

ELECTRICAL CHARACTERISTICS

I^t Data – 700 Volts AC, 200kA

FUSE AMPERE RATING	I ^t DATA		
	MELTING (A ² s x 10 ³)	CLEARING AT 700V AC	
		1 FUSE (FIG. A) (A ² s x 10 ³)	2 FUSES IN SERIES (FIG. B) (A ² s x 10 ³)
35	0.13	0.47	0.27
40	0.16	0.58	0.33
50	0.24	0.86	0.49
60	0.32	1.2	0.69
70	0.50	1.8	1.0
80	0.65	2.3	1.3
90	0.83	3.0	1.7
100	1.0	3.6	2.1
125	2.1	6.9	4.0
150	3.3	11	6.3
175	4.2	14	8.0
200	5.9	19	11
225	9.0	30	17
250	12.6	42	24
300	16.7	55	32
350	21.5	72	41
400	29.7	99	57
450	36.7	125	72
500	47.1	160	92
600	65.2	222	127
700	103.6	332	190
800	135.3	433	248

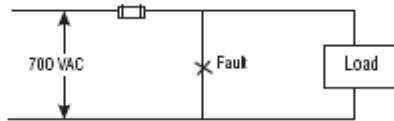


Fig. A

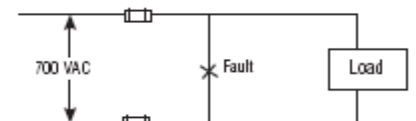
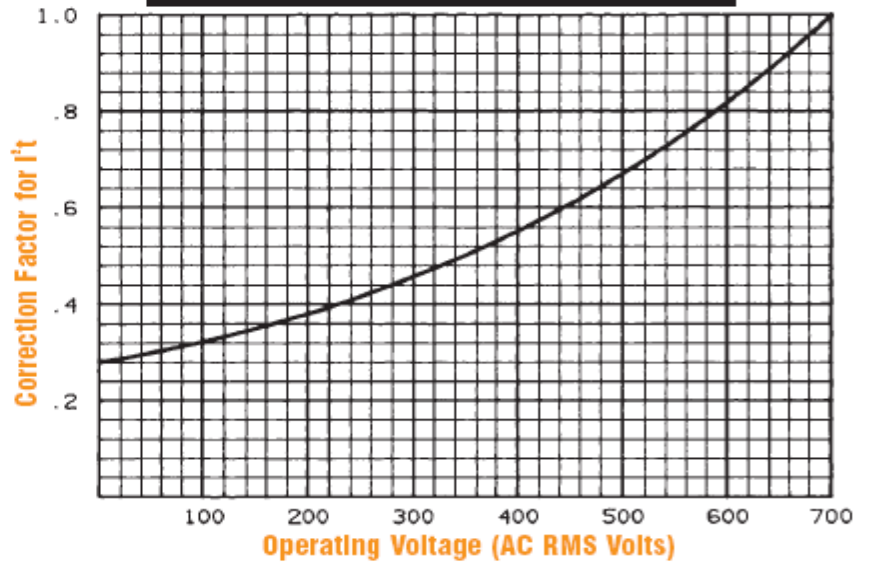
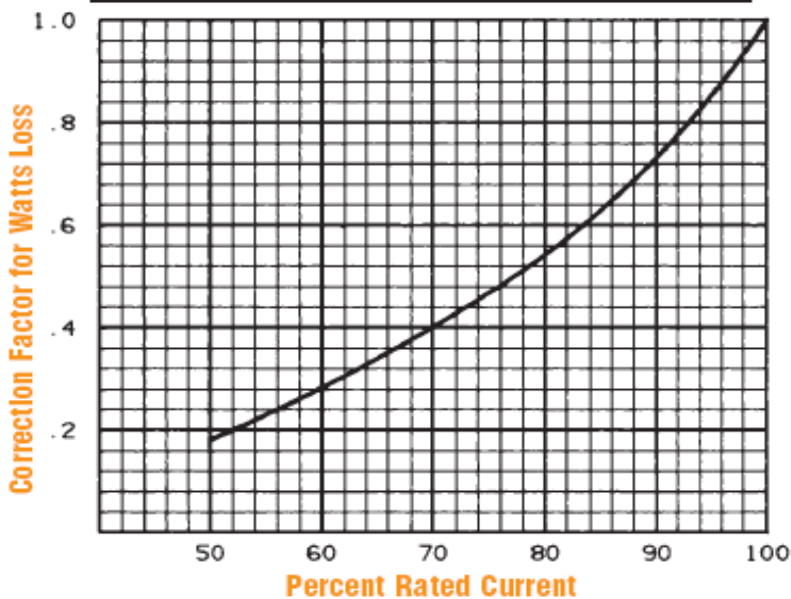


Fig. B

Clearing I^t vs. AC Operating Voltage



Watts Loss vs. % Rated Current

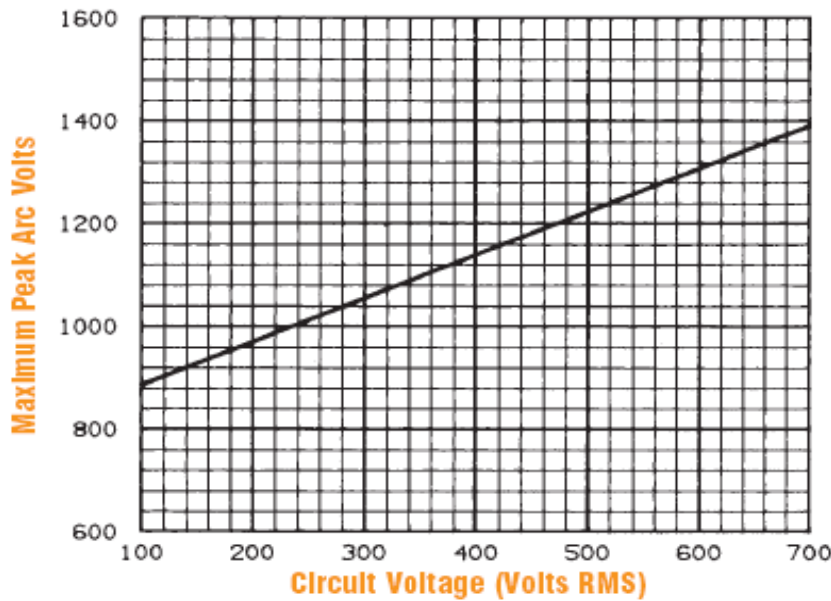


Watts Loss at Rated Current

AMPERE RATING	WATTS LOSS (w)	AMPERE RATING	WATTS LOSS (w)
35	6.2	200	41
40	7.5	225	37
50	9.8	250	42
60	12	300	53
70	15	350	64
80	18	400	75
90	20	450	78
100	24	500	92
125	22	600	116
150	29	700	125
175	35	800	143

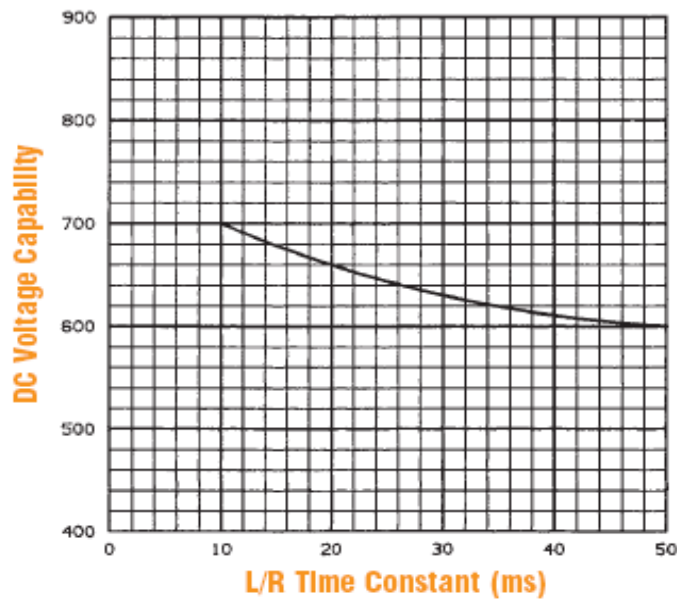
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Maximum Arc Volts vs. System Voltage

Clearing I^2t at 700V DC,
100kA, L/R = 10 ms

AMPERE RATING(A ² sx10 ³)	CLEARING I^2t
35	0.25
40	0.35
50	0.60
70	1.3
80	1.8
90	2.4
100	3.1
125	5.3
150	8.1
175	12
200	16
225	21.5
250	27.5
300	42
350	63
400	85
450	115
500	150
600	201
700	325
800	450

DC Voltage Capability vs. Time Constant

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