

NX™ Current limiting fuses (C-Rated) minimum melting characteristics



Powering Business Worldwide

Voltage rating (kv)	Continuous current rating (amp)	Minimum melting current of fuses in enclosures and pad-mount transformer cabinets (amp)		
		at 25C Ambient	at 40C Ambient	at 55C Ambient
4.3	18	27	25	24
	25	37	35	33
	35	50	47	44
	45	64	60	56
	50	68	64	60
	65	78	73	69
	75	90	85	79
	100	110	103	97
	130†	156	146	137
	150†	180	169	158
5.5	200†	220	206	194
	6	9	8.5	8
	8	12	11.3	10.6
	10	14	13	12
	12	17	16	15
	18	27	25	24
	20	28	26	24.6
	25	37	35	32.6
	30	42	39.5	37
	40	55	52	48
	50	68	64	60
	65	78	73	69
	75	90	85	79
	100†	136	128	120
130†	156	146	137	
150†	180	169	158	
8.3	1.5	2.3	2.2	2
	3	4.5	4.2	4
	4.5	6.7	6.3	6
	6	9	8.5	8
	8	12	11	10.6
	10	14	13	12
	12	17	16	15
	18	26	24.5	23
	20	28	26	24.6
	25	35	33	31
	30	41	38.5	36
	40	52	49	46
	50	63	59	55
	50†	70	66	62
	60†	82	77	72
	65	80	75	70
	80	96	90	84
	80†	104	98	92
	100	120	113	106
	100†	126	118	111
130†	160	150	141	
160†	192	180	169	
200†	240	225	210	

Note:

1. Low-current melting time characteristics may be reduced if fuses set 90% of minimum-melting current for an extended period of time (2-10 hours).
2. Fuse ratings marked † are parallel fuse assemblies.
3. Minimum-melting current is reduced 0.4% for each °C rise in ambient temperature above 25 C.

$$I_{mm} = A [1 - .004 (x - 25)]$$

Where: I_{mm} = minimum-melting current at given ambient
 x = given ambient
 A = minimum-melting current at 25 C

4. For application at ambient temperatures above 55C, consult factory.

Voltage rating (kv)	Continuous current rating (amp)	Minimum melting current of fuses in enclosures and pad-mount transformer cabinets (amp)		
		at 25C Ambient	at 40C Ambient	at 55C Ambient
15.5	1.5	2.3	2.2	2
	3	4.5	4.2	4
	4.5	6.7	6.3	6
	6	9	8.5	8
	8	12	11	10.6
	10	15	14	13
	12	18	17	16
	18	26	24.5	23
	20	28	26	24.6
	25	35	33	31
	30	41	38.5	36
	40	52	49	46
	50	63	59	55
	50†	70	66	62
	60†	82	77	72
	65	80	75	70
	80	96	90	84
	80†	104	98	92
	100	120	113	106
100†	126	118	111	
130†	160	150	141	
160†	192	180	169	
200†	240	225	210	
23	6	9	8.5	8
	8	12	11	10.6
	10	15	14	13
	12	18	17	16
	18	26	24.5	23
	20	28	26	24.6
	25	35	33	31
	30	41	38.5	36
27 and 38	40	52	49	46
	6	9	8.5	8
	8	12	11	10.6
	10	15	14	13
	12	18	17	16
	15	22	21	19.4
	18	26	24.5	23
	20	28	26	24.6
	25	35	33	31
	30	41	38.5	36
	40	52	49	46
50	63	59	55	
60†	82	77	72	
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 x = given ambient
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