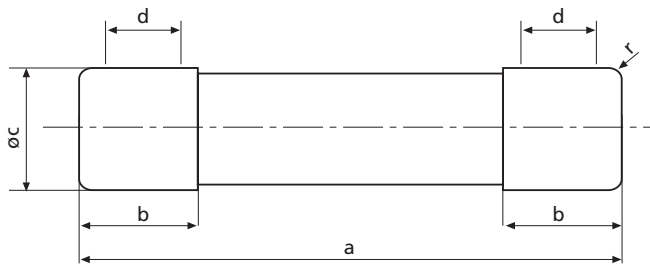


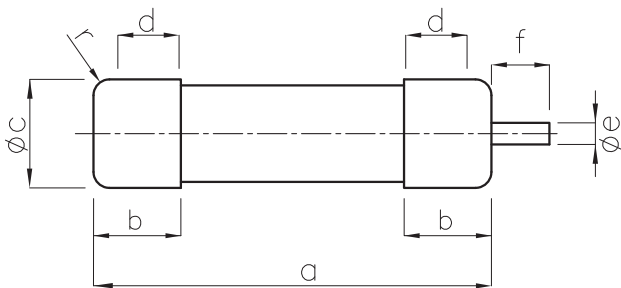
Cylindrical fuse-link

Application: Cylindrical fuse-links are used as the most secure protection of electrical installations, control, and signal circuits against overloads and short circuit currents. Their dimensions comply with IEC 60269-1 and IEC 60269-2-1. They are used mainly in industrial areas, since their dimensions allow voltages of up to 690 V. The most common sizes are the following four: 8x32, 10x38, 14x51 and 22x58.

Technical data	
Rated voltage	400 V AC, 500 V AC, 690 V AC
Rated current	CH 8 1-25 A/400 V
	CH 10 0,5-16 A/500 V, 20-32 A/400 V
	CH 14 2-25 A/690 V, 32-50 A/500 V
	CH 22 16-40 A/690 V (50 A/690 V aM), 50-100 A/500 V
Rated frequency	50 Hz
Rated breaking capacity	CH 8 50 kA
	CH 10 100 kA
	CH 14 2-25 A/80 kA, 32-50 A/120 kA
	CH 22 16-40 A/80 kA (50 A/80 kA aM), 50-100 A/120 kA
Characteristics	gG, aM
Body material	ceramic
Material of contact parts	CuZn28, gal.Ag



size	a	b _{max.}	c	d _{min.}	r
8 x 32	31,5±0,5	6,7	8,5±0,1	4	1±0,5
10 x 38	38,0±0,6	10,5	10,3±0,1	6	1,5±0,5
14 x 51	51,0+0,6/-1	13,8	14,3±0,1	7,5	±1
22 x 58	58,0+0,1	16,2	22,2±0,1	11	±1

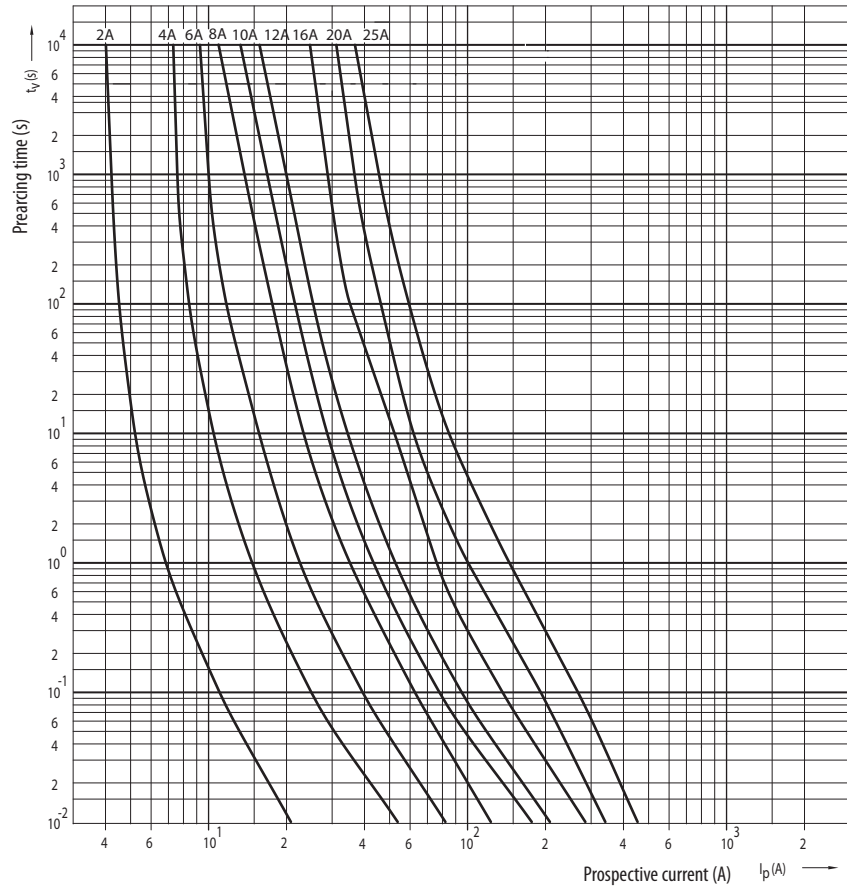


size	e	f
14 x 51	3,8	7,5
22 x 58	3,8	7,5

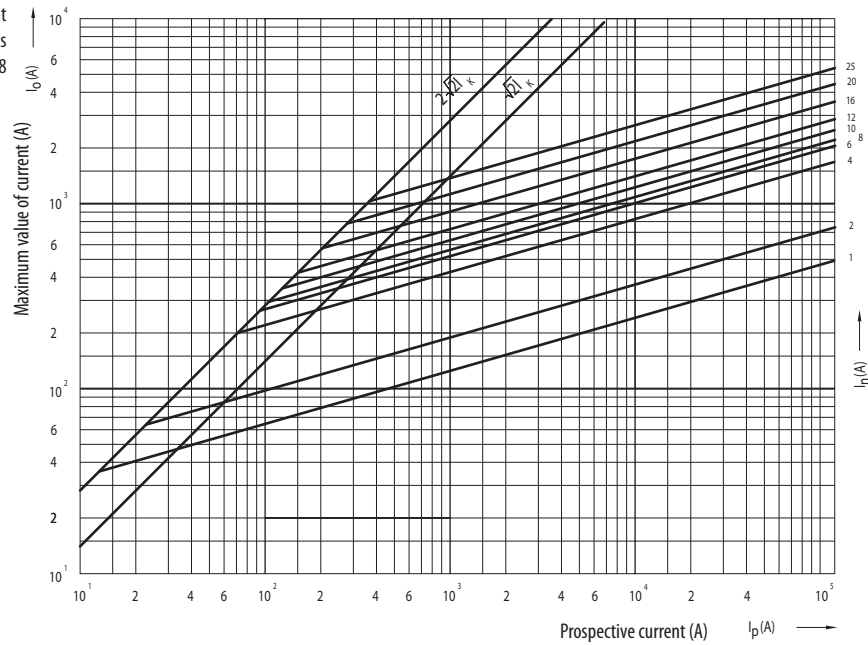
With striker pin

C

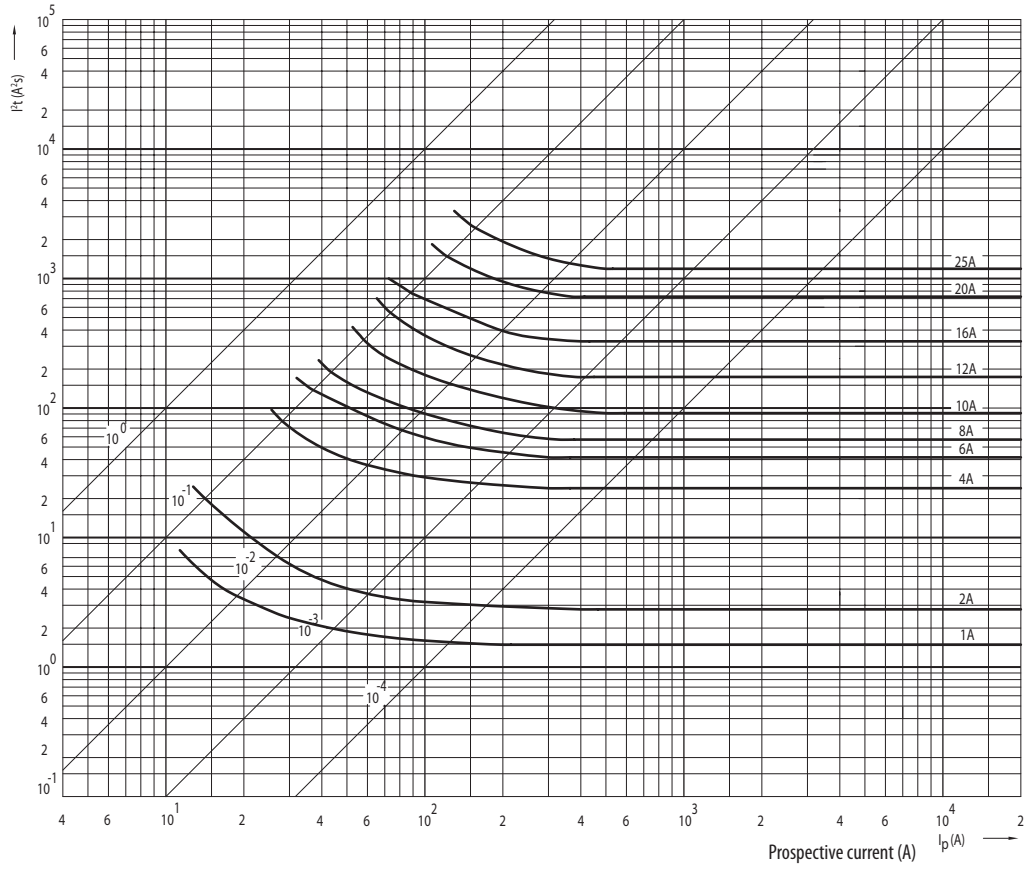
Time current characteristics I/t, gG CH8



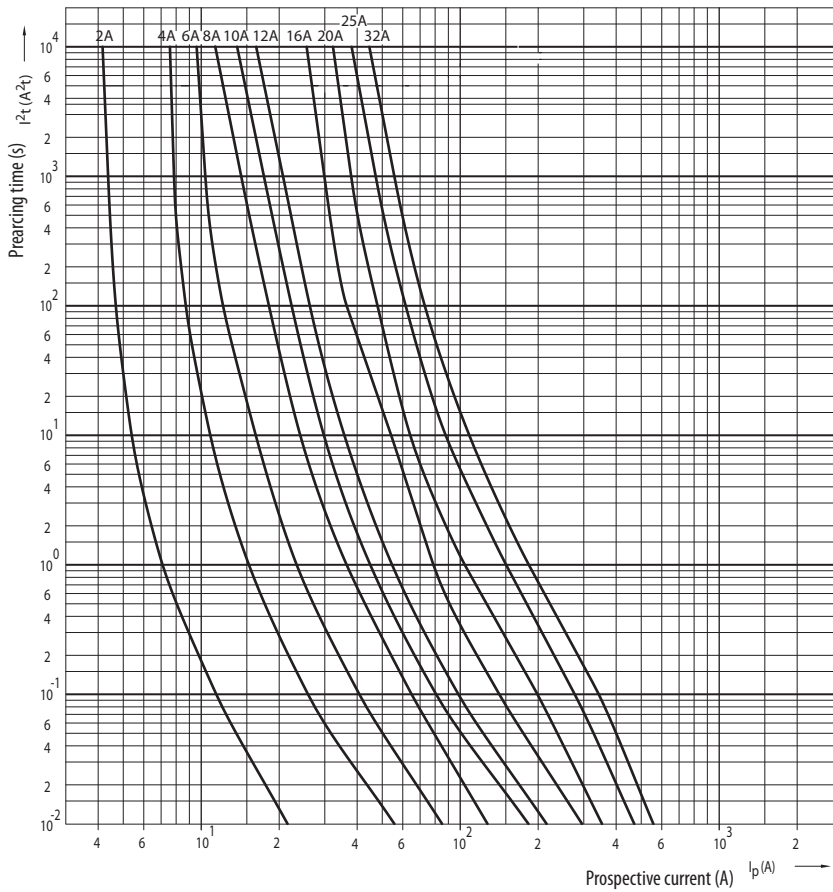
Cut-off current characteristics CH8



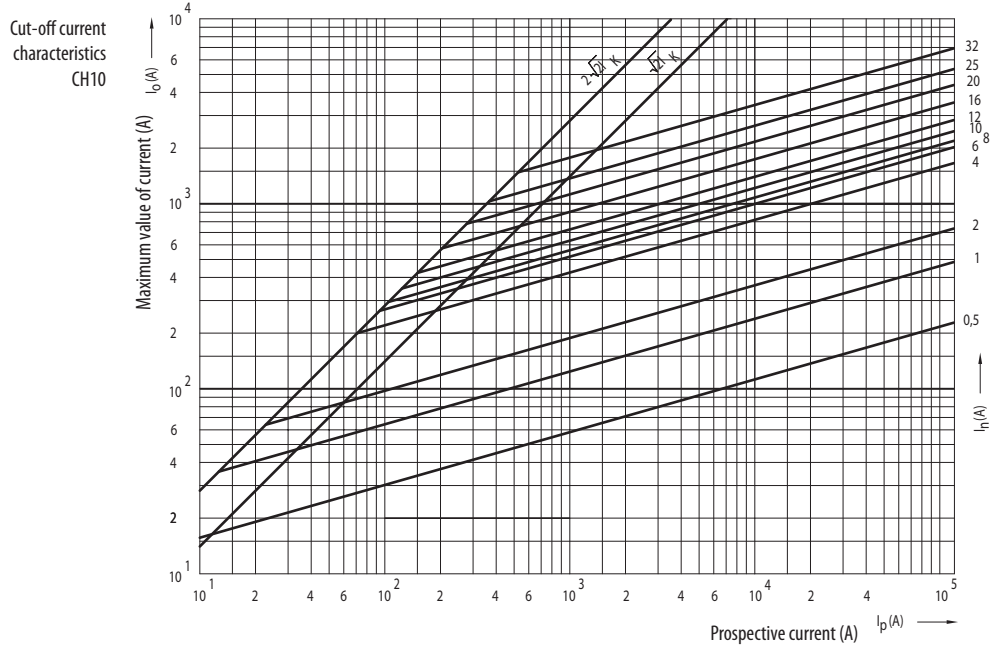
Melting energy characteristics I^2t CH8



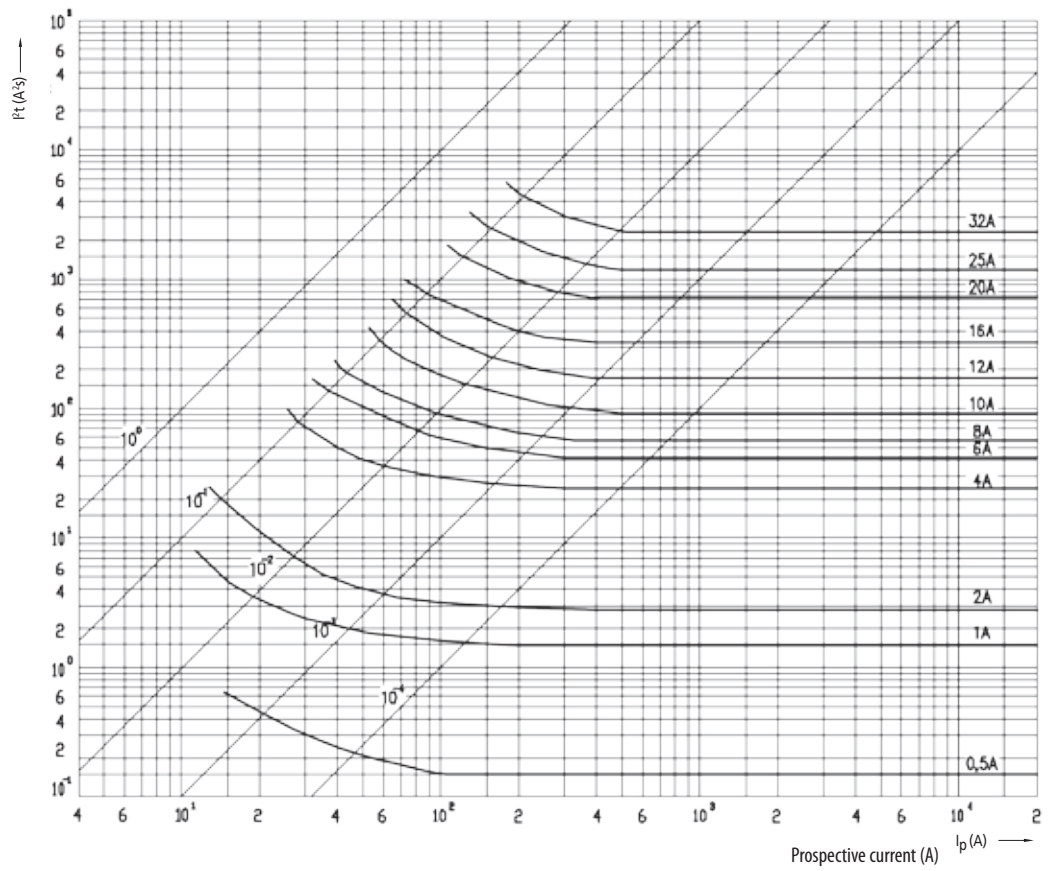
Time current characteristics $I/t, gG$ CH10



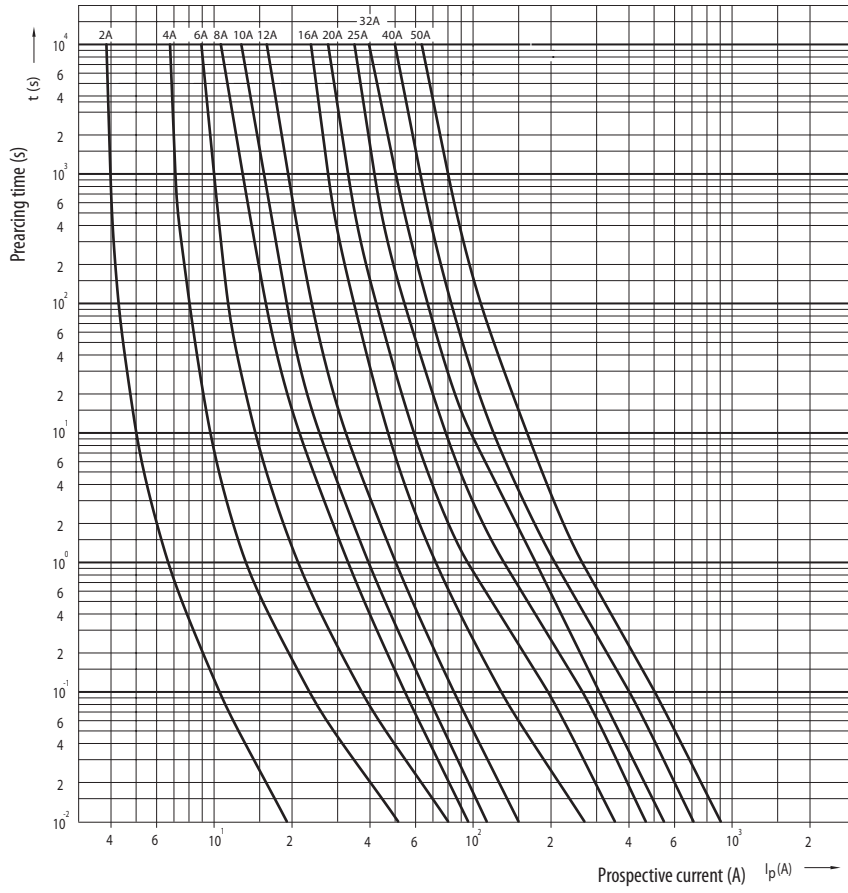
C



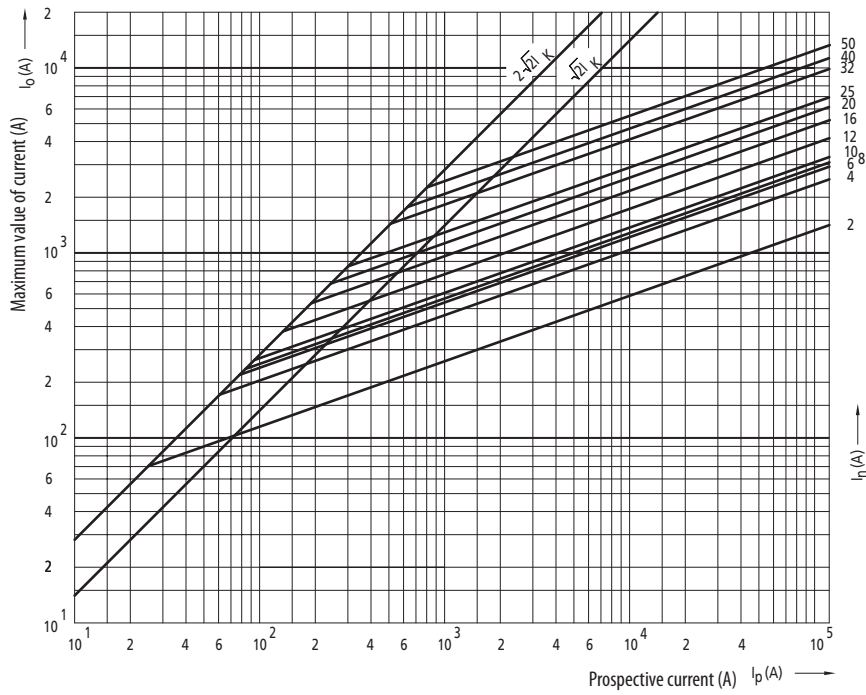
Melting energy characteristics I^2t CH10



Time current characteristics I/t, gG CH14

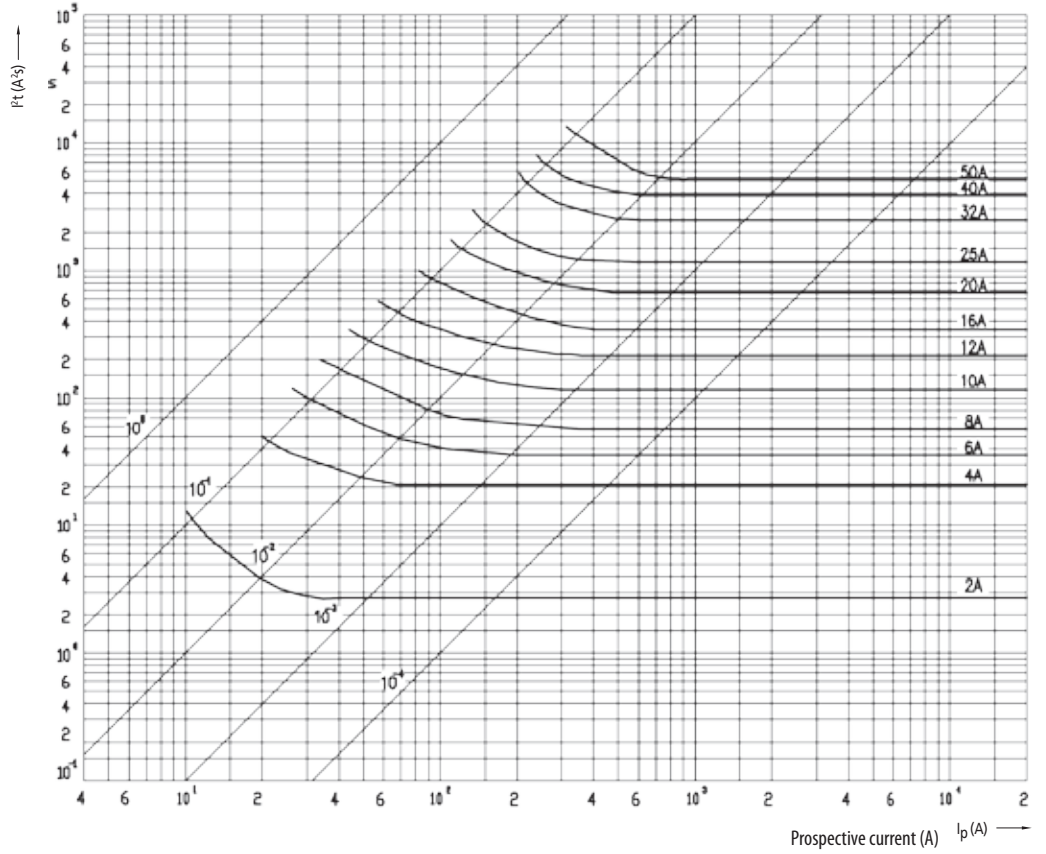


Cut-off current characteristics CH14

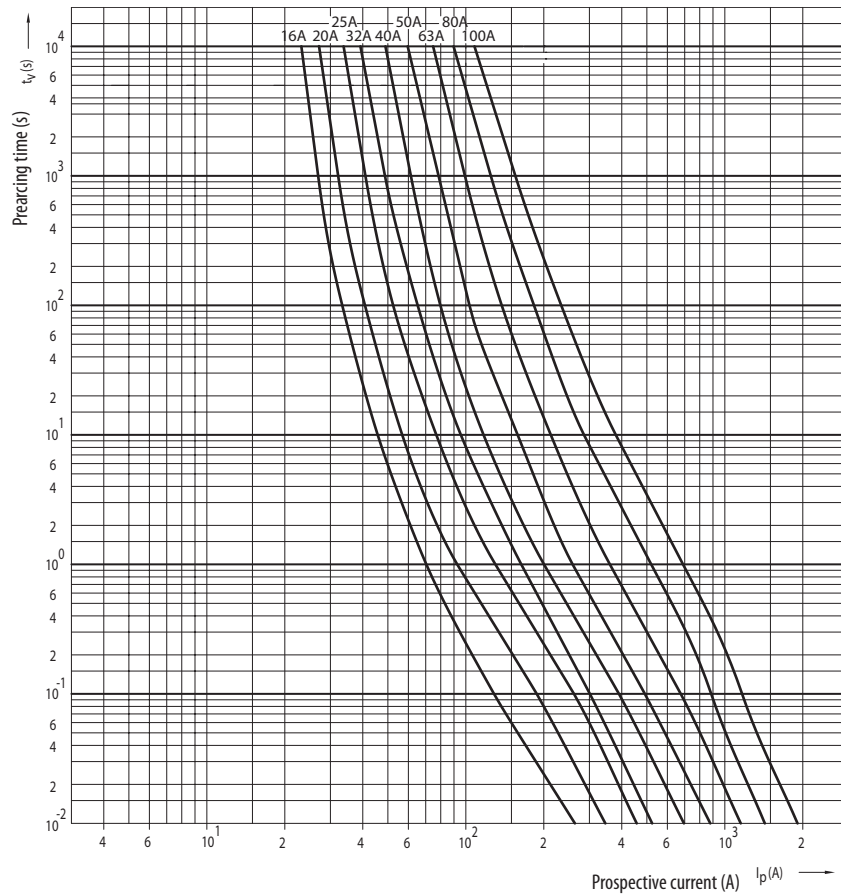


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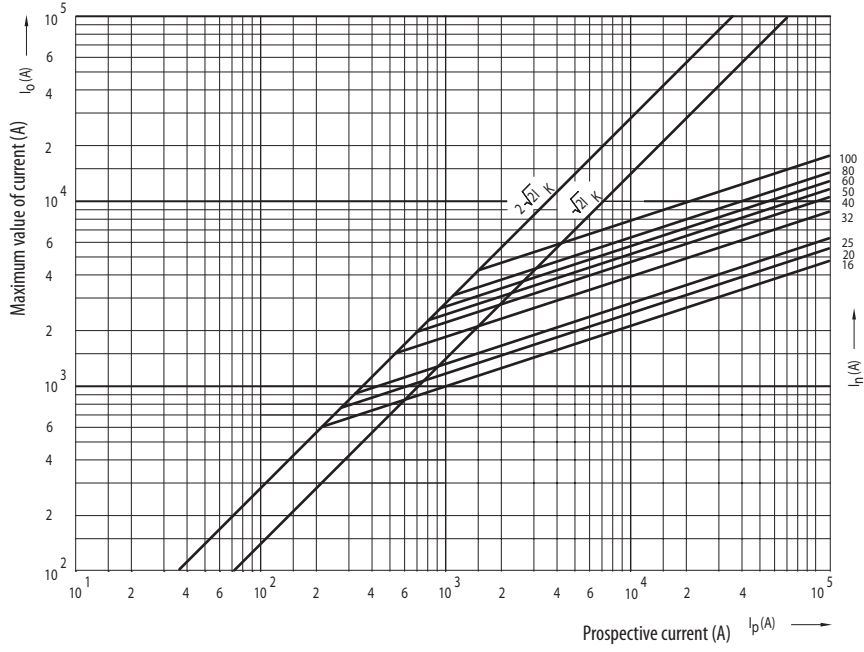
Melting energy characteristics I²t CH14



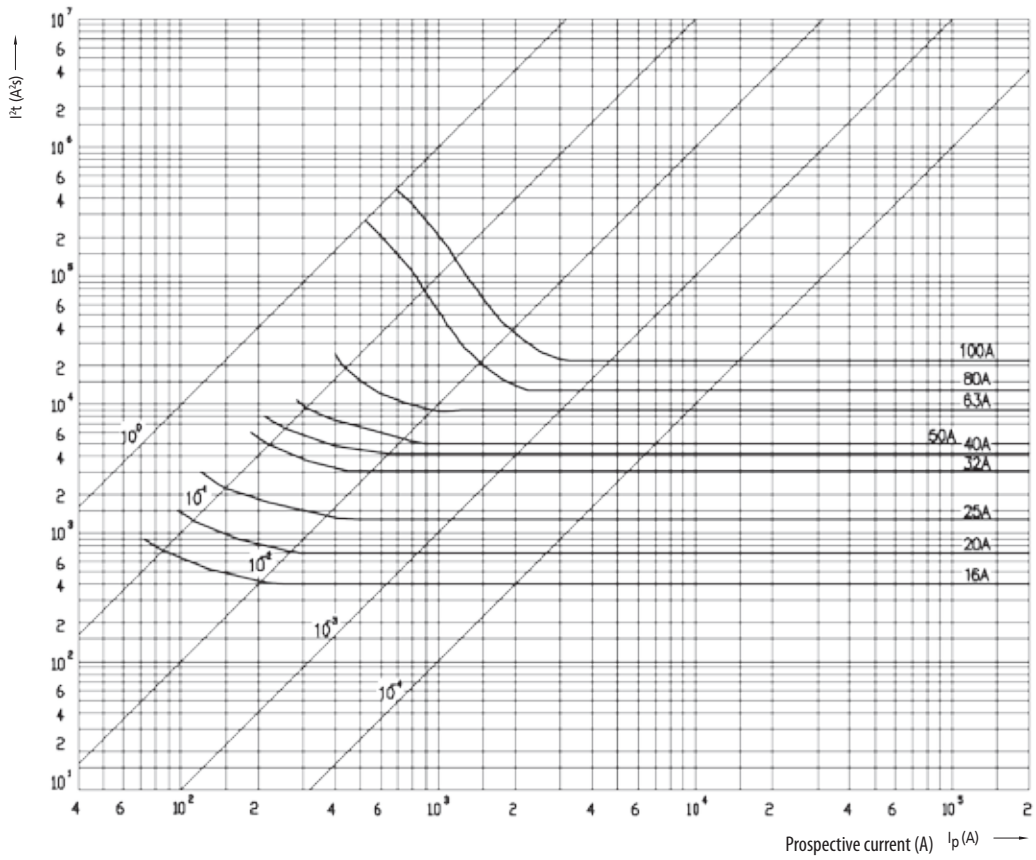
Time current characteristics I/t, gG CH22



Cut-off current characteristics CH22



Melting energy characteristics I't CH22



C

Time current characteristics I/t, aM
CH10, 14, 22

