

C Cylindrical fuse-links

Cylindrical fuse-link CH

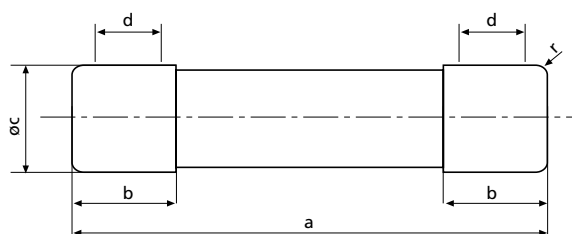
Rated current
0,16-125 A

Fusing characteristic
gG, aM

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. 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	0,5-25 A/400 V
	CH 10	0,16-20 A/500 V(25 A/500 V gG), 25-32 A/400 V
	CH 14	0,25-25 A/690 V, 32-50 A/500 V
	CH 22	1-80 A/690 V, 100-125 A/500 V
Rated frequency	50 Hz	
Rated breaking capacity	CH 8	20 kA
	CH 10	120 kA
	CH 14	120 kA
	CH 22	120 kA
Characteristics	gG, aM	
Body material	ceramic	
Material of contact parts	Cu, 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/-2	16,2	22,2±0,1	11	±1

CH 8x32 / 20kA

Rated voltage / Rated current	Code No. gG	Power dissipation (In) Pd [W]	Code No. aM	Power dissipation (In) Pd [W]	Weight [g]	Packaging [pcs]
400V	0,5A	0,55			4,4	10/2500
	1A	0,35	002652000	0,09		
	2A	0,45	002652001	0,15		
	4A	0,65	002652002	0,26		
	6A	0,83	002652003	0,35		
	8A	1,0	002652004	0,47		
	10A	1,2	002652005	0,55		
	12A	1,3	002652006	0,7		
	16A	1,7				
	20A	2,0				
	25A	2,4				

**CH 10x38 / 120kA**

Rated voltage / Rated current	Code No. gG	Power dissipation (In) Pd [W]	Code No. aM	Power dissipation (In) Pd [W]	Weight [g]	Packaging [pcs]
500V	0,16A		002652007	0,07	8,3	10/1800
	0,25A		002652008	0,08		
	0,5A	0,07	002652009	0,07		
	1A	0,45	002652010	0,1		
	2A	0,5	002652011	0,14		
	4A	0,85	002652012	0,28		
	6A	0,95	002652013	0,38		
	8A	1,15	002652014	0,55		
	10A	1,3	002652015	0,62		
	12A	1,4	002652016	0,82		
	16A	1,9	002652017	0,87		
	20A	2,4	002652018	1,05		
	25A	2,7	002652019	1,2		
	32A	2,8	002652020	1,8		
400V						

* 500V

**CH 14x51 / 120kA**

Rated voltage / Rated current	Code No. gG	Power dissipation (In) Pd [W]	Code No. aM	Power dissipation (In) Pd [W]	Weight [g]	Packaging [pcs]
690V	0,25A		002652021	0,1	21	10/700
	0,5A		002652022	0,9		
	1A	0,6	002652023	0,13		
	2A	0,75	002652024	0,18		
	4A	1,1	002652025	0,28		
	6A	1,25	002652026	0,42		
	8A	1,45	002652027	0,55		
	10A	1,65	002652028	0,65		
	12A	1,8	002652029	0,75		
	16A	2,35	002652030	1,05		
	20A	2,75	002652031	1,3		
	25A	3,1	002652032	1,55		
	32A	3,6	002652033	2,05		
	40A	4	002652034	2,65		
500V	45A		002652035	2,85		
	50A	4,8	002652036	2,95		

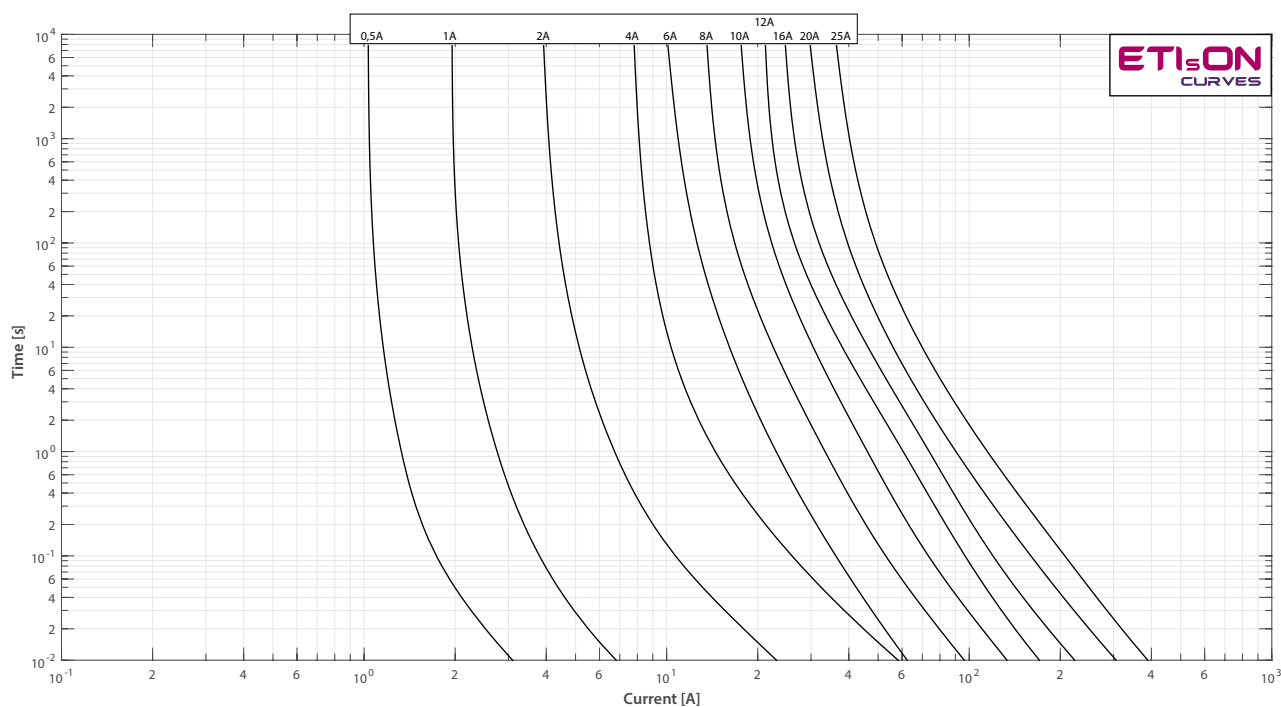


CH 22x58 / 120kA

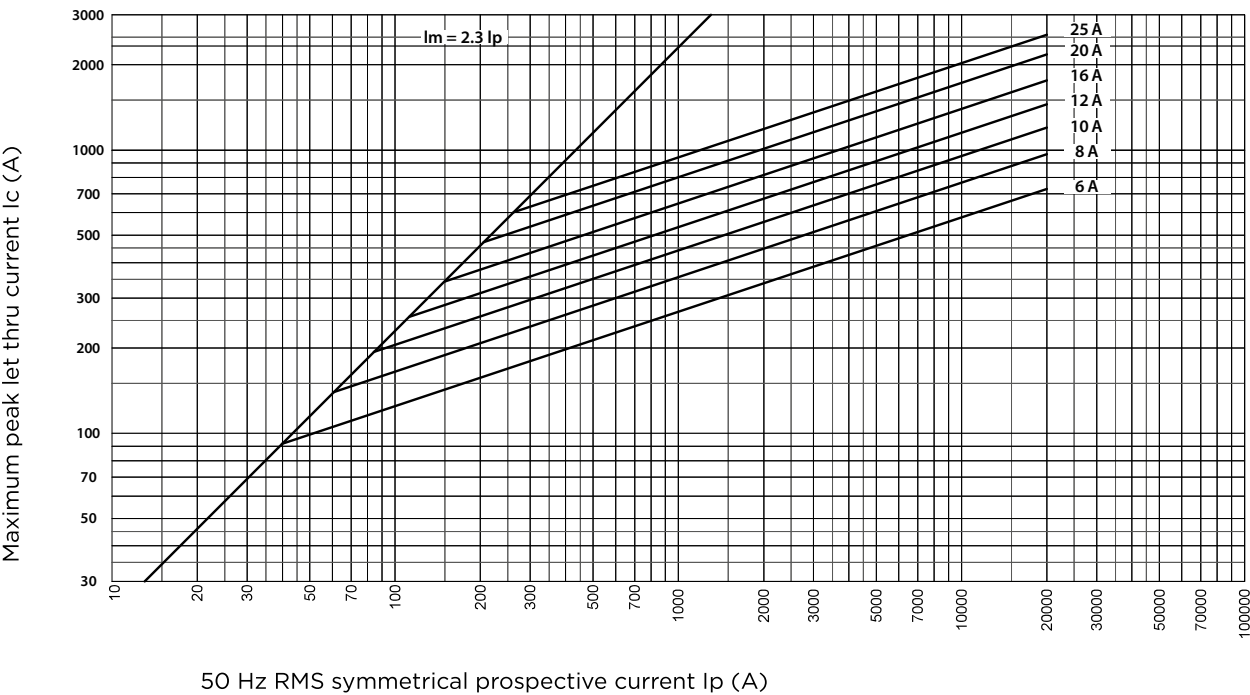
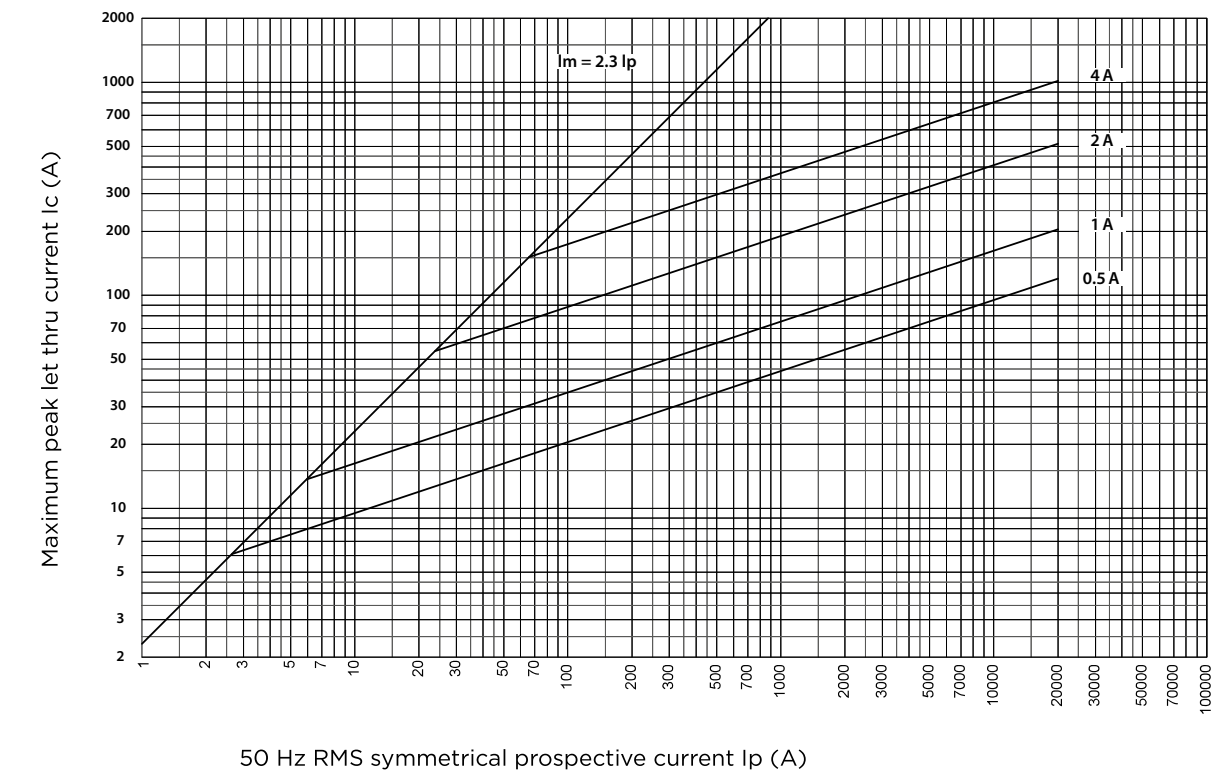
Rated voltage / Rated current	Code No. gG	Power dissipation (In) Pd [W]	Code No. aM	Power dissipation (In) Pd [W]	Weight [g]	Packaging [pcs]
690V	1A		002652037	0,2	54	10/250
	2A	0,9	002652038	0,25		
	4A	1,25	002652039	0,35		
	6A	1,4	002652040	0,45		
	8A	1,6	002652041	0,6		
	10A	1,9	002652042	0,75		
	12A	2	002652043	0,85		
	16A	2,5	002652044	1,15		
	20A	3,4	002652045	1,35		
	25A	3,5	002652046	1,7		
	32A	3,7	002652047	2,2		
	40A	4,3	002652048	2,7		
	50A	5,3	002652049	3,6		
	63A	6,3	002652050	4,8		
	80A	7,4	002652051	6,2		
500V	100A	8,3	002652052	6,65		
	125A	11,3	002652053	9,9		



Time current characteristics I/t, CH8 gG

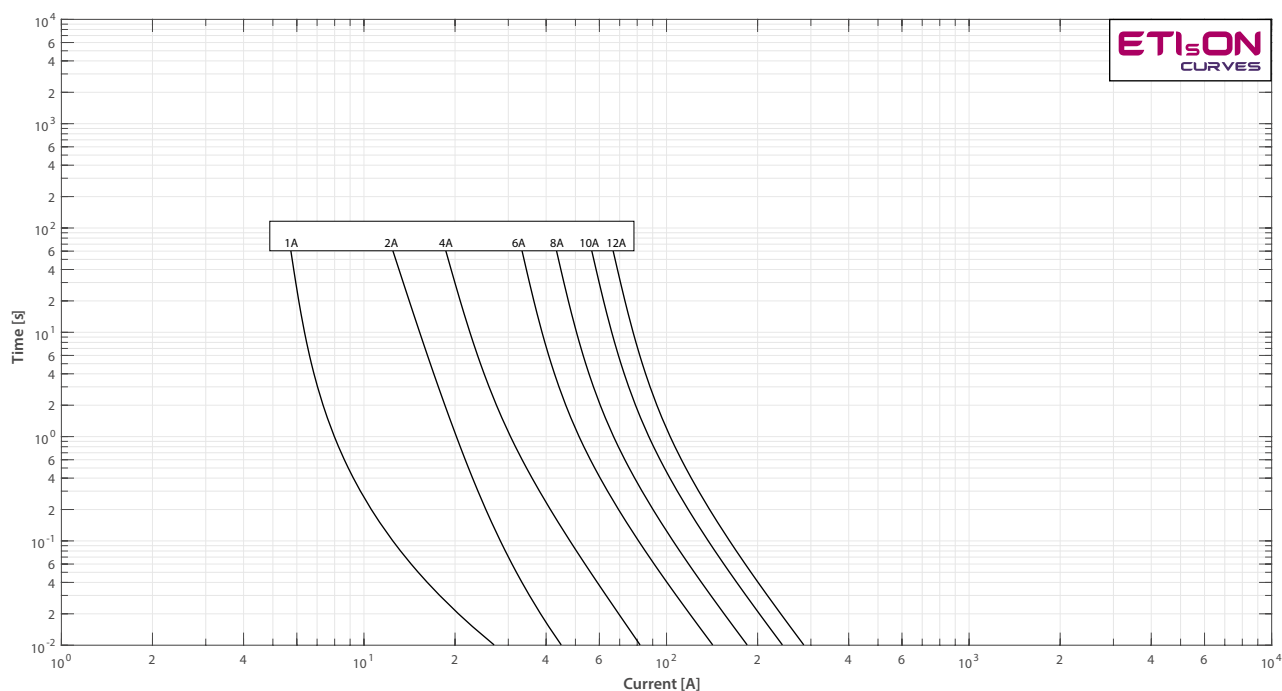


Cut-off current characteristics, CH8 gG

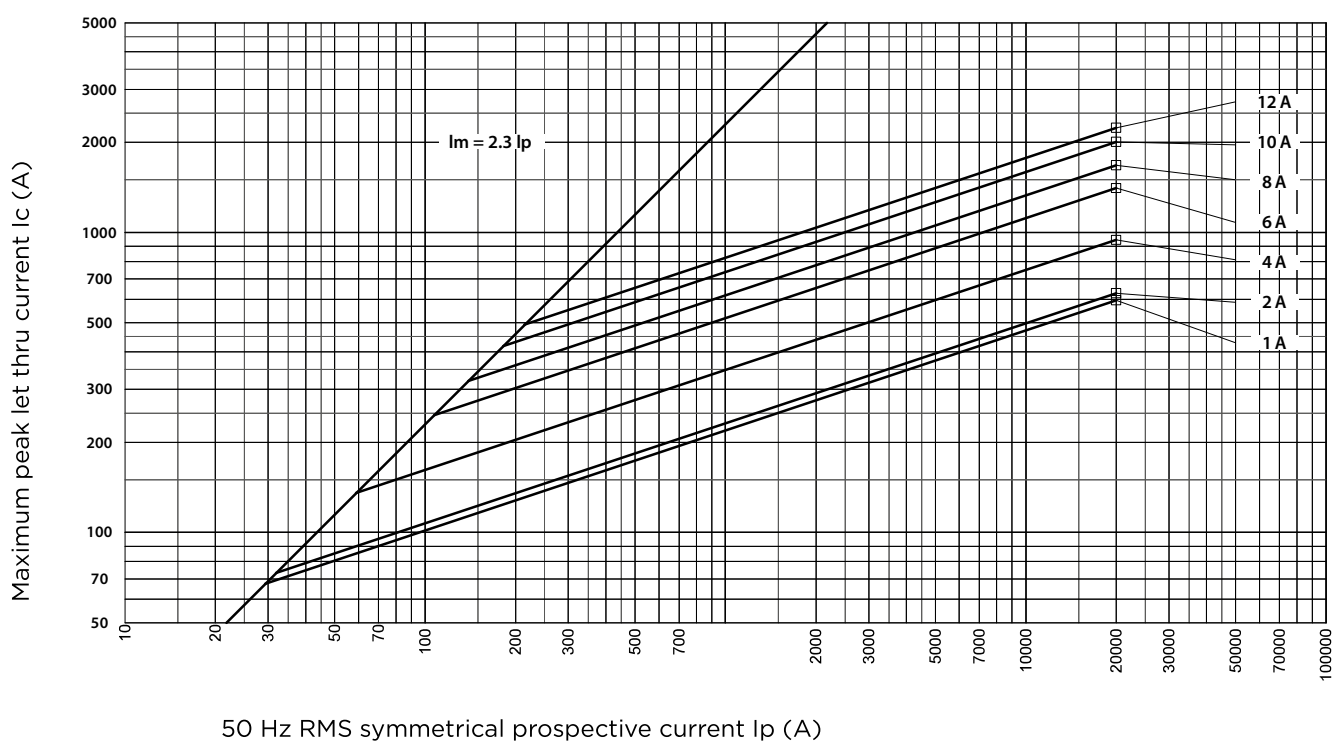


C / Fuse-switch disconnectors for cylindrical fuse-links

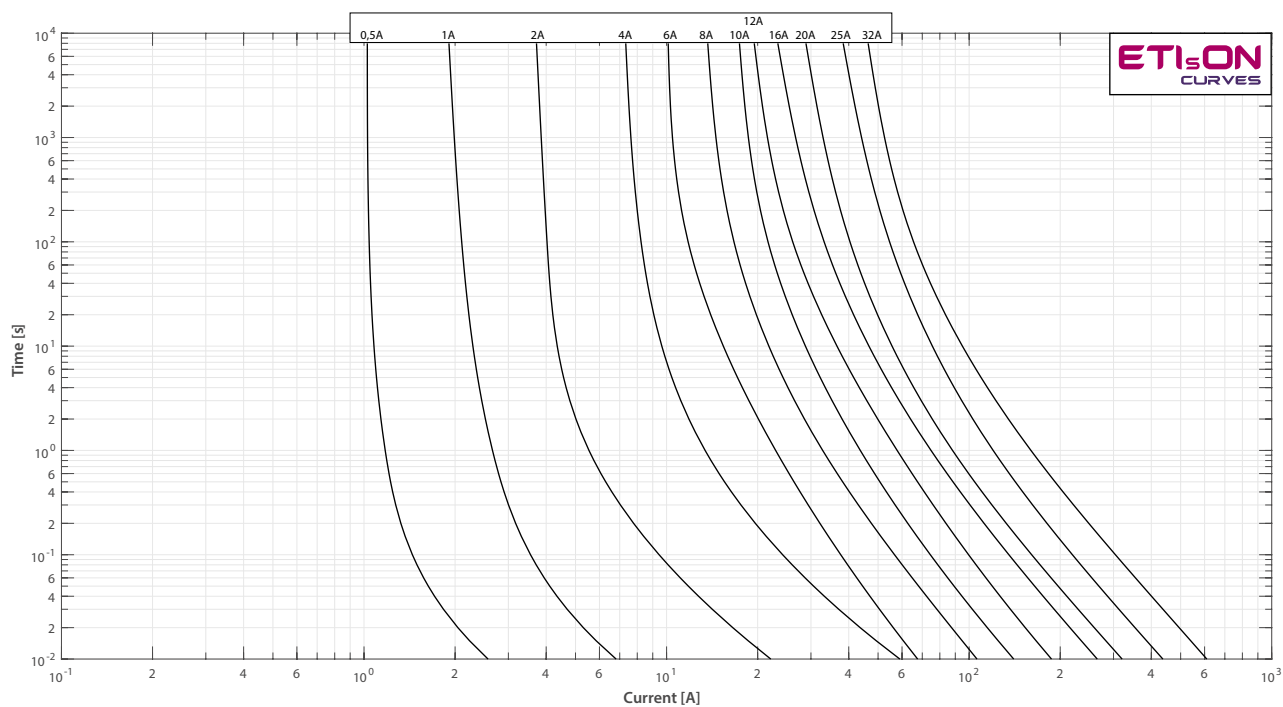
Time current characteristics I/t, CH8 aM



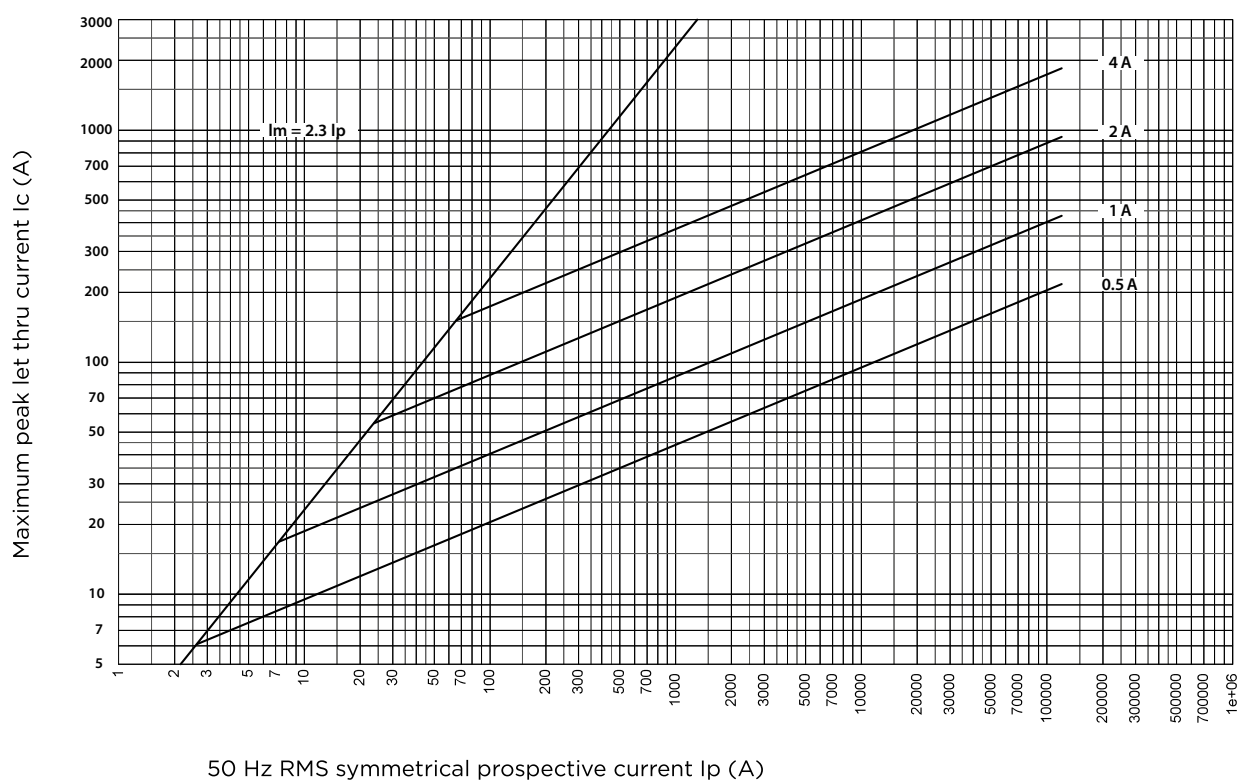
Cut-off current characteristics, CH8 aM



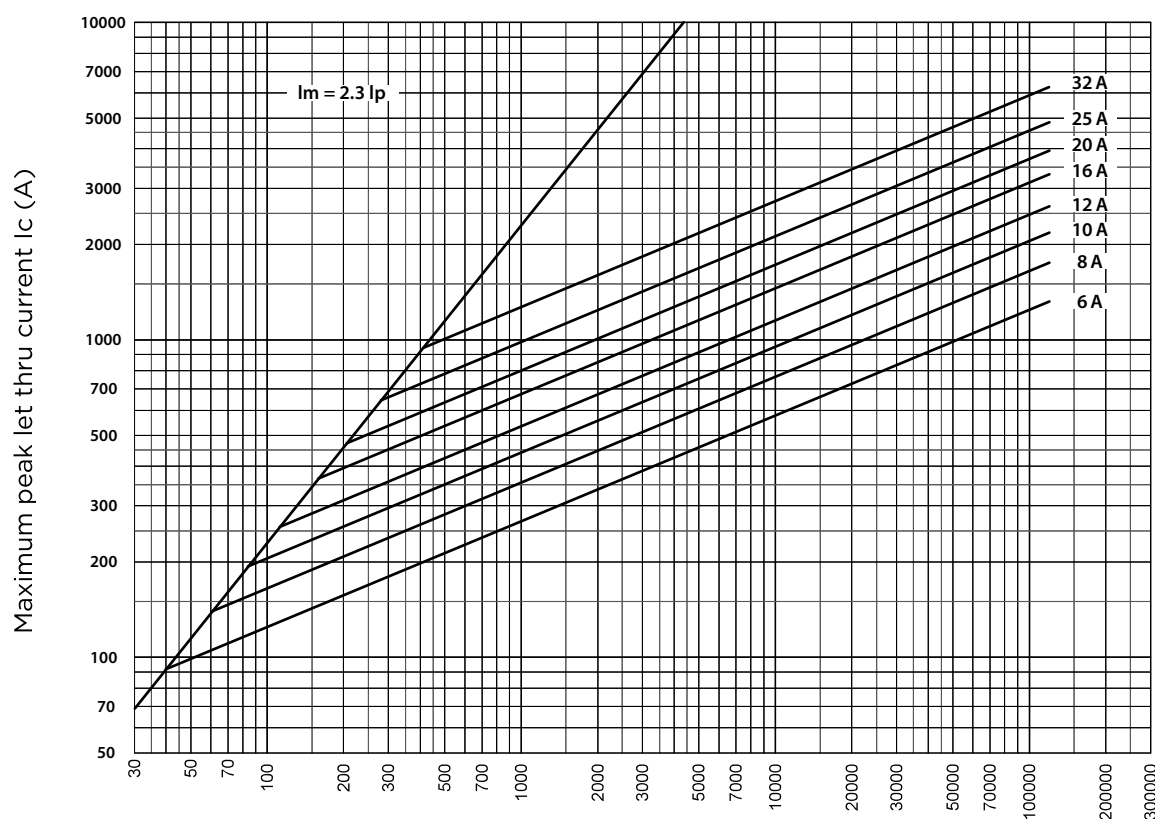
Time current characteristics I/t, CH10 gG



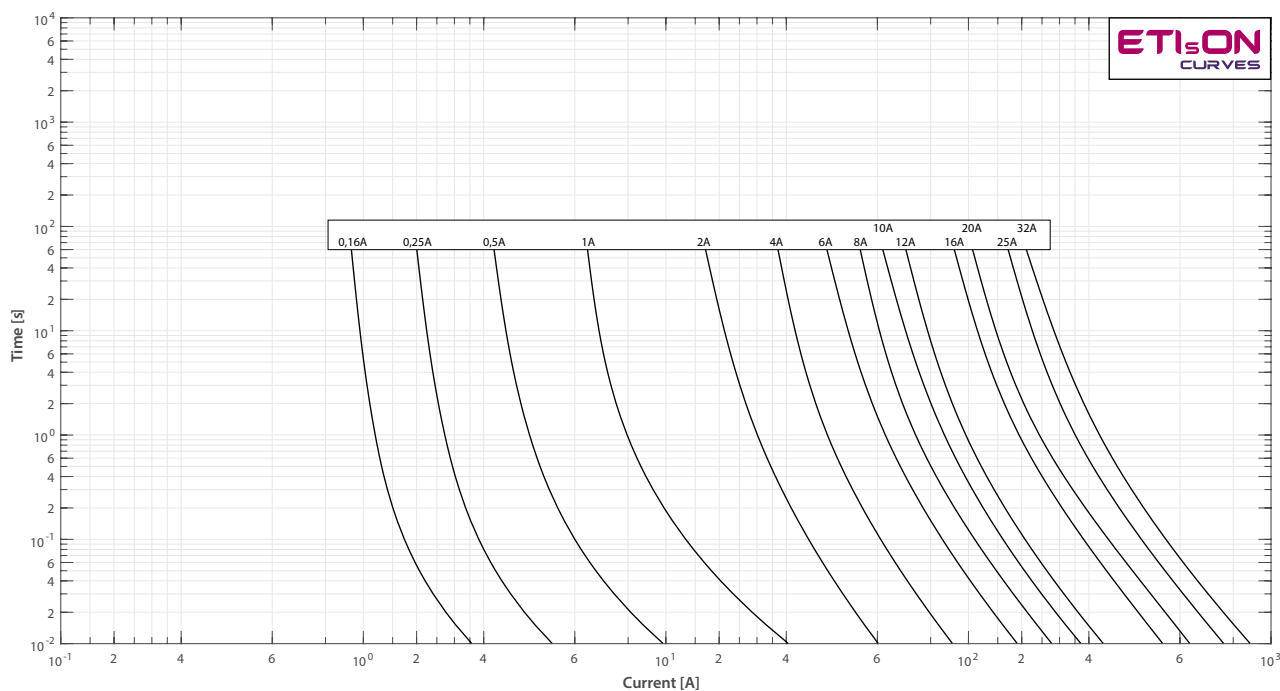
Cut-off current characteristics, CH10 gG



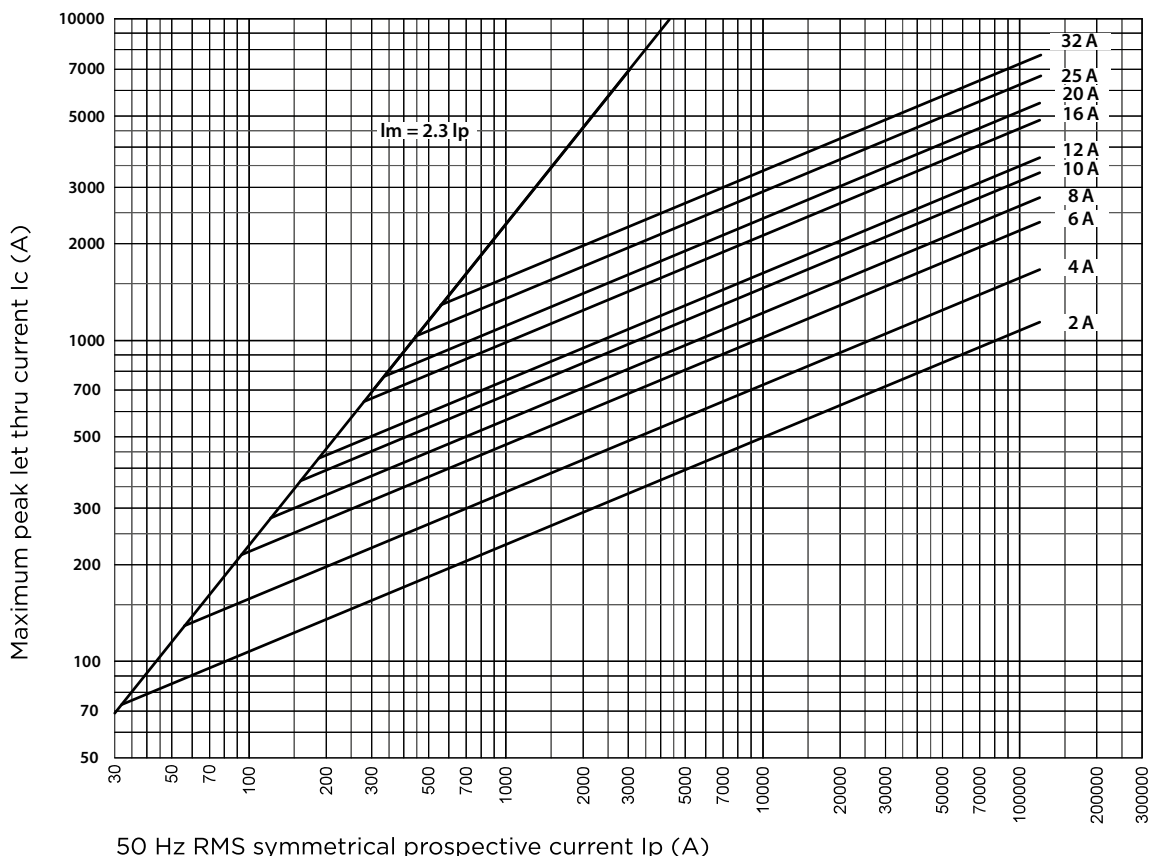
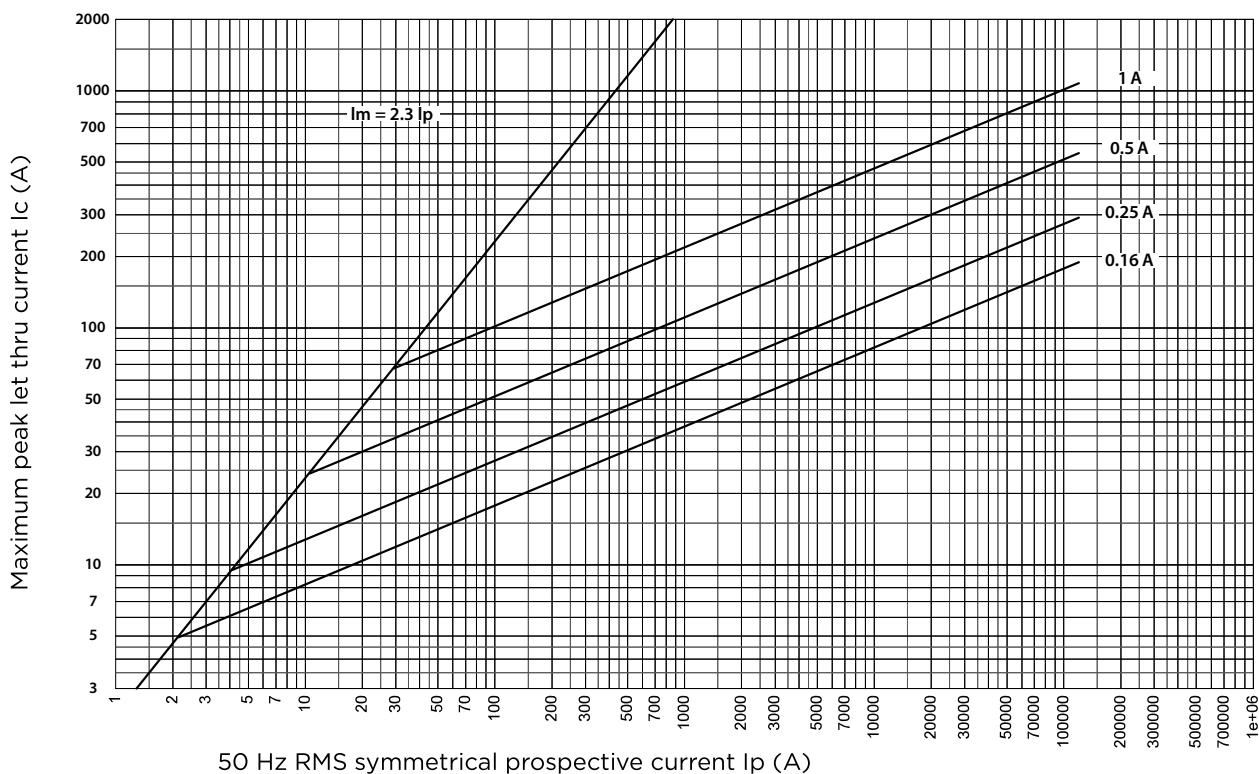
C / Cylindrical fuse-links



Time current characteristics I/t , CH10 aM

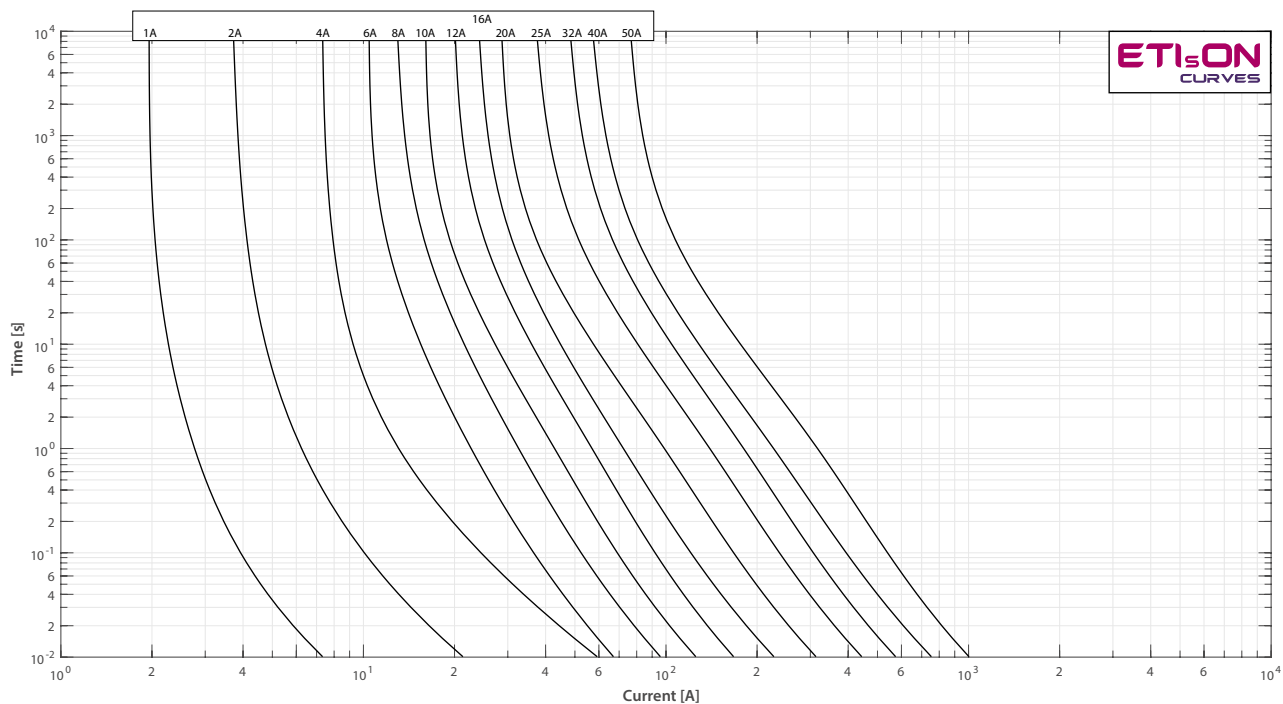


Cut-off current characteristics, CH10 aM

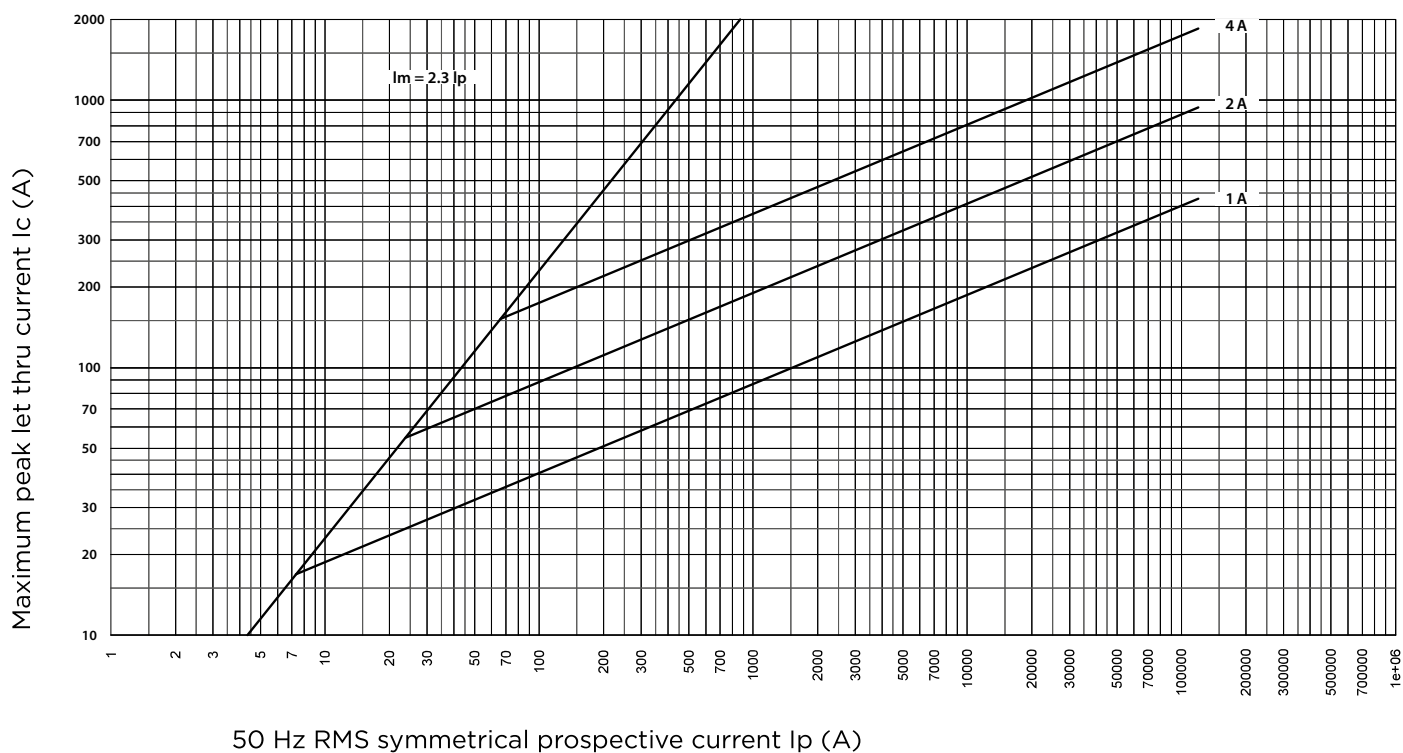


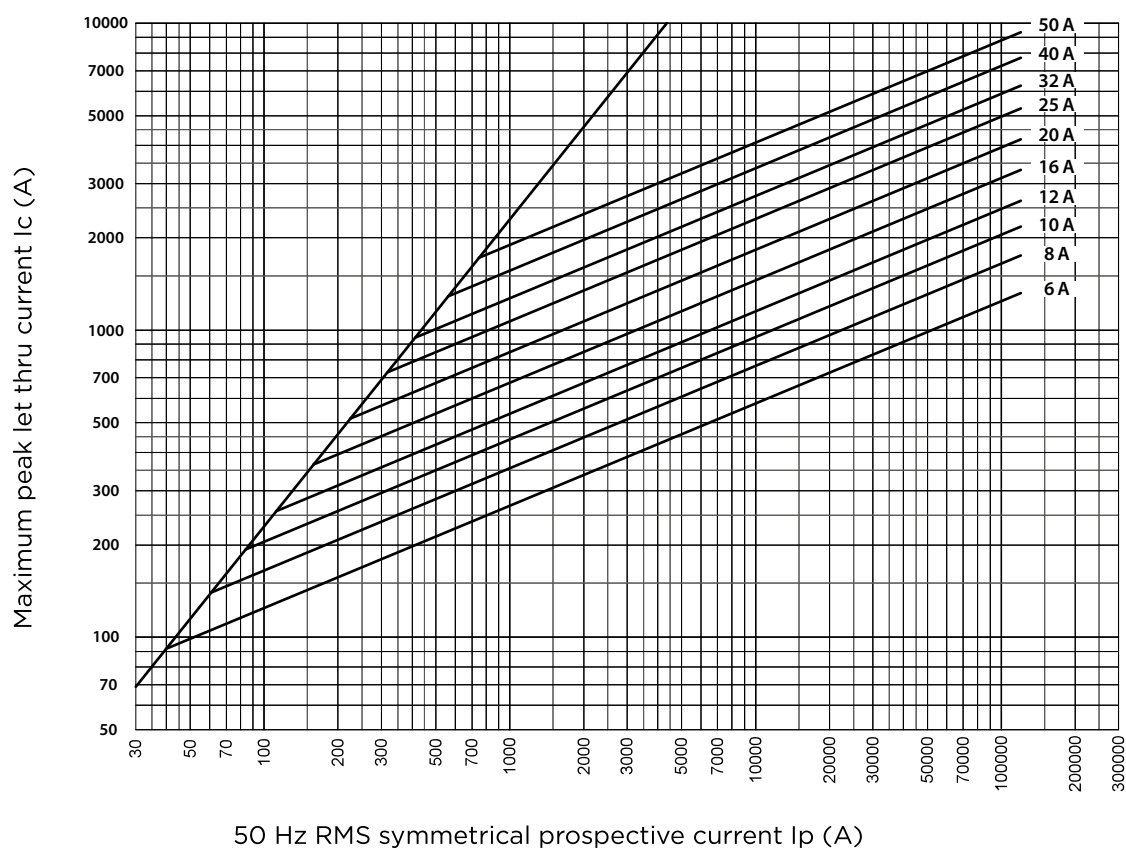
C / Fuse-switch disconnectors for cylindrical fuse-links

Time current characteristics I/t, CH14 gG

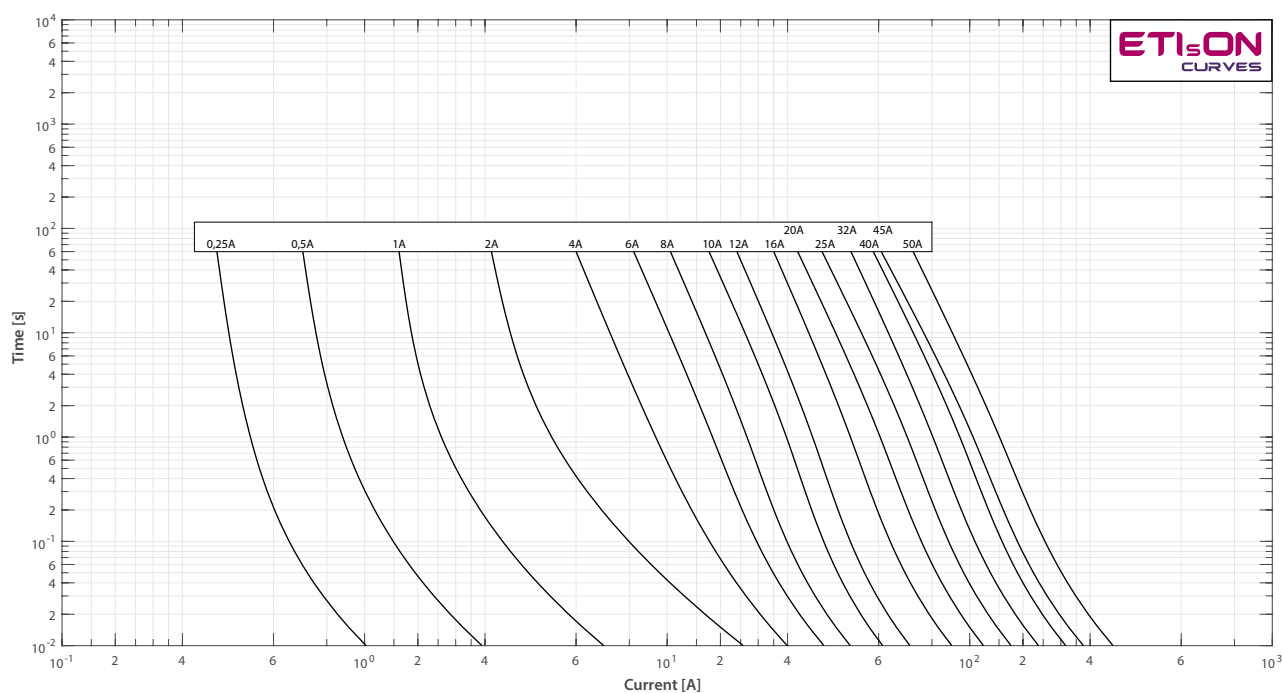


Cut-off current characteristics, CH14 gG

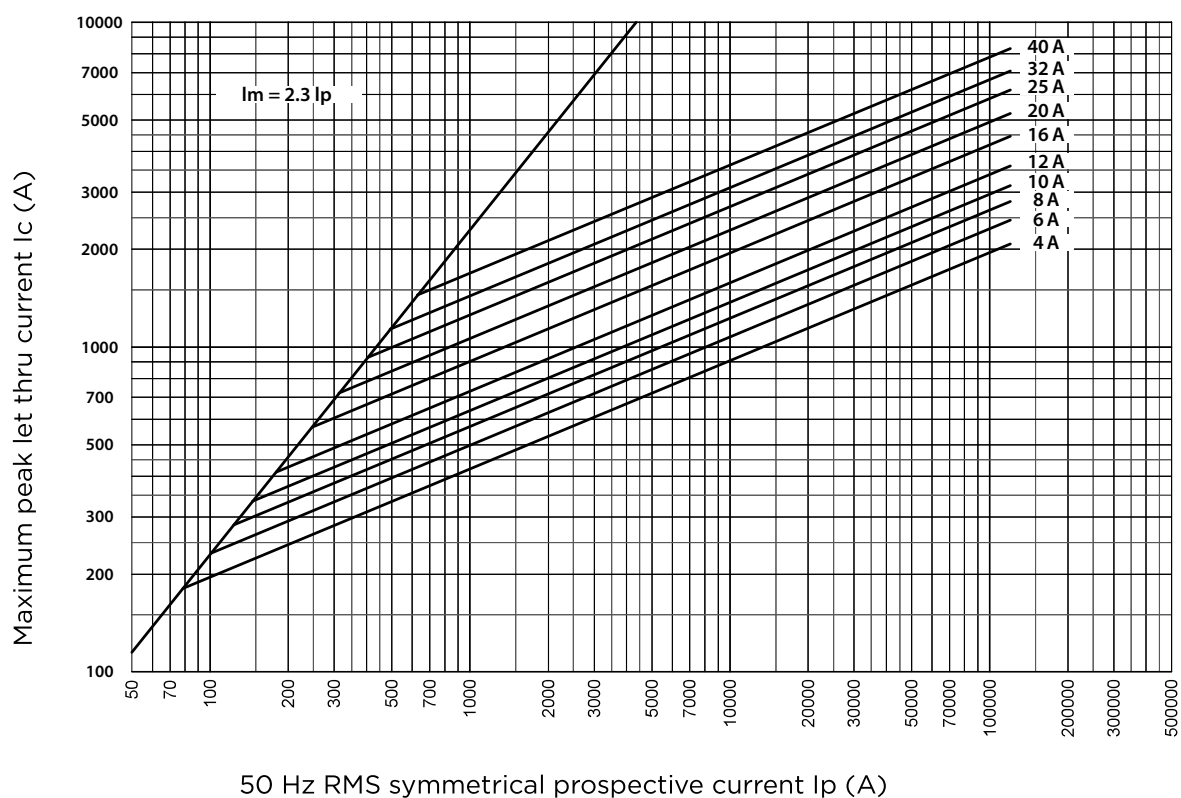
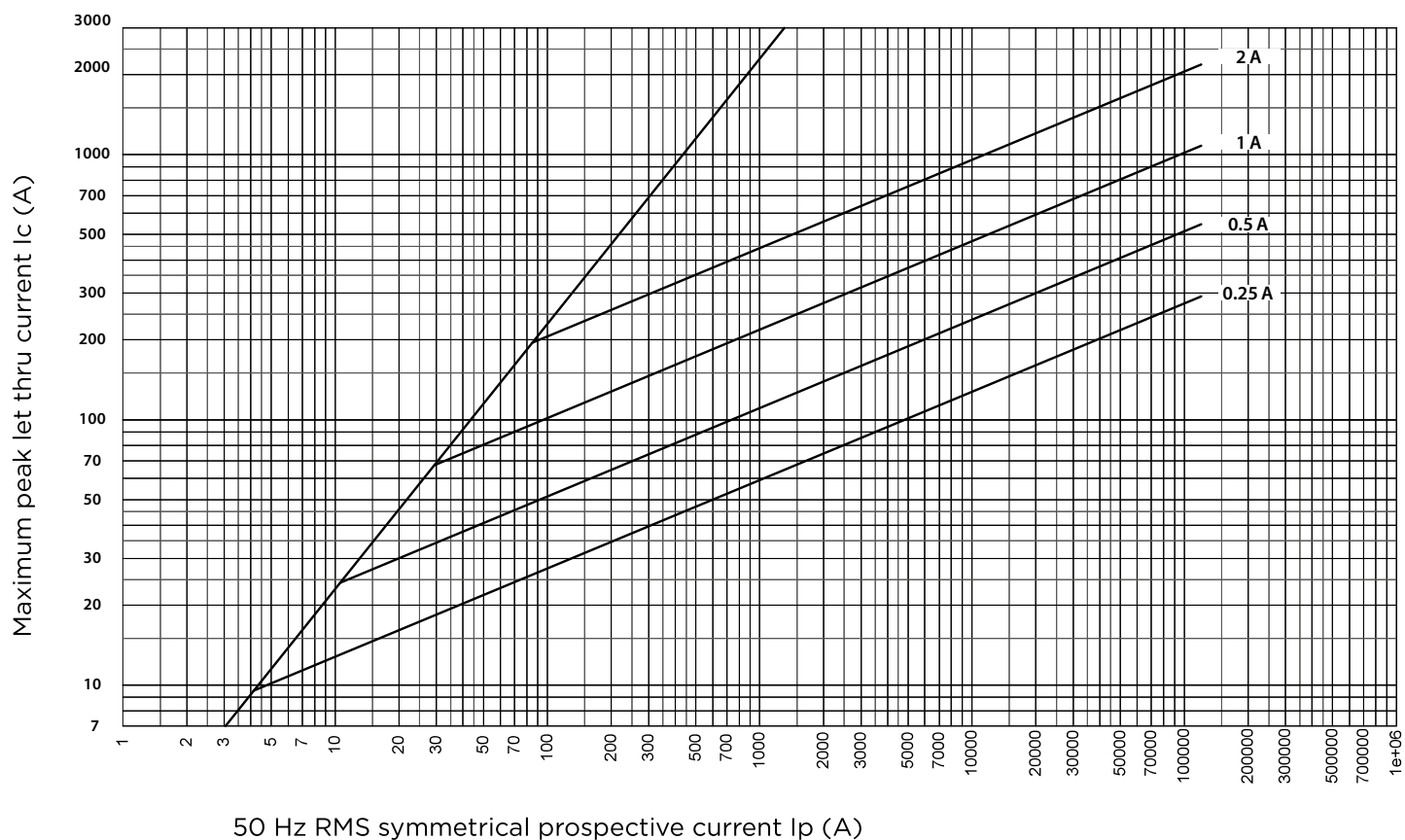


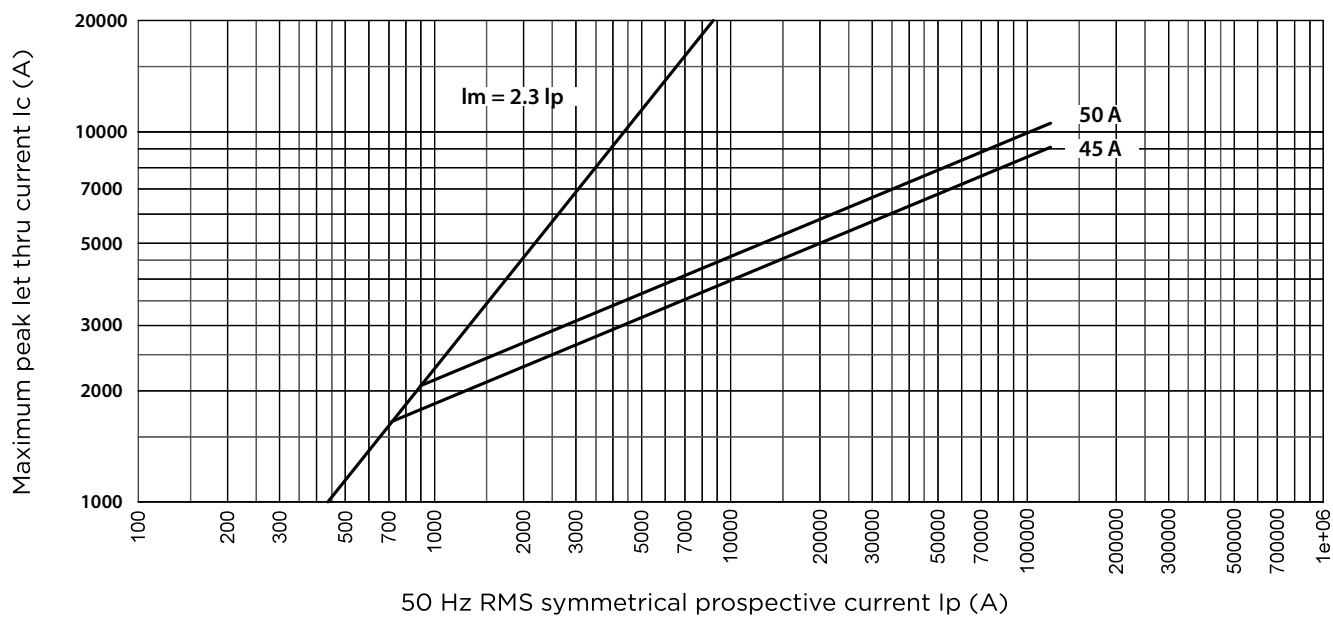


Time current characteristics I/t, CH14 aM

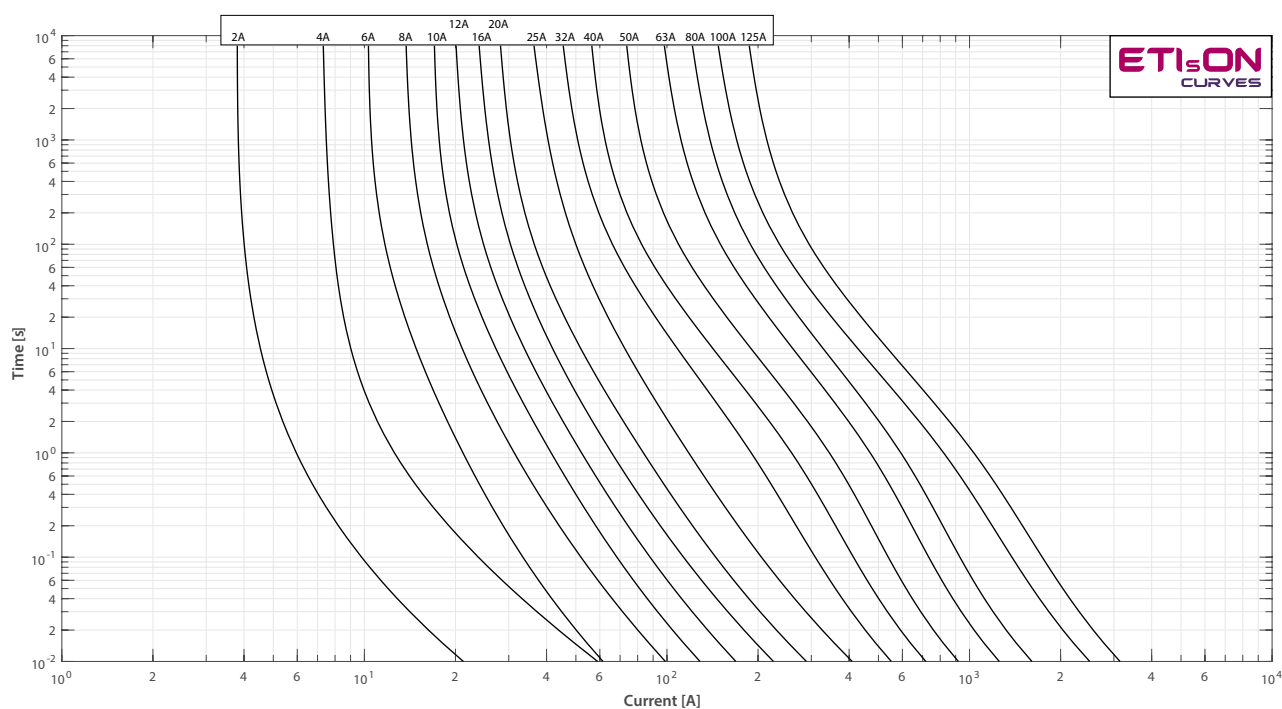


Cut-off current characteristics, CH14 aM

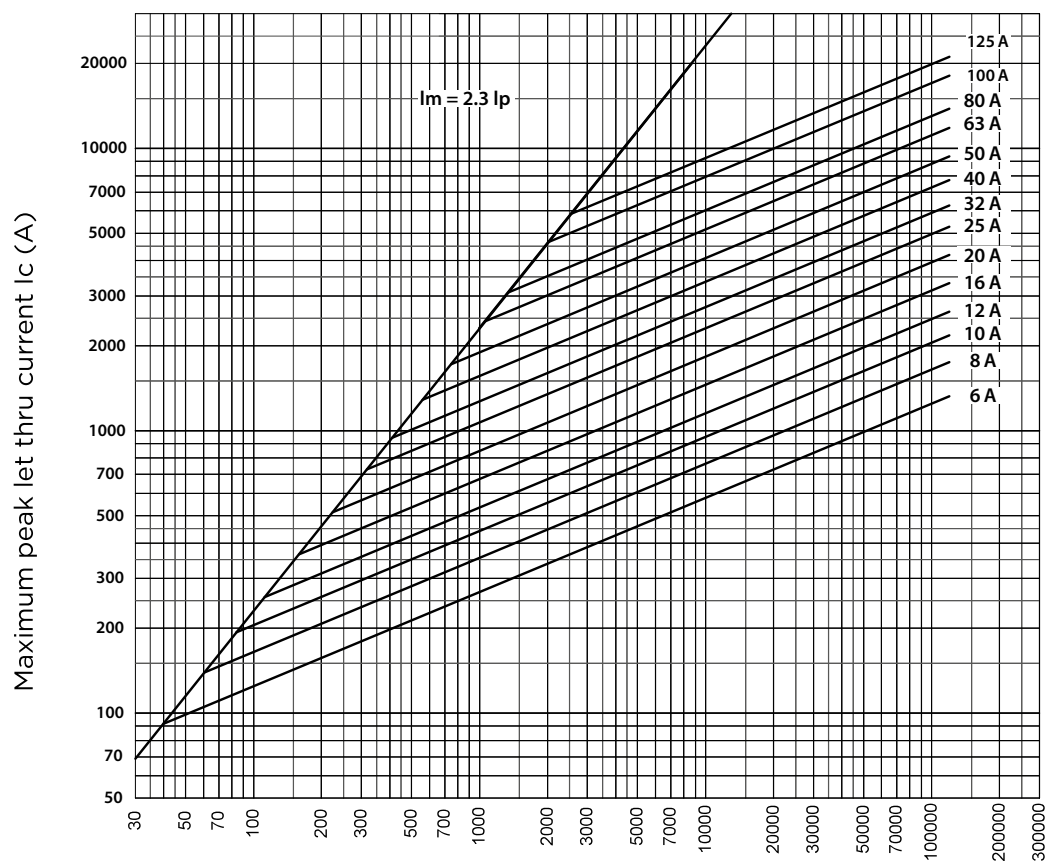
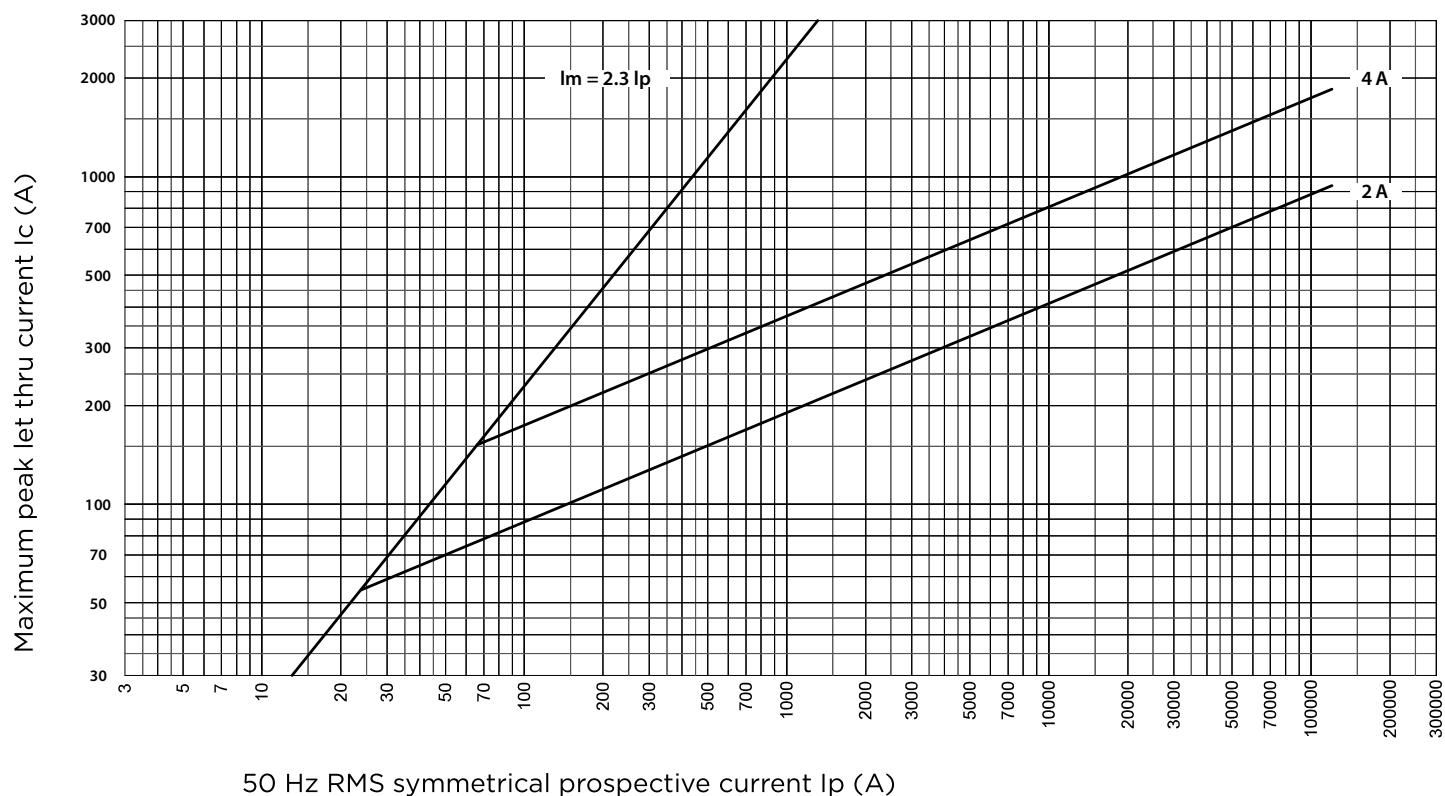




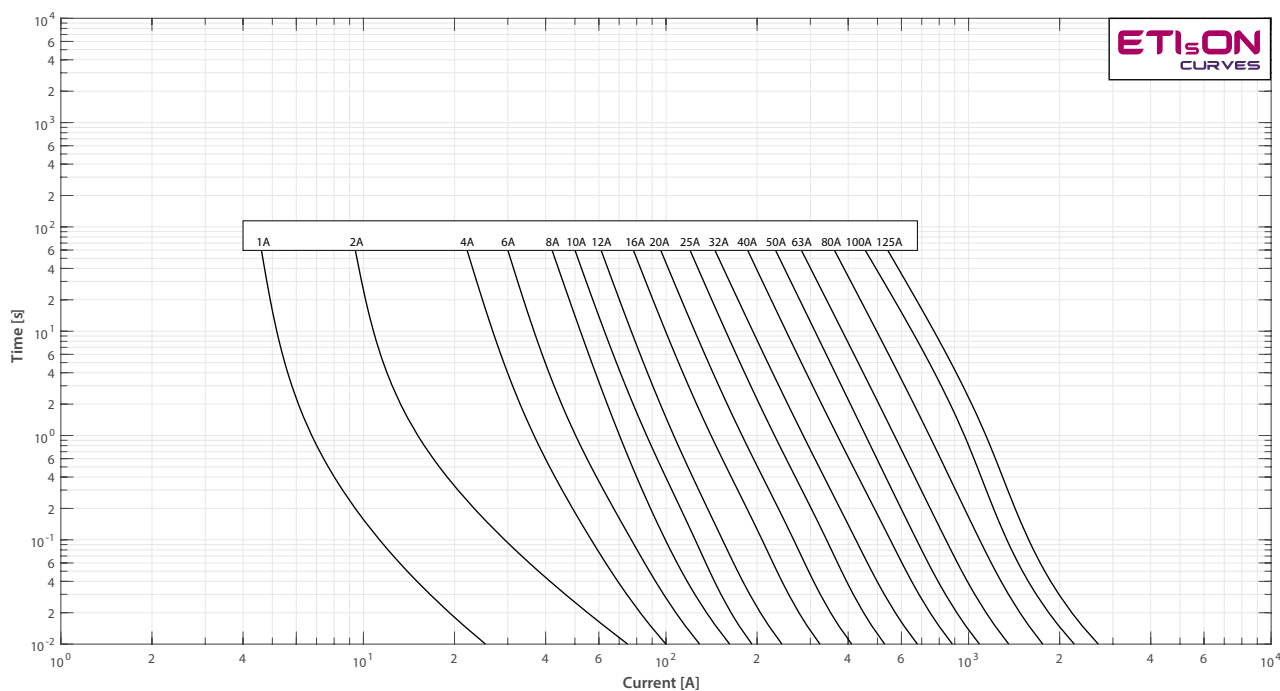
Time current characteristics I/t , CH22 gG



Cut-off current characteristics, CH22 gG



Time current characteristics I/t, CH22 aM



Cut-off current characteristics, CH22 aM

