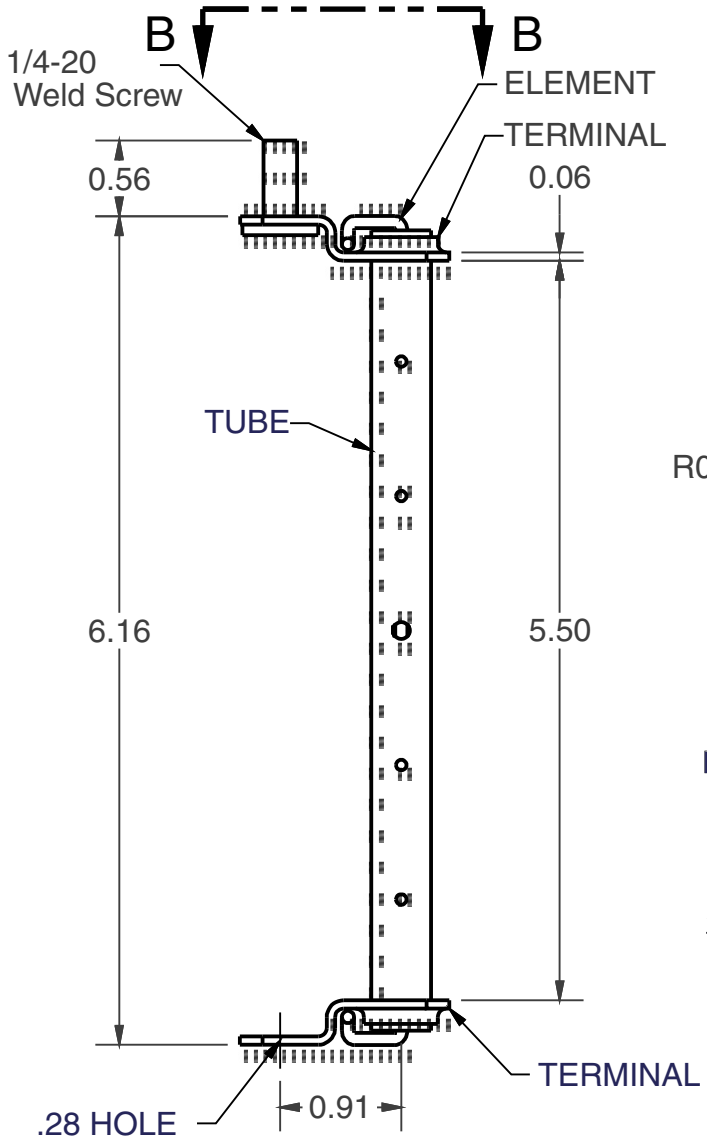


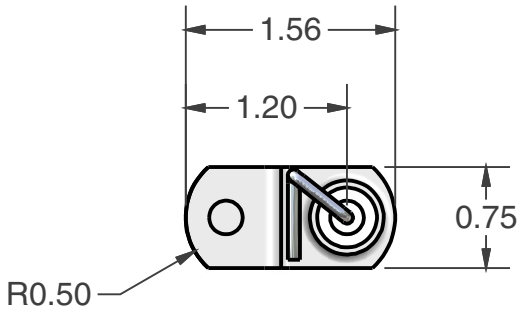
NOTES:

1. MINIMUM MELTING T.C.C.-GES 8318A MAXIMUM TOTAL CLEARING T.C.C.-GES 8308A
2. FOR VERTICAL MOUNTING ONLY.



MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATING
9F54DCA102	C1 SEE NOTE 1	23.0	3
9F54DCA202	C2 SEE NOTE 1	23.0	4
9F54DCA302	C3 SEE NOTE 1	23.0	5
9F54DCA402	C4 SEE NOTE 1	23.0	7
9F54DCA502	C5 SEE NOTE 1	23.0	9
9F54DCA602	C6 SEE NOTE 1	23.0	10
9F54DCA702	C7 SEE NOTE 1	23.0	12
9F54DCA802	C8 SEE NOTE 1	23.0	15
9F54DCA902	C9 SEE NOTE 1	23.0	19
9F54DCB002	C10 SEE NOTE 1	23.0	24
9F54DCB102	C11 SEE NOTE 1	23.0	28





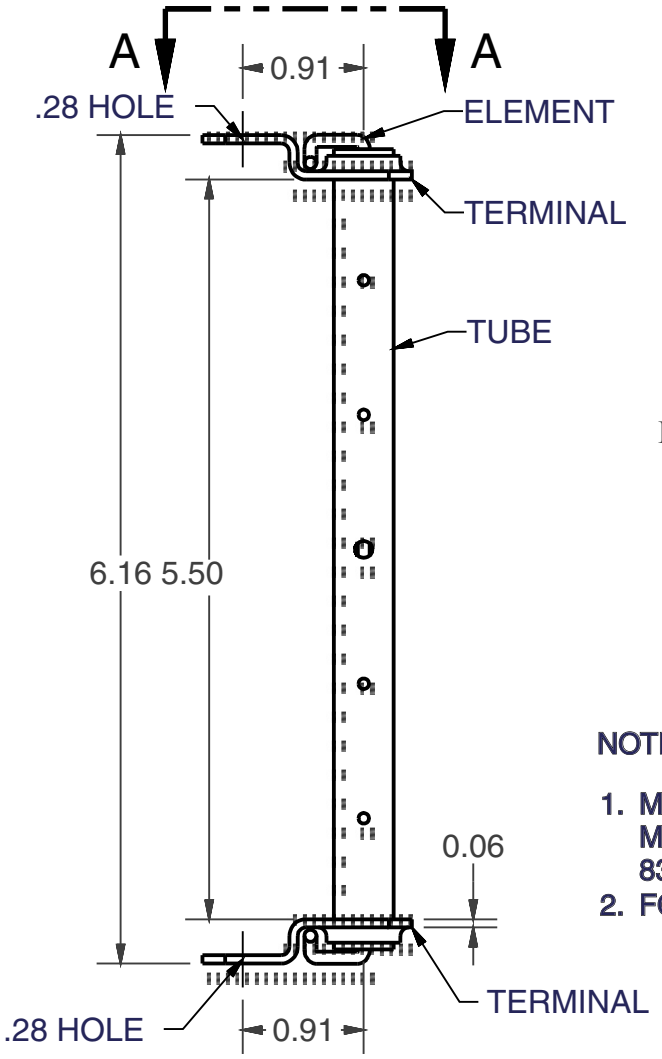
VIEW B-B

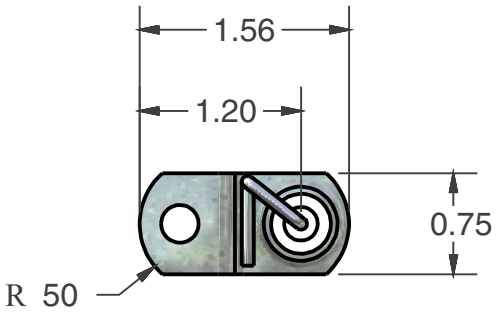
NOTES:

1. MINIMUM MELTING T.C.C.-GES 8318A
   MAXIMUM TOTAL CLEARING T.C.C.-GES 8308A
2. FOR VERTICAL MOUNTING ONLY.

MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN kV	AMP RATING
9F54DDA101	C1 SEE NOTE 1	15	3
9F54DDA201	C2 SEE NOTE 1	15	4
9F54DDA301	C3 SEE NOTE 1	15	5
9F54DDA401	C4 SEE NOTE 1	15	7
9F54DDA501	C5 SEE NOTE 1	15	9
9F54DDA601	C6 SEE NOTE 1	15	10
9F54DDA701	C7 SEE NOTE 1	15	12
9F54DDA801	C8 SEE NOTE 1	15	15
9F54DDA901	C9 SEE NOTE 1	15	19
9F54DDB001	C10 SEE NOTE 1	15	24
9F54DDB101	C11 SEE NOTE 1	15	28

Details 9F54DD series





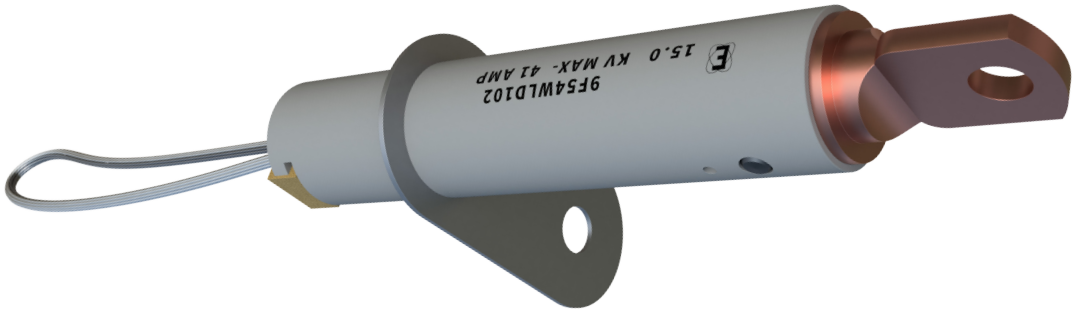
VIEW A-A

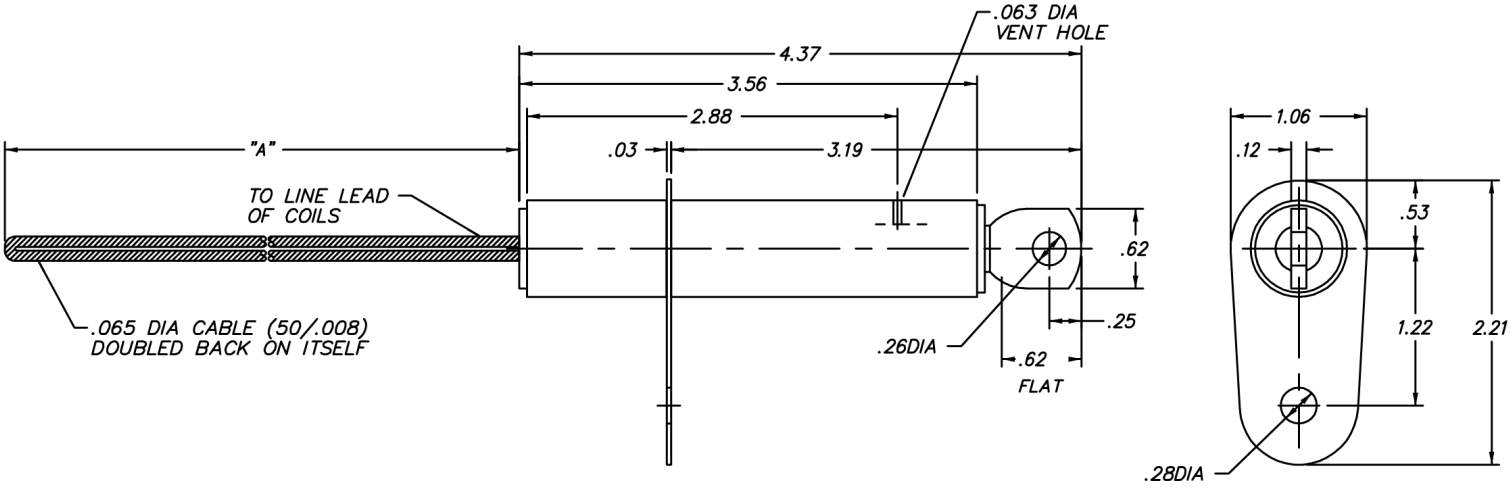
NOTES:

1. MINIMUM MELTING T.C.C.-GES 8318A
   MAXIMUM TOTAL CLEARING T.C.C.-GES 8308A
2. FOR VERTICAL MOUNTING ONLY.

MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN kV	AMP RATING
9F54DDA102	C1 SEE NOTE 1	15	3
9F54DDA202	C2 SEE NOTE 1	15	4
9F54DDA302	C3 SEE NOTE 1	15	5
9F54DDA402	C4 SEE NOTE 1	15	7
9F54DDA502	C5 SEE NOTE 1	15	9
9F54DDA602	C6 SEE NOTE 1	15	10
9F54DDA702	C7 SEE NOTE 1	15	12
9F54DDA802	C8 SEE NOTE 1	15	15
9F54DDA902	C9 SEE NOTE 1	15	19
9F54DDB002	C10 SEE NOTE 1	15	24
9F54DDB102	C11 SEE NOTE 1	15	28

Details 9F54WLD xxx - 24 -104 AMPS

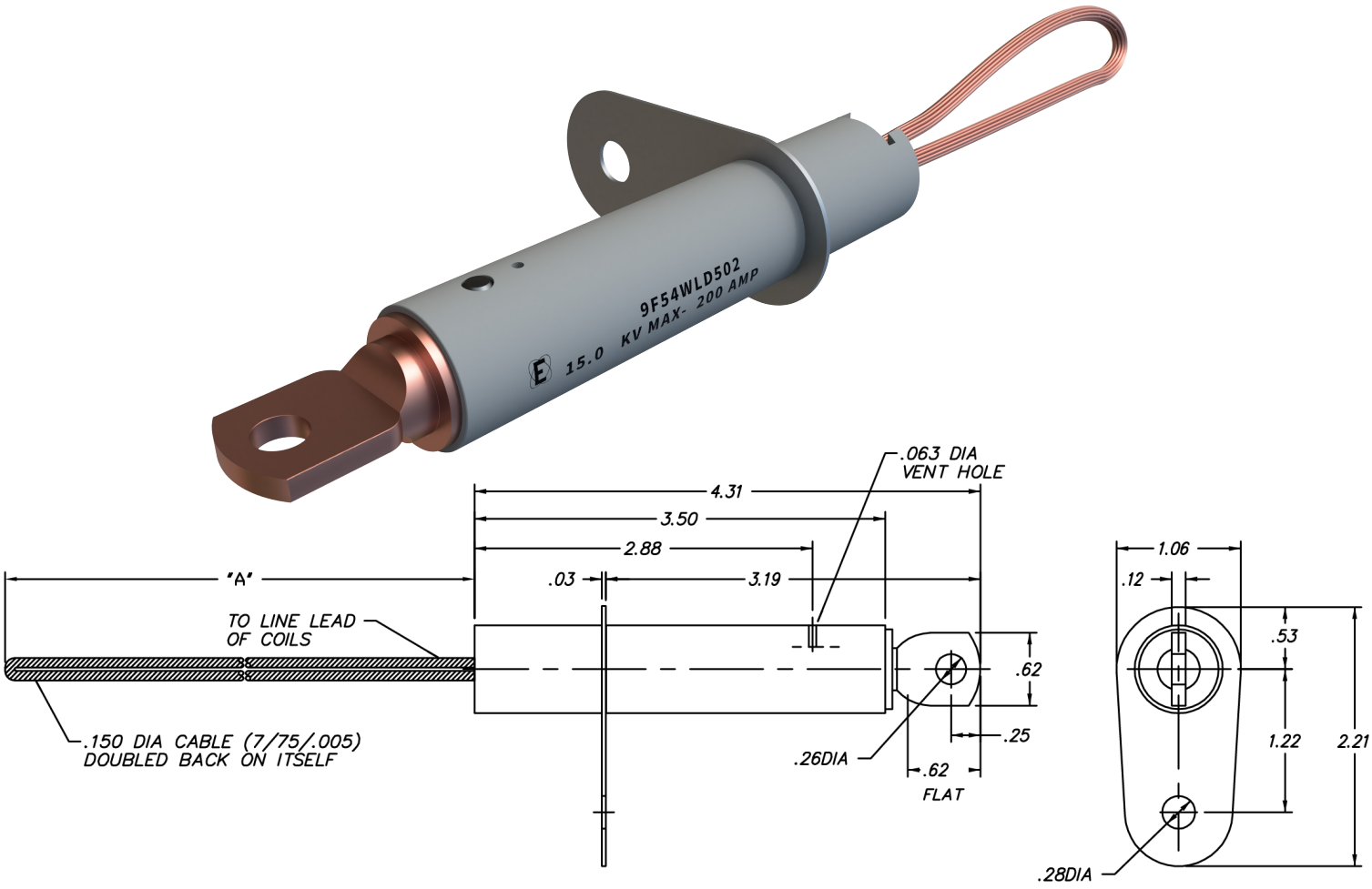




NOTES:
1. MINIMUM MELTING T.C.C. – GES 8311
   MAXIMUM TOTAL CLEARING T.C.C. – GES 8301–A
2. FUSE MUST BE MOUNTED VERTICAL
   WITH THE .12 X .62 COPPER TANG UP.

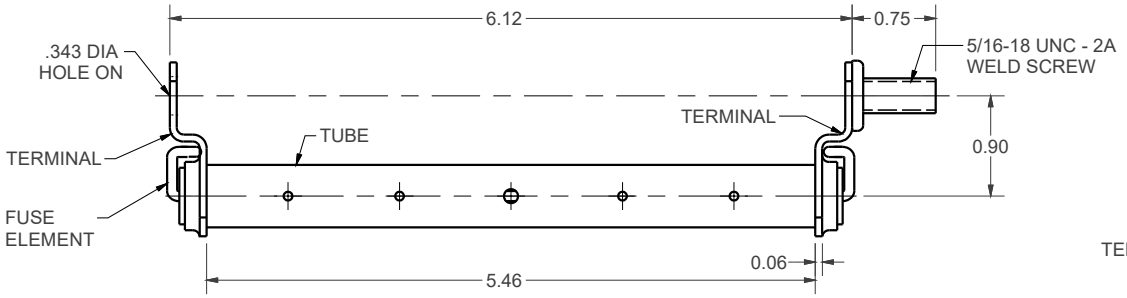
MODEL NUMBER	"A"	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATING
9F54WLD002	4.00	30 SEE NOTE 1	15.0	24
9F54WLD102	4.00	31 SEE NOTE 1	15.0	41
9F54WLD202	4.00	32 SEE NOTE 1	15.0	74
9F54WLD303	4.00	33 SEE NOTE 1	15.0	104
9F54WLD302	8.00	33 SEE NOTE 1	15.0	104

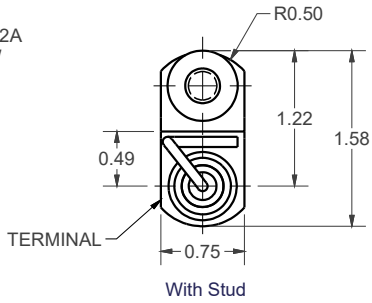
Details 9F54WLD xxx - 146 -272 AMPS



NOTES:
1. MINIMUM MELTING T.C.C. – GES 8311
   MAXIMUM TOTAL CLEARING T.C.C. – GES 8301–A
2. FUSE MUST BE MOUNTED VERTICAL
   WITH THE .12 X .62 COPPER TANG UP.

MODEL NUMBER	"A"	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATINGS
9F54WLD402	4.00	34 SEE NOTE 1	15.0	146
9F54WLD502	4.00	35 SEE NOTE 1	15.0	200
9F54WLD602	4.00	36 SEE NOTE 1	15.0	272

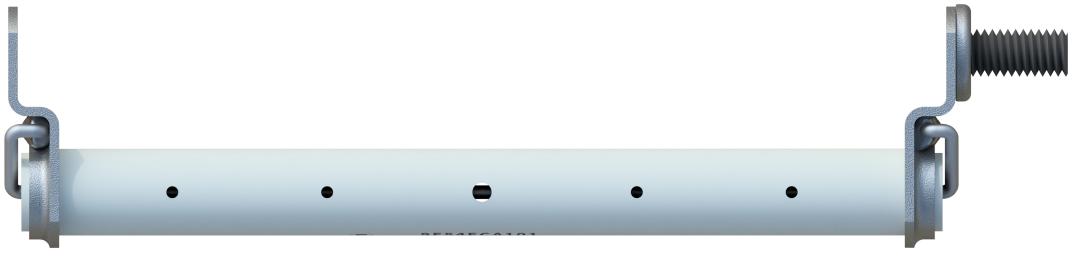


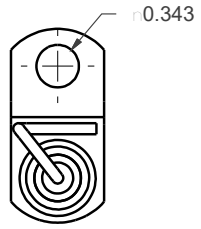


With Stud

NOTES:

1. MINIMUM MELTING T.C.C. - GES 8318A
   MAXIMUM TOTAL CLEARING T.C.C. - GES 8308A
2. FOR VERTICAL MOUNTING ONLY.

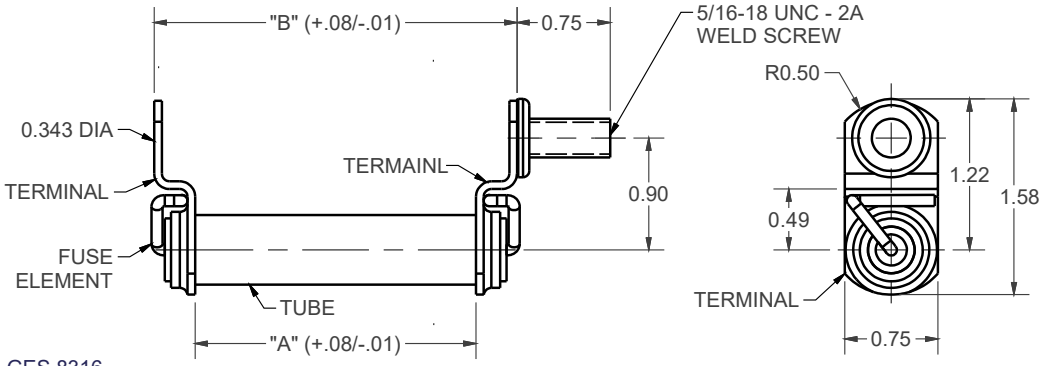




Without Stud

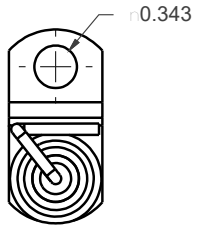
Model Number				
With Stud	Without Stud	TIME CURRENT CURVE NUMBER	MAXIMUM DESIGN KV	AMP RATING
9F54ECA101	9F54ECA102	C1 SEE NOTE 1	23.0	3
9F54ECA201	9F54ECA202	C2 SEE NOTE 1	23.0	4
9F54ECA301	9F54ECA302	C3 SEE NOTE 1	23.0	5
9F54ECA401	9F54ECA402	C4 SEE NOTE 1	23.0	7
9F54ECA501	9F54ECA502	C5 SEE NOTE 1	23.0	9
9F54ECA601	9F54ECA602	C6 SEE NOTE 1	23.0	10
9F54ECA701	9F54ECA702	C7 SEE NOTE 1	23.0	12
9F54ECA801	9F54ECA802	C8 SEE NOTE 1	23.0	15
9F54ECA901	9F54ECA902	C9 SEE NOTE 1	23.0	19
9F54ECB001	9F54ECB002	C10 SEE NOTE 1	23.0	24
9F54ECB101	9F54ECB102	C11 SEE NOTE 1	23.0	28

Details 9F54EAxxxx & 9F54EBxxxx Series

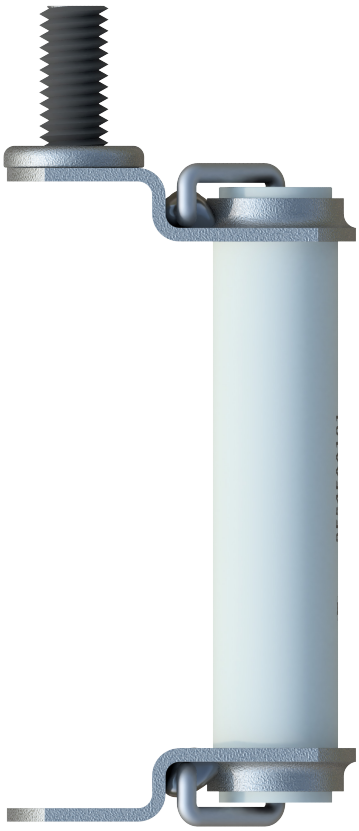


WITH STUD

NOTES:
1. MINIMUM MELTING T.C.C. - GES 8316
   MAXIMUM TOTAL CLEARING T.C.C. - GES 8306
2. MINIMUM MELTING T.C.C. - GES 8317
MAXIMUM TOTAL CLEARING T.C.C. - GES 8307
3. FOR VERTICAL MOUNTING ONLY.

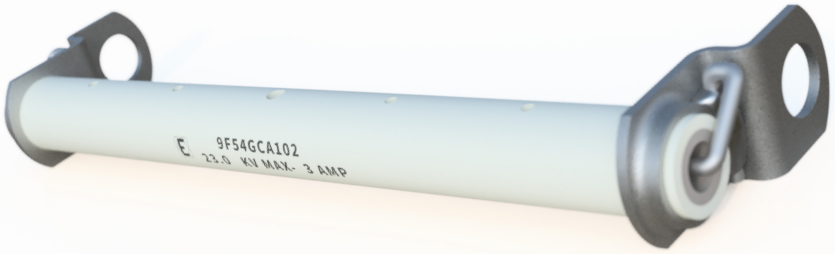


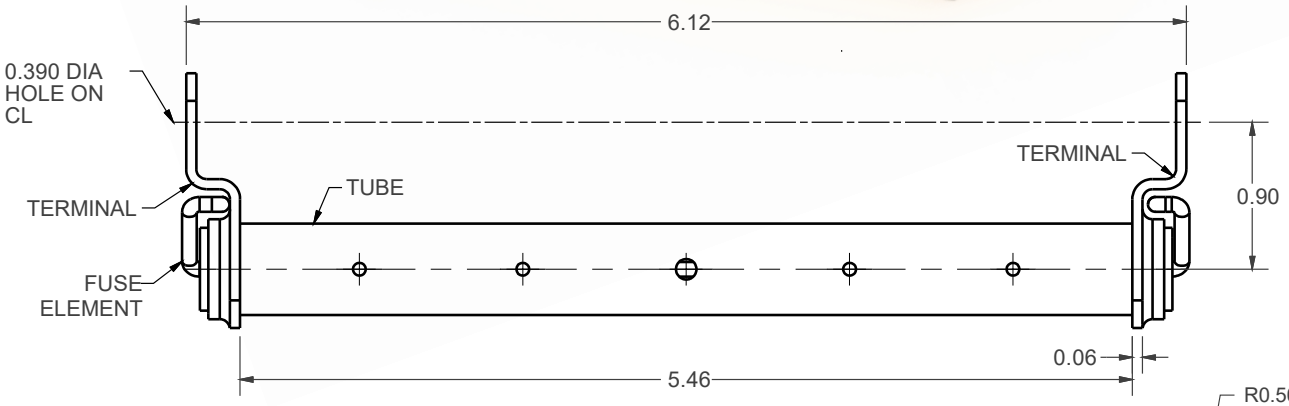
WITHOUT STUD



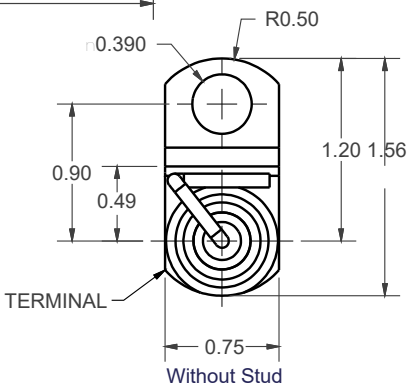
Model Number						
With Stud	Without Stud	"A"	"B"	TIME CURRENT CURVE NUMBER	MAXIMUM DESIGN KV	AMP RATING
9F54EAA101	9F54EAA102	2.26	2.92	A1 SEE NOTE 1	5.2	3
9F54EAA201	9F54EAA202	2.26	2.92	A2 SEE NOTE 1	5.2	4
9F54EAA301	9F54EAA302	2.26	2.92	A3 SEE NOTE 1	5.2	5
9F54EAA401	9F54EAA402	2.26	2.92	A4 SEE NOTE 1	5.2	7
9F54EAA501	9F54EAA502	2.26	2.92	A5 SEE NOTE 1	5.2	9
9F54EAA601	9F54EAA602	2.26	2.92	A6 SEE NOTE 1	5.2	10
9F54EAA701	9F54EAA702	2.26	2.92	A7 SEE NOTE 1	5.2	12
9F54EAA801	9F54EAA802	2.26	2.92	A8 SEE NOTE 1	5.2	15
9F54EAA901	9F54EAA902	2.26	2.92	A9 SEE NOTE 1	5.2	19
9F54EAB001	9F54EAB002	2.26	2.92	A10 SEE NOTE 1	5.2	24
9F54EAB101	9F54EAB102	2.26	2.92	A11 SEE NOTE 1	5.2	28
9F54EAB201	9F54EAB202	2.26	2.92	A12 SEE NOTE 1	5.2	39
9F54EAB301	9F54EAB302	2.26	2.92	A13 SEE NOTE 1	5.2	45
9F54EAB401	9F54EAB402	2.26	2.92	A14 SEE NOTE 1	5.2	57
9F54EBA101	9F54EBA102	3.26	3.92	B1 SEE NOTE 2	8.4	3
9F54EBA201	9F54EBA202	3.26	3.92	B2 SEE NOTE 2	8.4	4
9F54EBA301	9F54EBA302	3.26	3.92	B3 SEE NOTE 2	8.4	5
9F54EBA401	9F54EBA402	3.26	3.92	B4 SEE NOTE 2	8.4	7
9F54EBA501	9F54EBA502	3.26	3.92	B5 SEE NOTE 2	8.4	9
9F54EBA601	9F54EBA602	3.26	3.92	B6 SEE NOTE 2	8.4	10
9F54EBA701	9F54EBA702	3.26	3.92	B7 SEE NOTE 2	8.4	12
9F54EBA801	9F54EBA802	3.26	3.92	B8 SEE NOTE 2	8.4	15
9F54EBA901	9F54EBA902	3.26	3.92	B9SEE NOTE 2	8.4	19
9F54EBB001	9F54EBB002	3.26	3.92	B10 SEE NOTE 2	8.4	24
9F54EBB101	9F54EBB102	3.26	3.92	B11 SEE NOTE 2	8.4	28
9F54EBB201	9F54EBB202	3.26	3.92	B12 SEE NOTE 2	8.4	34
9F54EBB301	9F54EBB302	3.26	3.92	B13 SEE NOTE 2	8.4	40
9F54EBB401	9F54EBB402	3.26	3.92	B14 SEE NOTE 2	8.4	48

Details 9F54GCxxxx- Series

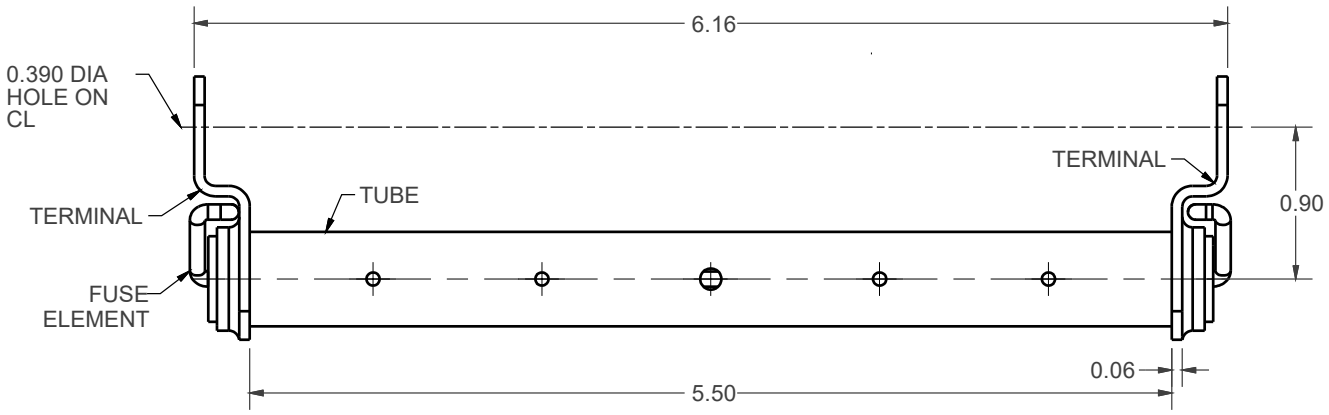




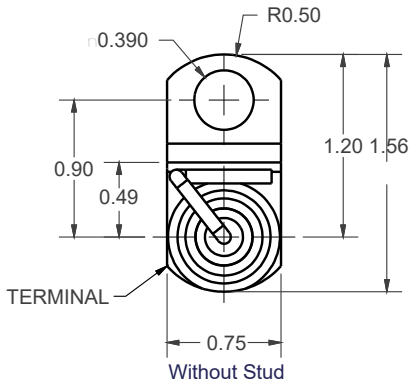
NOTES:
1.MINIMUM MELTING T.C.C. - GES 8318A MAXIMUM TOTAL CLEARING T.C.C. - GES 8308A
2. FOR VERTICAL MOUNTING ONLY.



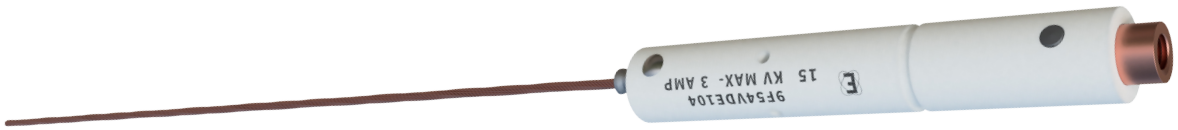
MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN kV	AMP RATING
9F54GCA102	C1 SEE NOTE 1	23.0	3
9F54GCA202	C2 SEE NOTE 1	23.0	4
9F54GCA302	C3 SEE NOTE 1	23.0	5
9F54GCA402	C4 SEE NOTE 1	23.0	7
9F54GCA502	C5 SEE NOTE 1	23.0	9
9F54GCA602	C6 SEE NOTE 1	23.0	10
9F54GCA702	C7 SEE NOTE 1	23.0	12
9F54GCA802	C8 SEE NOTE 1	23.0	15
9F54GCA902	C9 SEE NOTE 1	23.0	19
9F54GCB002	C10 SEE NOTE 1	23.0	24
9F54GCB102	C11 SEE NOTE 1	23.0	28



NOTES:
1.MINIMUM MELTING T.C.C. - GES 8318A MAXIMUM TOTAL CLEARING T.C.C. - GES 8308A
2. FOR VERTICAL MOUNTING ONLY.

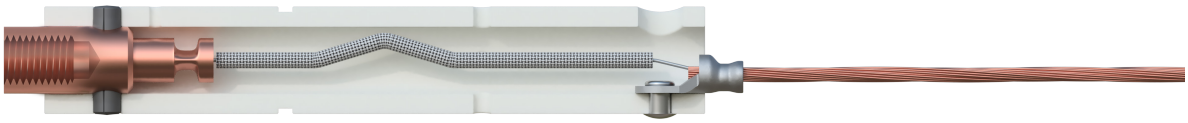


MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN kV	AMP RATING
9F54GDA102	C1 SEE NOTE 1	15.0	3
9F54GDA202	C2 SEE NOTE 1	15.0	4
9F54GDA302	C3 SEE NOTE 1	15.0	5
9F54GDA402	C4 SEE NOTE 1	15.0	7
9F54GDA502	C5 SEE NOTE 1	15.0	9
9F54GDA602	C6 SEE NOTE 1	15.0	10
9F54GDA702	C7 SEE NOTE 1	15.0	12
9F54GDA802	C8 SEE NOTE 1	15.0	15
9F54GDA902	C9 SEE NOTE 1	15.0	19
9F54GDB002	C10 SEE NOTE 1	15.0	24
9F54GDB102	C11 SEE NOTE 1	15.0	28

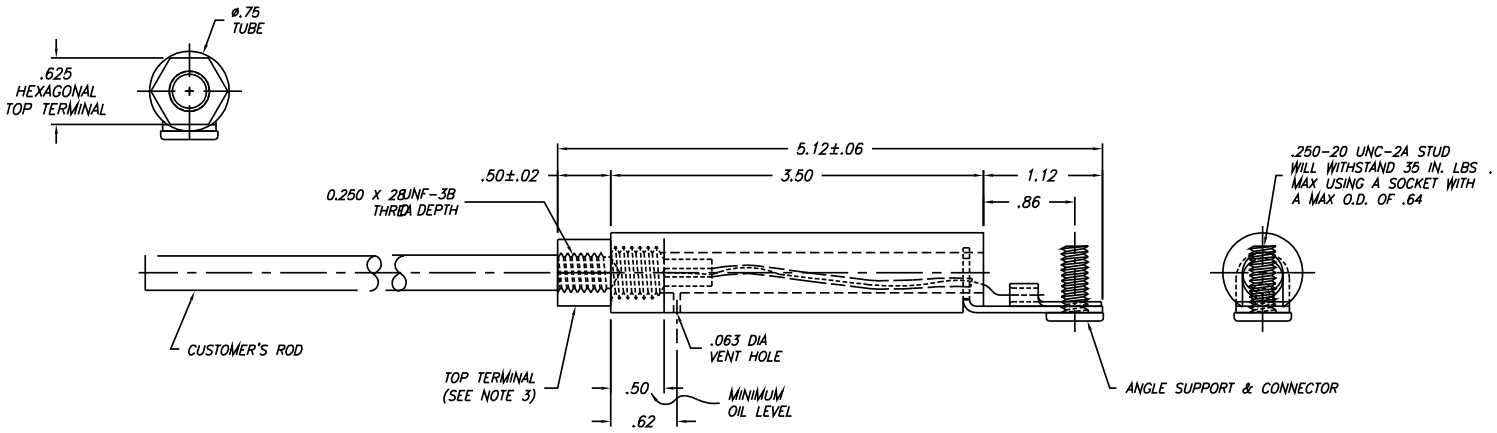


Bushing Mount Options

		Mounting Options			
Part number series	Page	Terminal 1	Terminal 2	Maximum Design KV	Amp Range
9F54VBxxx3	15	.250 x28 UNF- 3B THREAD DEPTH	.250-20 UNC- 2A Stud	8.4	4-142
9F54VBxxx1	16	.338 x.5" deep hole to be crimped by customer	250-20 UNC- 2A Stud	8.4	4-142
9F54VBxxx2	17	.26 dia hole	250-20 UNC- 2A Stud	8.4	4-142
9F54VDExx4	18	.25-28 UNF -3B THD	Stranded Wire 15 AWG	8.3/15	4-20
9F54VCxxx1	19	Crimp terminal for stranded copper mill range 20800 to 33100	250-20 UNC- 2A Stud	15.0	4-142
9F54VCxxx2	20	.26 dia hole	250-20 UNC- 2A Stud	15.0	4-142
9F54VCxxx3	21	.375 -16 UNC -2B .50 THREAD DEPTH	250-20 UNC- 2A Stud	15.0	4-142



Details 9F54VBxxx3



NOTES:

1. MINIMUM MELTING T.C.C. – GES - 8314B
   MAXIMUM TOTAL CLEARING T.C.C. – GES -8304C

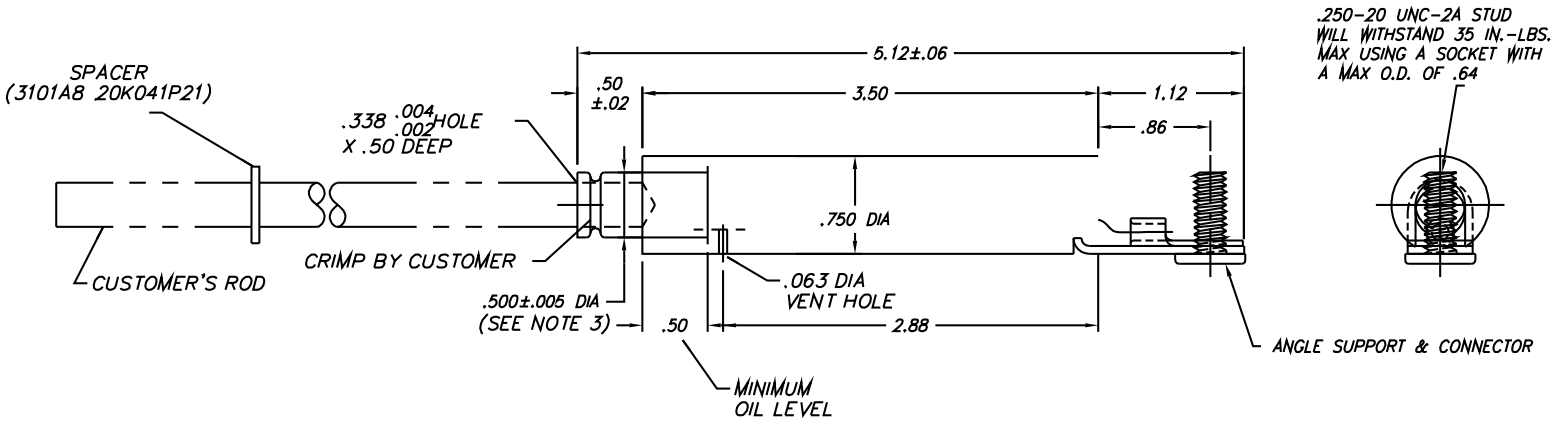
2. FUSE WILL PASS THROUGH .88 DIA. TUBE.

3. TOP TO TERMINAL TO BE CONCENTRIC TO
   AXIS OF THE TUBE WITHIN ±.026

4. FOR VERTICAL MOUNTING ONLY.

MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATING
9F54VBE103	V1 SEE NOTE 1	8.4	4
9F54VBE203	V2 SEE NOTE 1	8.4	5
9F54VBE303	V3 SEE NOTE 1	8.4	6
9F54VBE403	V4 SEE NOTE 1	8.4	7
9F54VBE503	V5 SEE NOTE 1	8.4	10
9F54VBE603	V6 SEE NOTE 1	8.4	12
9F54VBE703	V7 SEE NOTE 1	8.4	14
9F54VBE803	V8 SEE NOTE 1	8.4	17
9F54VBE903	V9 SEE NOTE 1	8.4	20
9F54VBG153	V10 SEE NOTE 1	8.4	26
9F54VBG253	V11 SEE NOTE 1	8.4	40
9F54VBG353	V12 SEE NOTE 1	8.4	65
9F54VBG453	V13 SEE NOTE 1	8.4	94
9F54VBG553	V14 SEE NOTE 1	8.4	142

Details 9F54VBxxx1 Series



NOTES:
1. MINIMUM MELTING T.C.C. – GES - 8314B
   MAXIMUM TOTAL CLEARING T.C.C. – GES -8304C

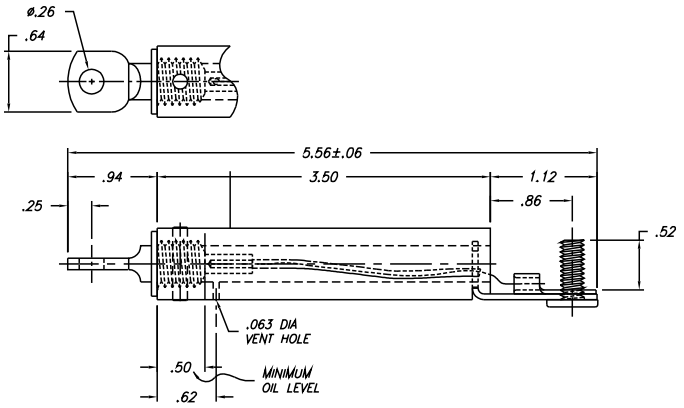
2. FUSE WILL PASS THROUGH .88 DIA. TUBE.

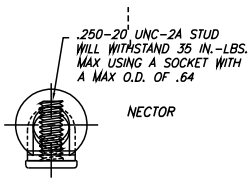
3. TOP TO TERMINAL TO BE CONCENTRIC TO
   AXIS OF THE TUBE WITHIN ±.026

4. FOR VERTICAL MOUNTING ONLY.

MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATING
9F54VBE101	V1 SEE NOTE 1	8.4	4
9F54VBE201	V2 SEE NOTE 1	8.4	5
9F54VBE301	V3 SEE NOTE 1	8.4	6
9F54VBE401	V4 SEE NOTE 1	8.4	7
9F54VBE501	V5 SEE NOTE 1	8.4	10
9F54VBE601	V6 SEE NOTE 1	8.4	12
9F54VBE701	V7 SEE NOTE 1	8.4	14
9F54VBE801	V8 SEE NOTE 1	8.4	17
9F54VBE901	V9 SEE NOTE 1	8.4	20
9F54VBG151	V10 SEE NOTE 1	8.4	26
9F54VBG251	V11 SEE NOTE 1	8.4	40
9F54VBG351	V12 SEE NOTE 1	8.4	65
9F54VBG451	V13 SEE NOTE 1	8.4	94
9F54VBG551	V14 SEE NOTE 1	8.4	142

Details 9F54VBxxx2 Series





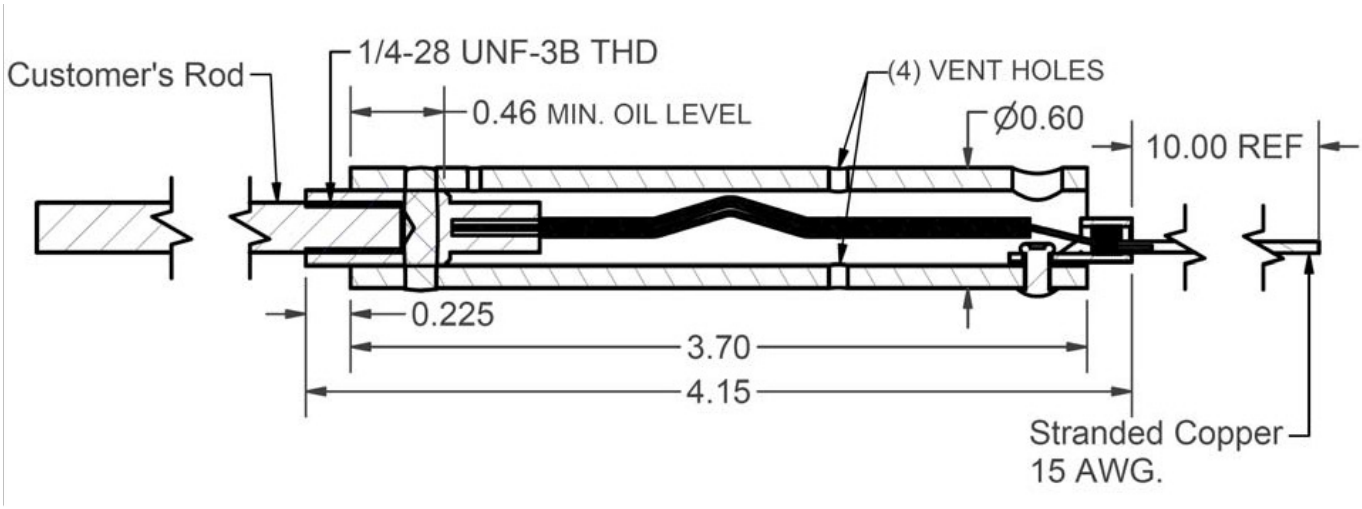
NOTES:
1. MINIMUM MELTING T.C.C. – GES - 8314B
   MAXIMUM TOTAL CLEARING T.C.C. – GES-8304C

2. FUSE WILL PASS THROUGH .88 DIA. TUBE.

3. TOP TO TERMINAL TO BE CONCENTRIC TO AXIS OF THE TUBE WITHIN ±.026

4. FOR VERTICAL MOUNTING ONLY.

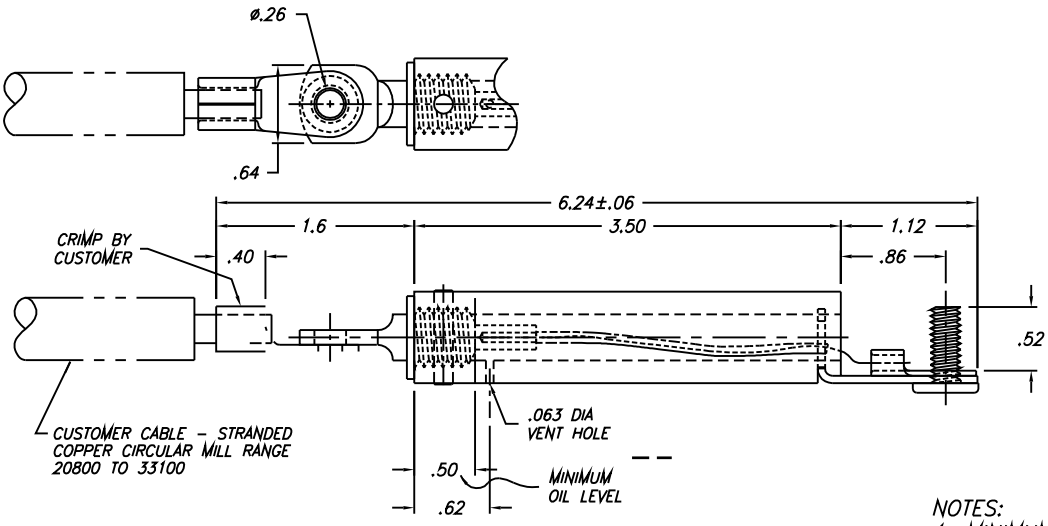
MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATING
9F54VBE102	V1 SEE NOTE 1	8.4	4
9F54VBE202	V2 SEE NOTE 1	8.4	5
9F54VBE302	V3 SEE NOTE 1	8.4	6
9F54VBE402	V4 SEE NOTE 1	8.4	7
9F54VBE502	V5 SEE NOTE 1	8.4	10
9F54VBE602	V6 SEE NOTE 1	8.4	12
9F54VBE702	V7 SEE NOTE 1	8.4	14
9F54VBE802	V8 SEE NOTE 1	8.4	17
9F54VBE902	V9 SEE NOTE 1	8.4	20
9F54VBG152	V10 SEE NOTE 1	8.4	26
9F54VBG252	V11 SEE NOTE 1	8.4	40
9F54VBG352	V12 SEE NOTE 1	8.4	65
9F54VBG452	V13 SEE NOTE 1	8.4	94
9F54VBG552	V14 SEE NOTE 1	8.4	142

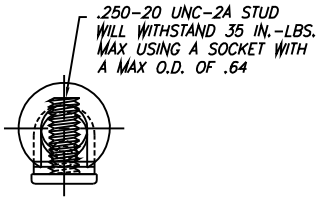


NOTE :
1) Minimum Melting TCC GES -8314B
2)Maximum Total Clearing TCC GES -8304C
3) For vertical mounting only

	Max Interrupting Rating (asym. rms amps)			
Catalog Series number	@ 8.3 KV	@ 15 KV	Curve	Amps
9F54VDE104	3500	2000	V1	4
9F54VDE204	3500	2000	V2	5
9F54VDE304	3500	2000	V3	6
9F54VDE404	3500	2000	V4	7
9F54VDE504	3500	2000	V5	10
9F54VDE604	3500	2000	V6	12
9F54VDE704	3500	2000	V7	14
9F54VDE804	2000	2000	V8	17
9F54VDE904	2000	2000	V9	20

Details 9F54VCxxx1 Series

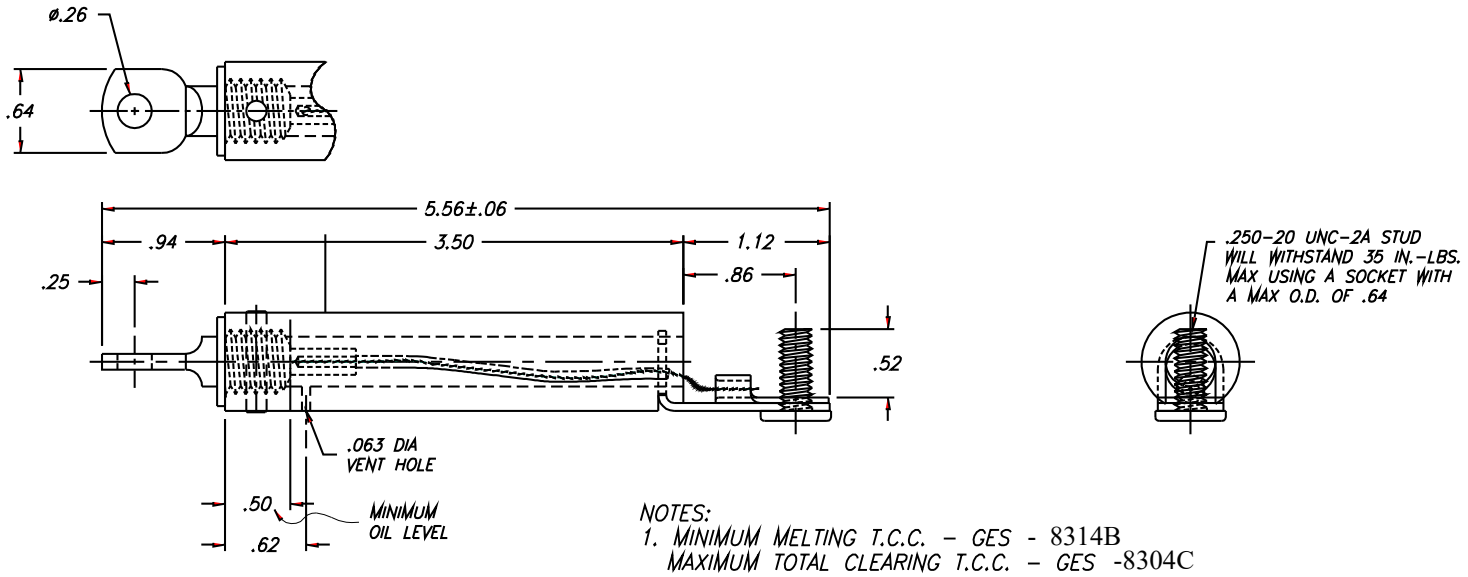




NOTES:
1. MINIMUM MELTING T.C.C. - GES - 8314B
   MAXIMUM TOTAL CLEARING T.C.C. - GES -8304C
2. FUSE WILL PASS THROUGH .88 INSIDE DIA. TUBE.
3. MAXIMUM INTERRUPTING RATING 2000 AMPS RMS ASYMMETRICAL.
4. FOR VERTICAL MOUNTING ONLY.

MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATING
9F54VCE101	V1 SEE NOTE 1	15.0	4
9F54VCE201	V2 SEE NOTE 1	15.0	5
9F54VCE301	V3 SEE NOTE 1	15.0	6
9F54VCE401	V4 SEE NOTE 1	15.0	7
9F54VCE501	V5 SEE NOTE 1	15.0	10
9F54VCE601	V6 SEE NOTE 1	15.0	12
9F54VCE701	V7 SEE NOTE 1	15.0	14
9F54VCE801	V8 SEE NOTE 1	15.0	17
9F54VCE901	V9 SEE NOTE 1	15.0	20
9F54VCG151	V10 SEE NOTE 1	15.0	26
9F54VCG251	V11 SEE NOTE 1	15.0	40
9F54VCG351	V12 SEE NOTE 1	15.0	65
9F54VCG451	V13 SEE NOTE 1	15.0	94
9F54VCG551	V14 SEE NOTE 1	15.0	142

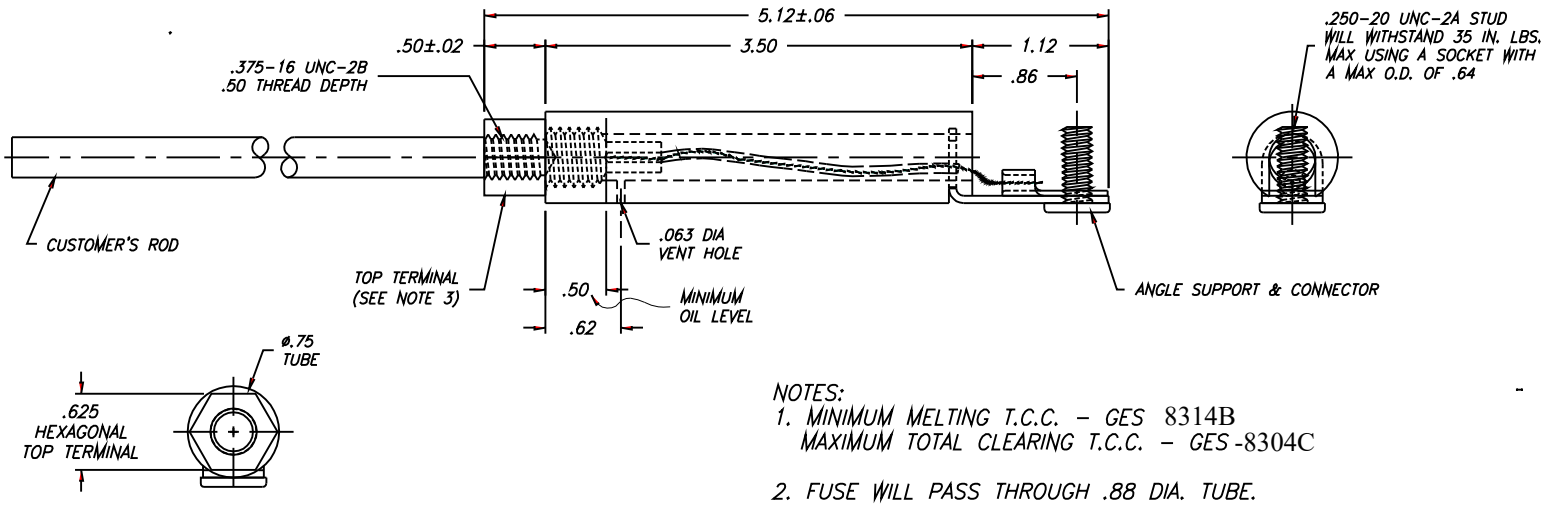
Details 9F54VCxxx2 Series



NOTES:
1. MINIMUM MELTING T.C.C. – GES - 8314B
   MAXIMUM TOTAL CLEARING T.C.C. – GES -8304C
2. FUSE WILL PASS THROUGH .88 INSIDE DIA. TUBE.
3. MAXIMUM INTERRUPTING RATING
   2000 AMPS RMS ASYMMETRICAL.
4. FOR VERTICAL MOUNTING ONLY.

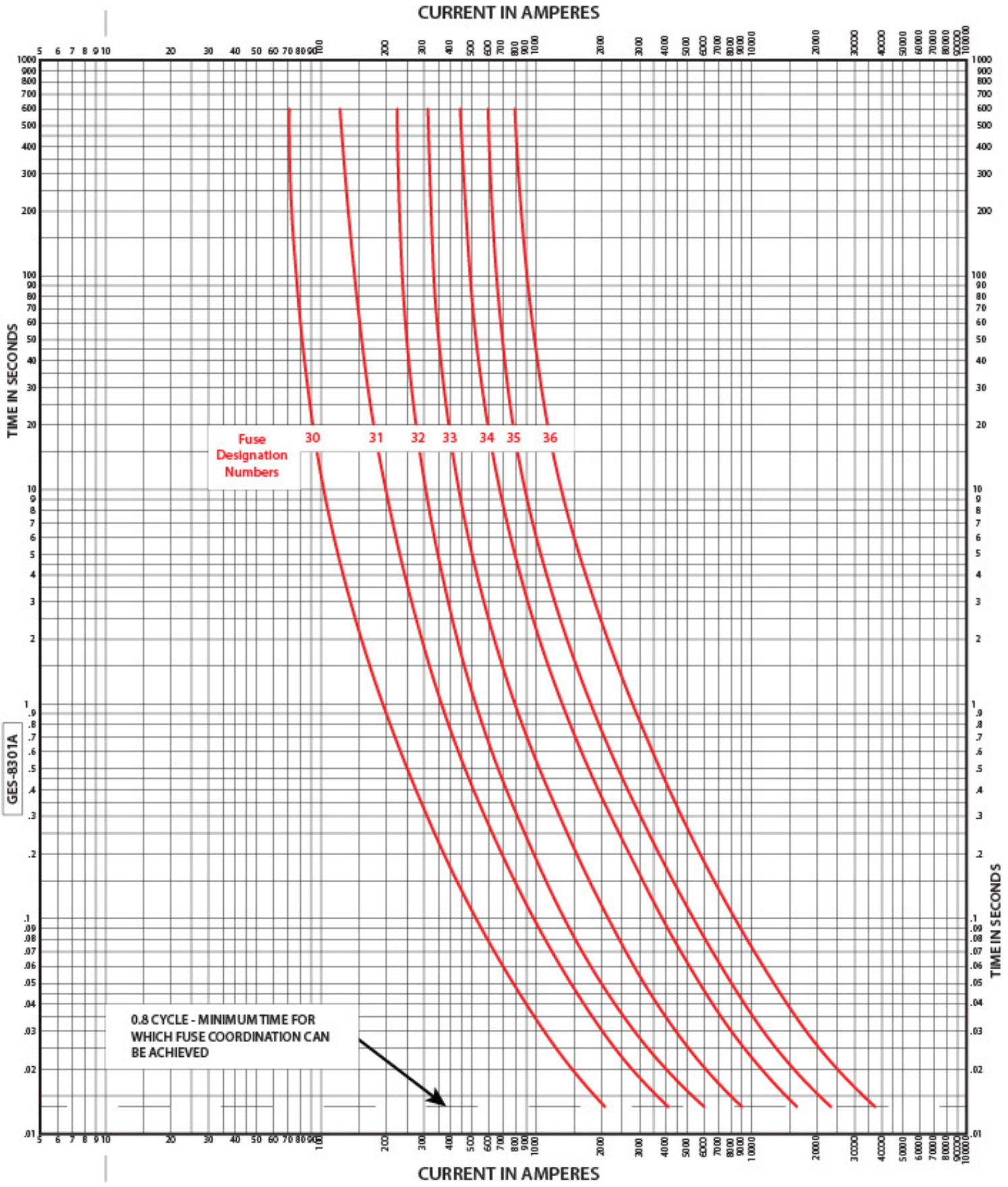
MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	AMP RATING
9F54VCE102	V1 SEE NOTE 1	15.0	4
9F54VCE202	V2 SEE NOTE 1	15.0	5
9F54VCE302	V3 SEE NOTE 1	15.0	6
9F54VCE402	V4 SEE NOTE 1	15.0	7
9F54VCE502	V5 SEE NOTE 1	15.0	10
9F54VCE602	V6 SEE NOTE 1	15.0	12
9F54VCE702	V7 SEE NOTE 1	15.0	14
9F54VCE802	V8 SEE NOTE 1	15.0	17
9F54VCE902	V9 SEE NOTE 1	15.0	20
9F54VCG152	V10 SEE NOTE 1	15.0	26
9F54VCG252	V11 SEE NOTE 1	15.0	40
9F54VCG352	V12 SEE NOTE 1	15.0	65
9F54VCG452	V13 SEE NOTE 1	15.0	94
9F54VCG552	V14 SEE NOTE 1	15.0	142

Details 9F54VCxxx3 Series



NOTES:
1. MINIMUM MELTING T.C.C. – GES 8314B
   MAXIMUM TOTAL CLEARING T.C.C. – GES-8304C
2. FUSE WILL PASS THROUGH .88 DIA. TUBE.
3. TOP TO TERMINAL TO BE CONCENTRIC TO AXIS OF THE TUBE WITHIN ±.026
4. FOR VERTICAL MOUNTING ONLY.

MODEL NUMBER	TIME CURRENT CURVE NO.	MAXIMUM DESIGN KV	MAXIMUM DESIGN KV
9F54VCE103	V1 SEE NOTE 1	15.0	4
9F54VCE203	V2 SEE NOTE 1	15.0	5
9F54VCE303	V3 SEE NOTE 1	15.0	6
9F54VCE403	V4 SEE NOTE 1	15.0	7
9F54VCE503	V5 SEE NOTE 1	15.0	10
9F54VCE603	V6 SEE NOTE 1	15.0	12
9F54VCE703	V7 SEE NOTE 1	15.0	14
9F54VCE803	V8 SEE NOTE 1	15.0	17
9F54VCE903	V9 SEE NOTE 1	15.0	20
9F54VCG153	V10 SEE NOTE 1	15.0	26
9F54VCG253	V11 SEE NOTE 1	15.0	40
9F54VCG353	V12 SEE NOTE 1	15.0	65
9F54VCG453	V13 SEE NOTE 1	15.0	94
9F54VCG553	V14 SEE NOTE 1	15.0	142



ERMCO COMPONENTS, INC.

DISTRIBUTION TRANSFORMER INTERNAL FUSES

9F54WLD SERIES 15 KV MAX

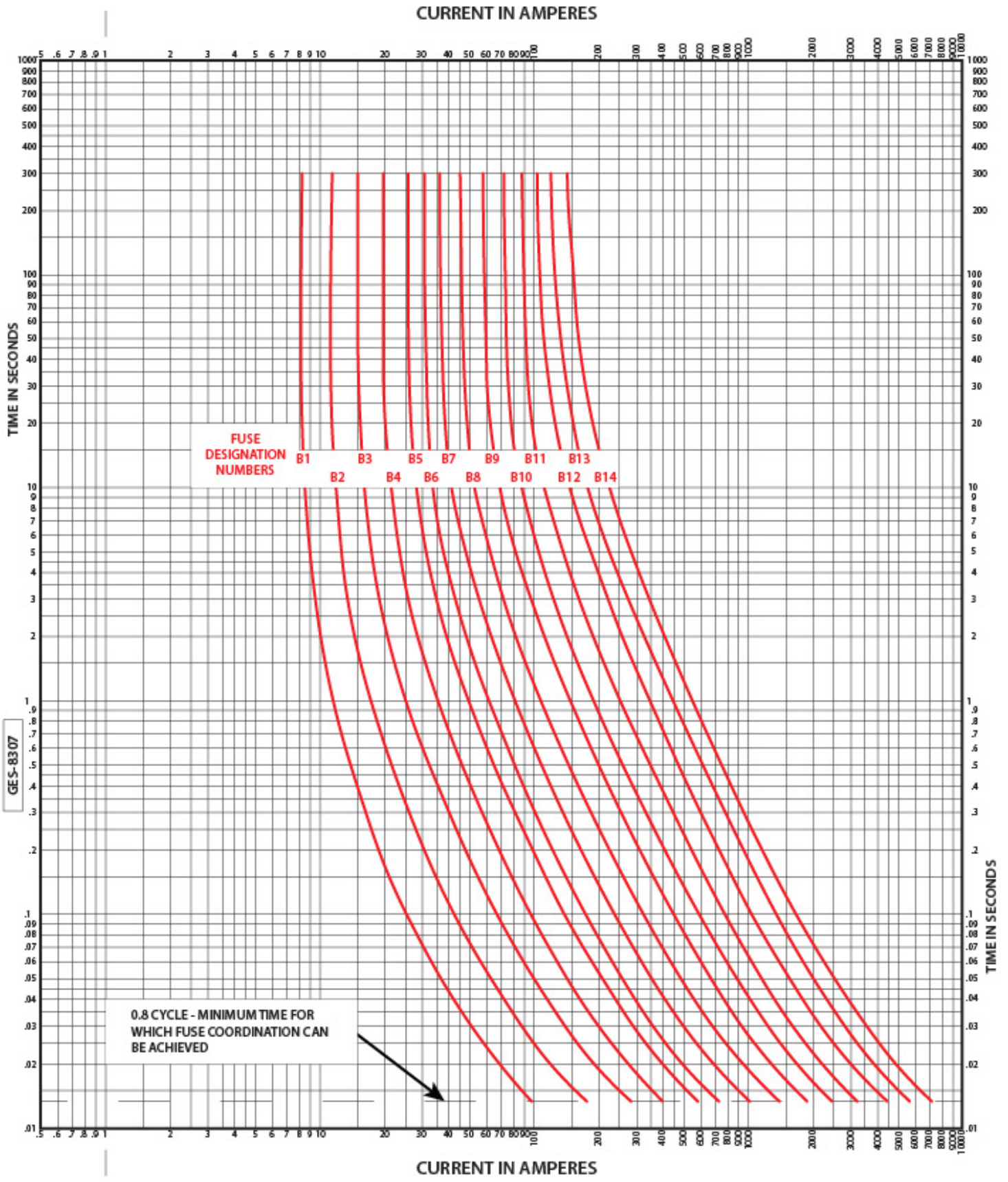
FUSE NUMBERS 30 TO 36

Maximum Total-clearing Time-current Curves

(AT 60 HZ AND 25 C AMBIENT WITH NO INITIAL LOAD)

GES-8301A

Current ratings are not assigned to distribution transformer internal fuses.



ERMCO COMPONENTS, INC.

CONNECTION BOARD FUSES

9F54DB SERIES 8.4 KV MAX
9F54EB SERIES 8.4 KV MAX
9F54GB SERIES 8.4 KV MAX

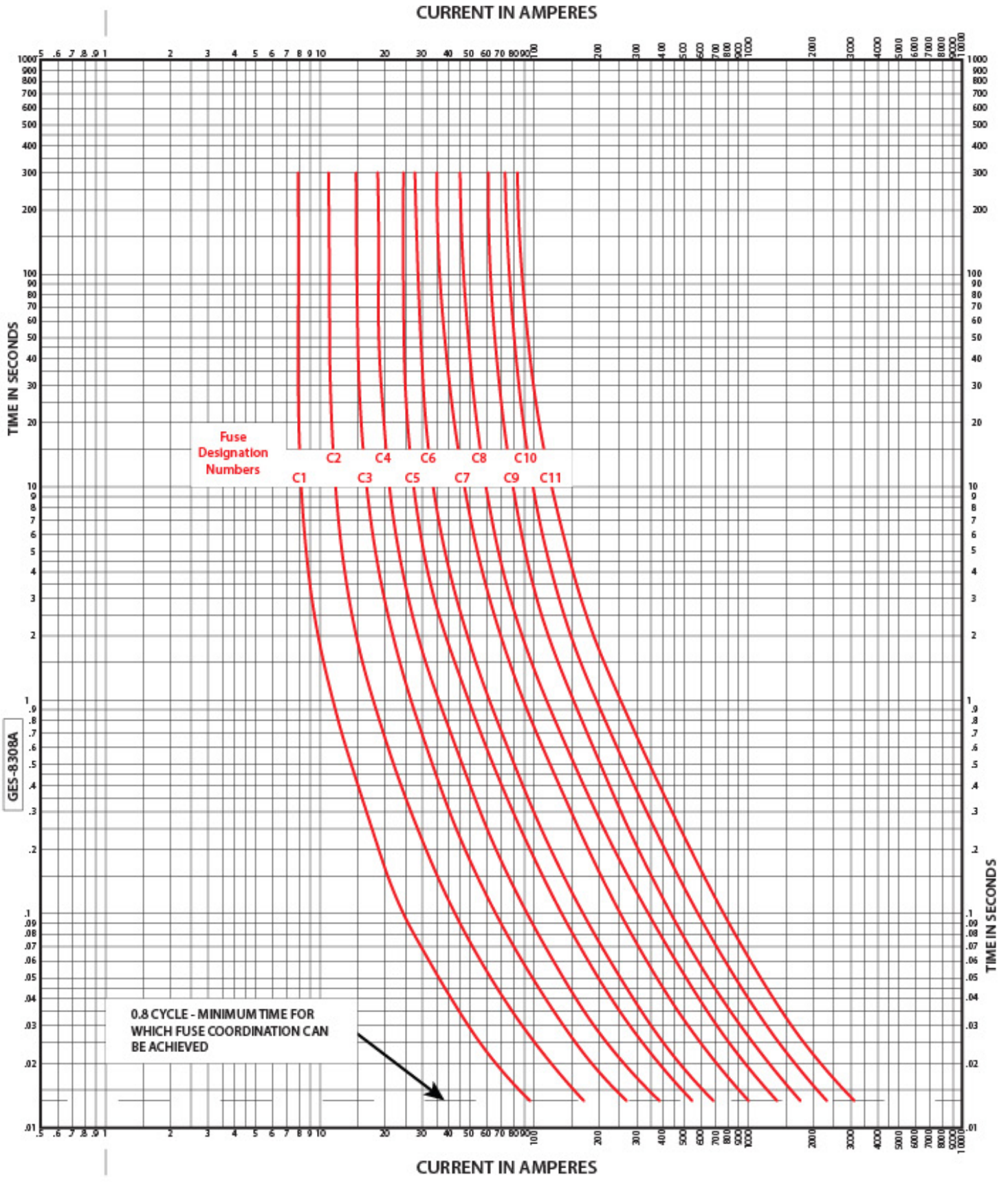
FUSE NUMBERS B1 TO B14

Maximum Total-clearing Time-current Curves

(AT 60 HZ AND 25 C AMBIENT WITH NO INITIAL LOAD)

GES-8307

Current ratings are not assigned to distribution transformer internal fuses.



ERMCO COMPONENTS, INC.

CONNECTION BOARD FUSES

9F54DC SERIES 23 KV MAX
9F54EC SERIES 23 KV MAX
9F54GC SERIES 23 KV MAX
9F54DD SERIES 15 KV MAX

FUSE NUMBERS C1 TO C11

Maximum Total-clearing Time-current Curves

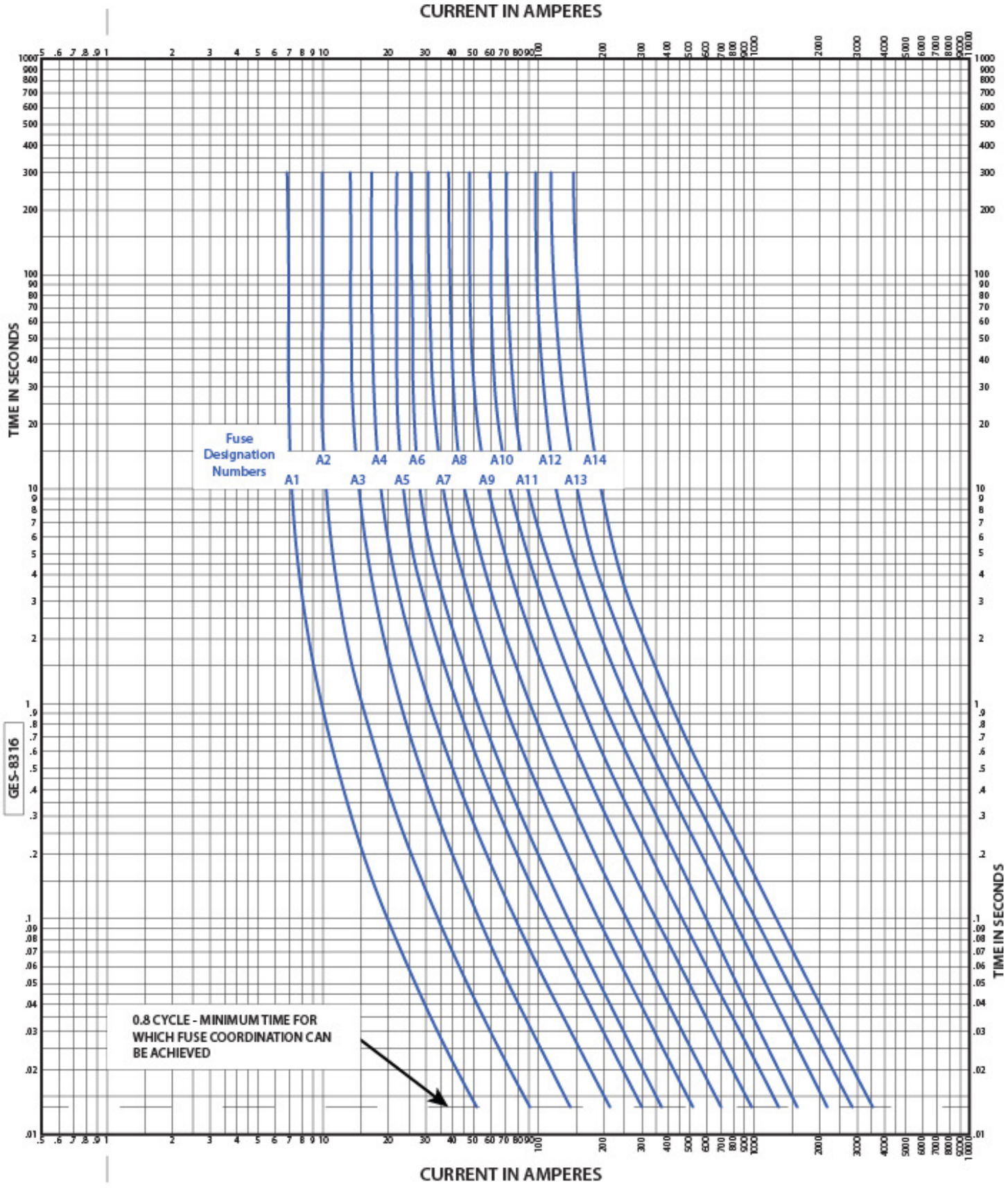
(AT 60 HZ AND 25 C AMBIENT WITH NO INITIAL LOAD)

GES-8308A

Fuse 9F954DCA Curves 1 to 9

Fuse 9F54DCB Curves 10 & 11

Current ratings are not assigned to distribution transformer internal fuses.



ERMCO COMPONENTS, INC.

CONNECTION BOARD FUSES

9F54DA SERIES 5.2 KV MAX
9F54EA SERIES 5.2 KV MAX
9F54GD SERIES 5.2 KV MAX

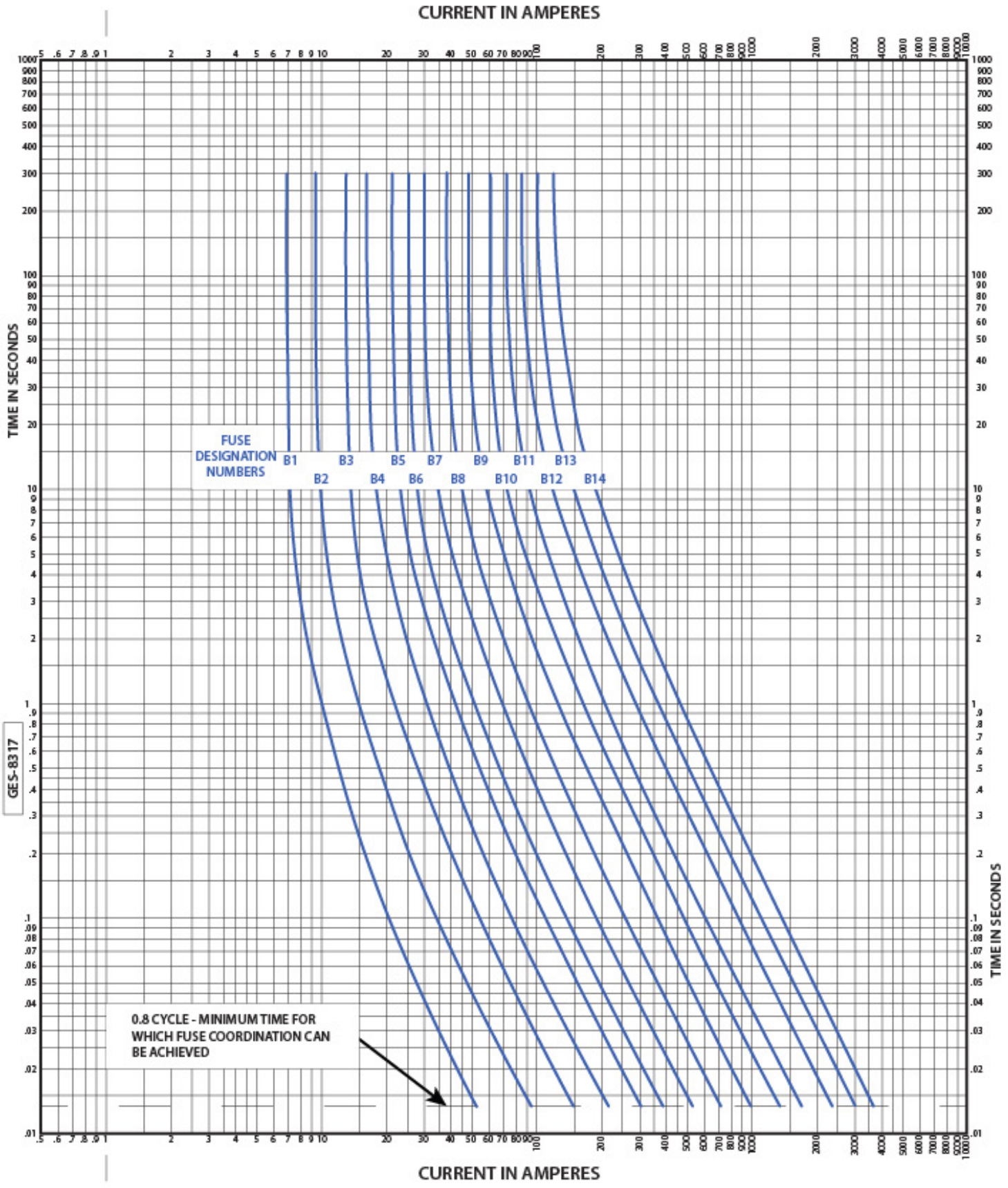
FUSE NUMBERS A1 TO A14

Minimum-melting Time-current Curves

(AT 60 HZ AND 25 C AMBIENT WITH NO INITIAL LOAD)

GES-8316

Current ratings are not assigned to distribution transformer internal fuses.



ERMCO COMPONENTS, INC.

CONNECTION BOARD FUSES

9F54DB SERIES 8.4 KV MAX
9F54EB SERIES 8.4 KV MAX
9F54GB SERIES 8.4 KV MAX

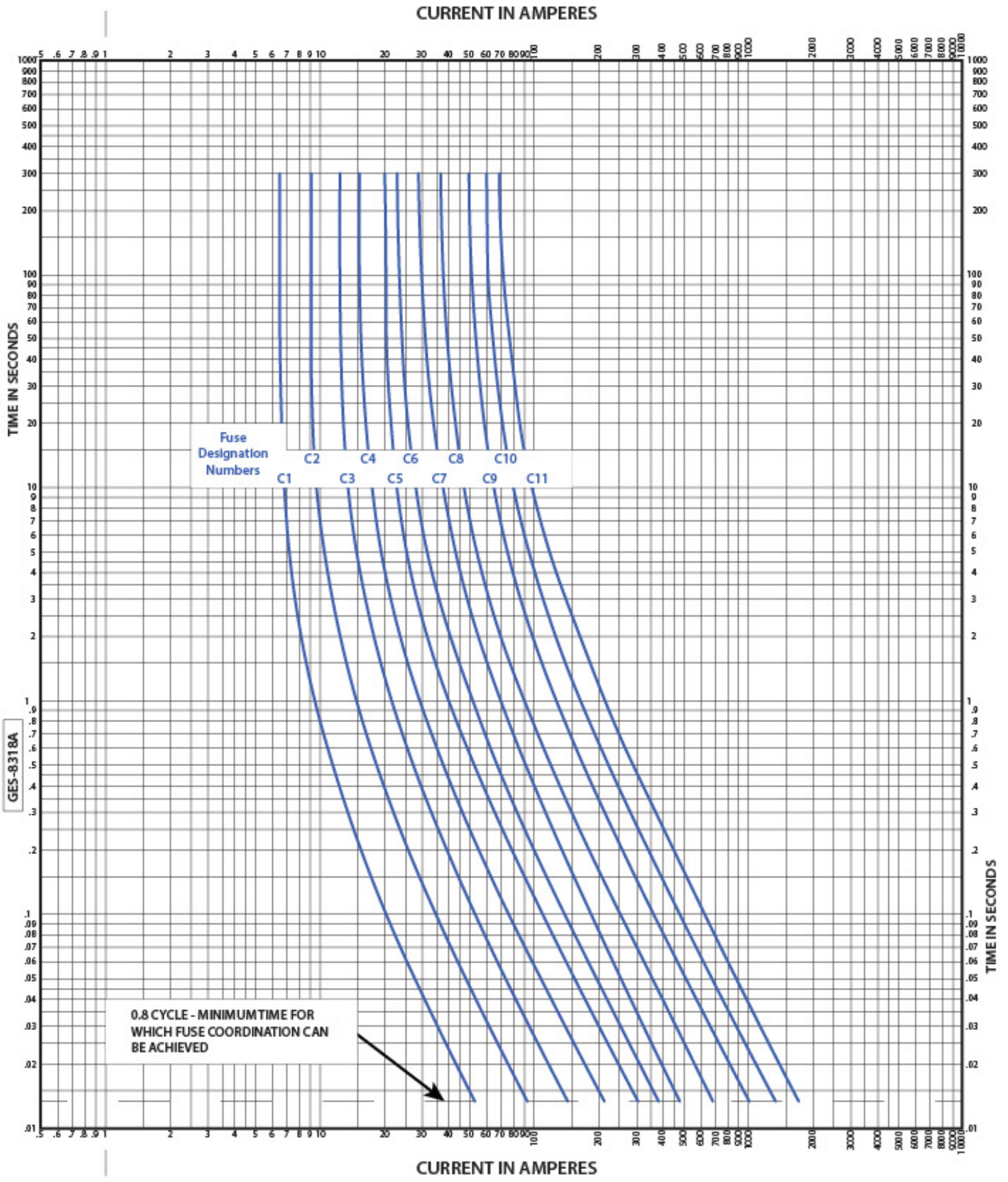
FUSE NUMBERS B1 TO B14

Minimum-melting Time-current Curves

(AT 60 HZ AND 25 C AMBIENT WITH NO INITIAL LOAD)

GES-8317

Current ratings are not assigned to distribution transformer internal fuses.



ERMCO COMPONENTS, INC.

CONNECTION BOARD FUSES

9F54DC SERIES 23 KV MAX
9F54EC SERIES 23 KV MAX
9F54GC SERIES 23 KV MAX
9F54DD SERIES 15 KV MAX

FUSE NUMBERS C1 TO C11

Minimum-melting Time-current Curves

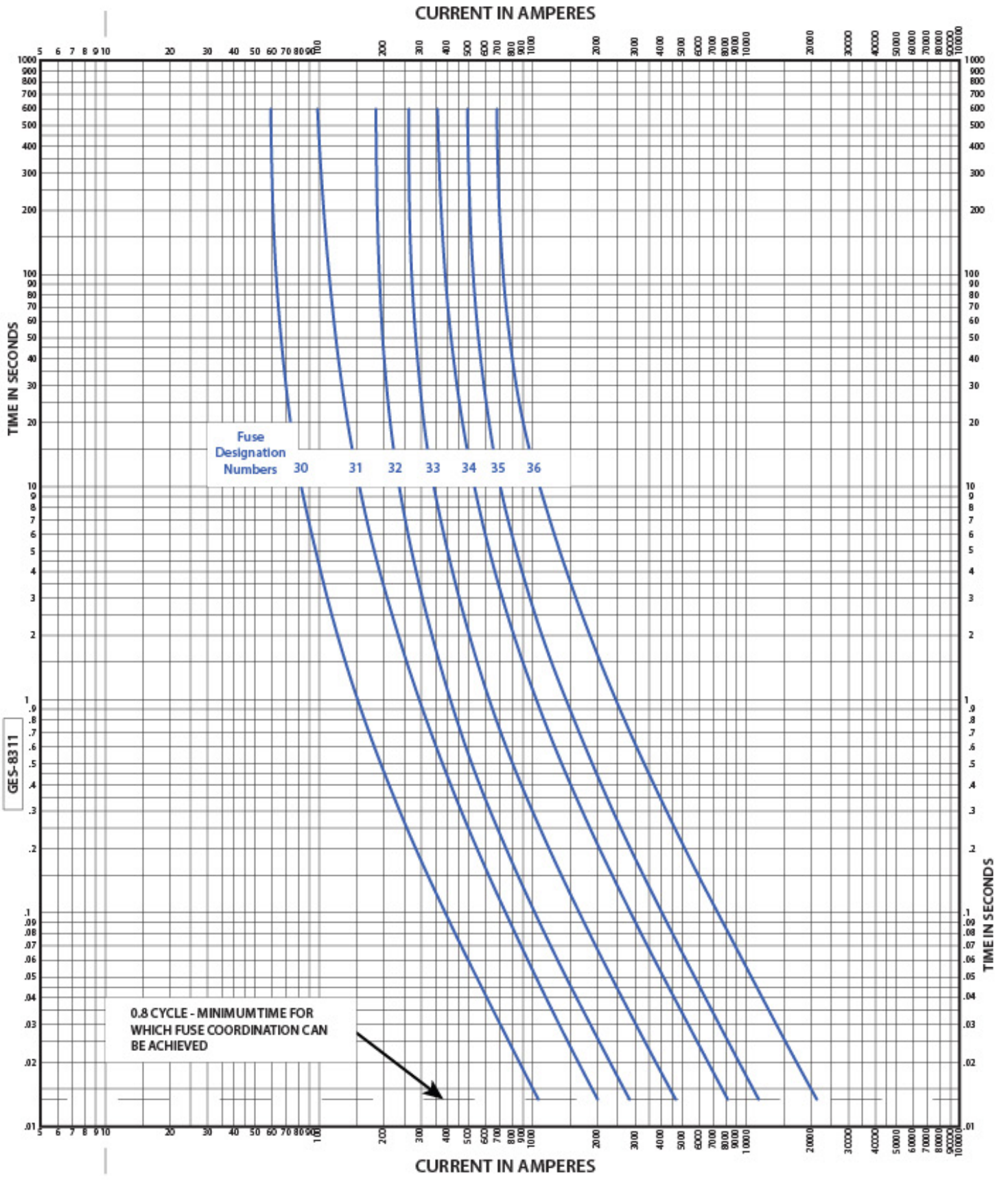
(AT 60 HZ AND 25 C AMBIENT WITH NO INITIAL LOAD)

GES-8318A

Fuse 9F954DCA Curves 1 to 9

Fuse 9F54DCB Curves 10 & 11

Current ratings are not assigned to distribution transformer internal fuses.



ERMCO COMPONENTS, INC.

DISTRIBUTION TRANSFORMER INTERNAL FUSES

9F54WLD SERIES 15 KV MAX

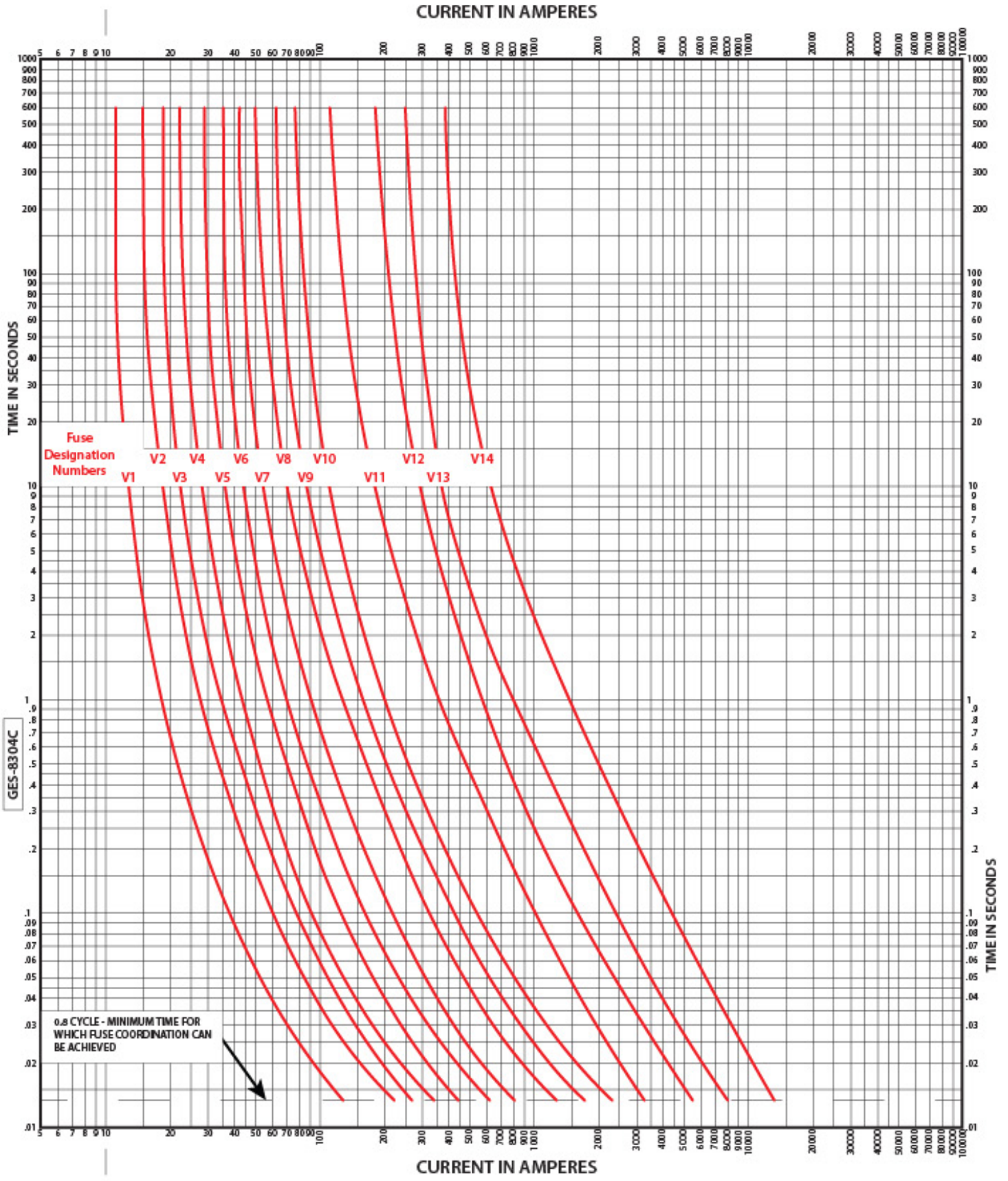
GES-8311

FUSE NUMBERS 30 TO 36

Minimum-melting Time-current Curves

(AT 60 HZ AND 25 C AMBIENT WITH NO INITIAL LOAD)

Current ratings are not assigned to distribution transformer internal fuses.



ERMCO COMPONENTS, INC.

TRANSFORMER BUSHING FUSES

9F54VB SERIES 8.4 KV MAX
9F54VC SERIES 15.0 KV MAX
9F54VDE SERIES 15.0 KV MAX

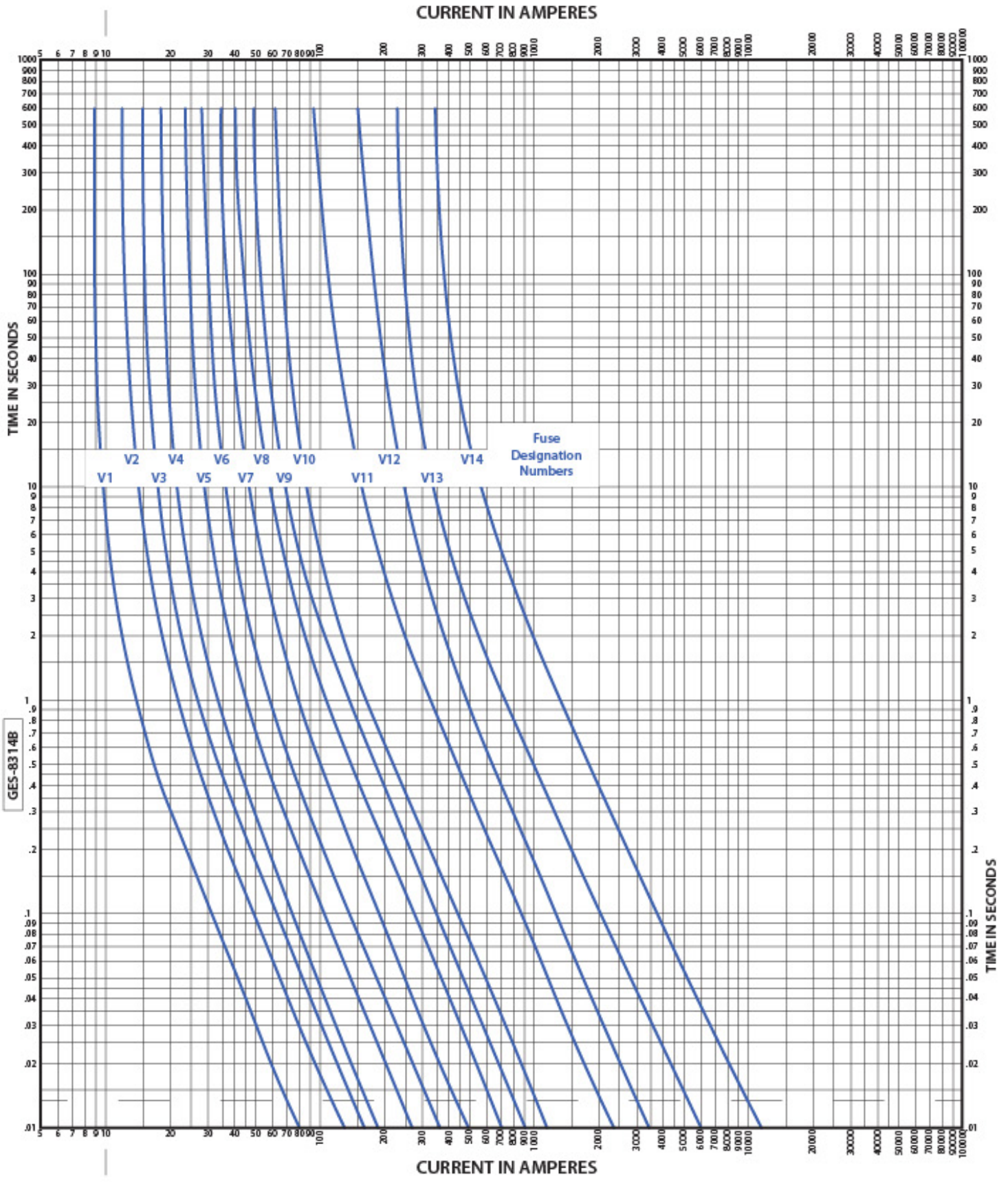
FUSE NUMBERS V1 TO V14

Maximum-melting Time-current Curves

(AT 60 HZ AND 25 C AMBIENT WITH NO LOAD)

GES-8304C

Current ratings are not assigned to distribution transformer internal fuses.



ERMCO COMPONENTS, INC.

TRANSFORMER BUSHING FUSES

9F54VB SERIES 8.4 KV MAX
9F54VC SERIES 15.0 KV MAX
9F54VDE SERIES 15.0 KV MAX

FUSE NUMBERS V1 TO V14

Minimum-melting Time-current Curves

(AT 60 HZ AND 25 C AMBIENT WITH NO LOAD)

GES-8314B

Current ratings are not assigned to distribution transformer internal fuses.

Made in USA

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