

aR

TYPES
CH, CH-S

RATED VOLTAGE
~690V

Technical data:

Standards:
IEC 60269-4

Breaking capacity:
~200 kA
Rated voltage:
~600V, ~690V

Application:

Fuse-links of system C are applied in fuse disconnectors VLC and PCF.

CH10



CH22



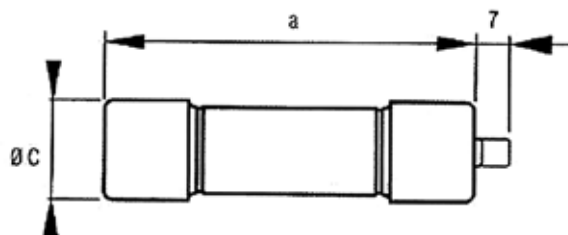
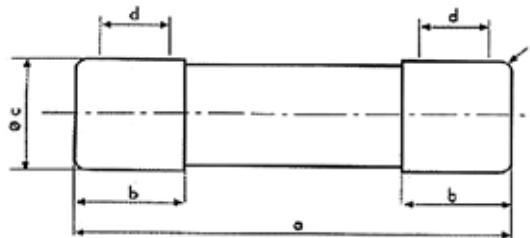
Size	In (A)	Type without indicator	Code No. ETI	Operating I _t -value (A ² s)	Power dissipation (W)	Type with striker	Code No. ETI	Char.	Pack. (pcs.)	Weight (g)
10x38	6	CH10UQ/6A/600V	002625005	30	1,5	-		aR	10	10
	8	CH10UQ/8A/600V	002625006	50	2	-		aR	10	10
	10	CH10UQ/10A/600V	002625007	70	2,5	-		aR	10	10
	12	CH10UQ/12A/600V	002625008	120	3	-		aR	10	10
	16	CH10UQ/16A/600V	002625009	150	3,5	-		aR	10	10
	20	CH10UQ/20A/600V	002625011	260	4,8	-		aR	10	10
	25	CH10UQ/25A/600V	002625013	290	6	-		aR	10	10
14x51	32	CH10UQ/32A/600V	002625015	600	7,5	-		aR	10	10
	10	CH14UQ/10A/690V	002635007	22	4	CH-S14/10A/690V	002635107	aR	10	22,5
	12	CH14UQ/12A/690V	002635008	50	5	CH-S14/12A/690V	002635108	aR	10	22,5
	16	CH14UQ/16A/690V	002635009	75	5,5	CH-S14/16A/690V	002635109	aR	10	22,5
	20	CH14UQ/20A/690V	002635011	180	6	CH-S14/20A/690V	002635111	aR	10	22,5
	25	CH14UQ/25A/690V	002635013	320	7	CH-S14/25A/690V	002635113	aR	10	22,5
	32	CH14UQ/32A/690V	002635015	600	7,6	CH-S14/32A/690V	002635115	aR	10	22,5
22x58	40	CH14UQ/40A/690V	002635017	750	8	CH-S14/40A/690V	002635117	aR	10	22,5
	50	CH14UQ/50A/690V	002635019	1.800	9	CH-S14/50A/690V	002635119	aR	10	22,5
	20	CH22UQ/20A/690V	002645011	260	5,6	CH-S22/20A/690V	002645111	aR	10	45
	25	CH22UQ/25A/690V	002645013	410	5,6	CH-S22/25A/690V	002645113	aR	10	45
	32	CH22UQ/32A/690V	002645015	605	7	CH-S22/32A/690V	002645115	aR	10	45
	40	CH22UQ/40A/690V	002645017	750	8,5	CH-S22/40A/690V	002645117	aR	10	45
	50	CH22UQ/50A/690V	002645019	1.600	9,5	CH-S22/50A/690V	002645119	aR	10	45
22x58	63	CH22UQ/63A/690V	002645021	3.080	11	CH-S22/63A/690V	002645121	aR	10	45
	80	CH22UQ/80A/690V	002645023	6.600	13,5	CH-S22/80A/690V	002645123	aR	10	45
	100	CH22UQ/100A/500V	002645025	12.500	16	CH-S22/100A/500V	002645125	aR	10	45

CH10
6-25A (700V DC/breaking capacity ~ 50kA)
32A (400V DC/breaking capacity ~ 50kA)

CH14, CH-S 14
700V DC/breaking capacity ~ 50kA

CH22, CH-S 22
500V DC/breaking capacity ~ 50kA

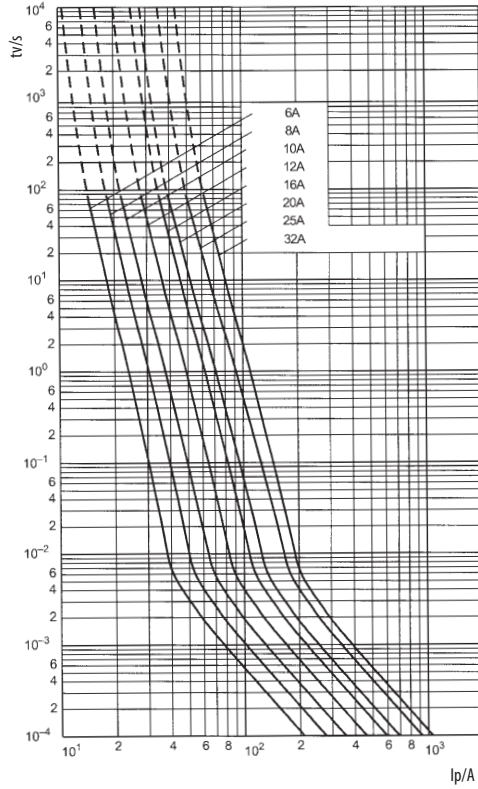
Dimensions: CH and CH-S



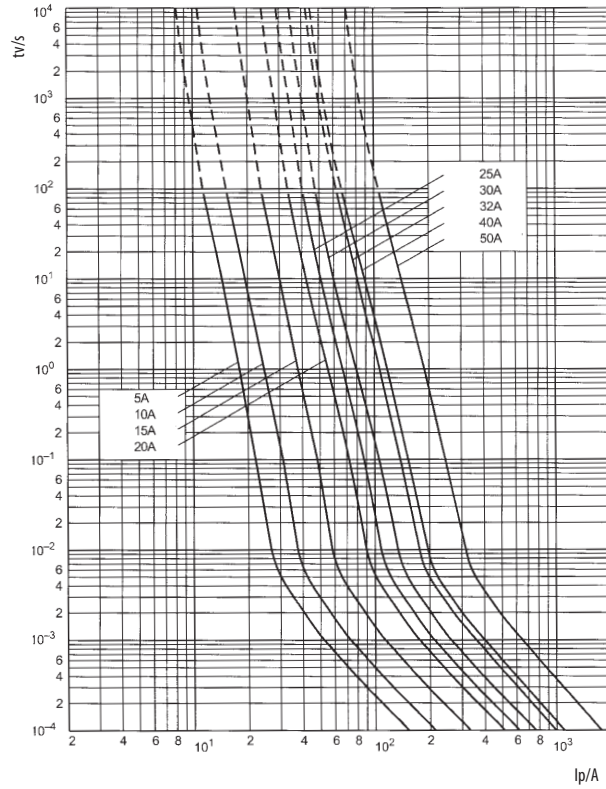
Size	a	b	c	d
10x38	38	10,5	10,3	6
14x51	51	13,8	14,3	7,5
22x58	58	16,2	22,3	11

RATED VOLTAGE
~600/690V

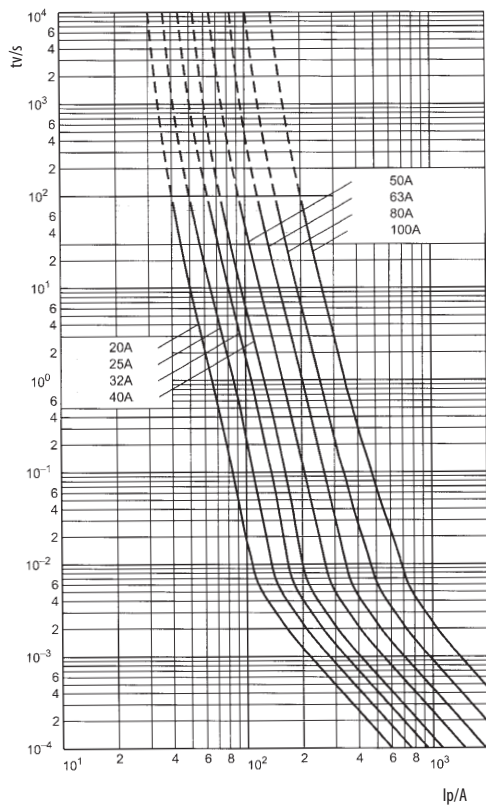
Time/current characteristics of fuse links Ultra quick CH-size 10 x 38



Time/current characteristics of fuse links Ultra quick CH, CH-S-size 14 x 51



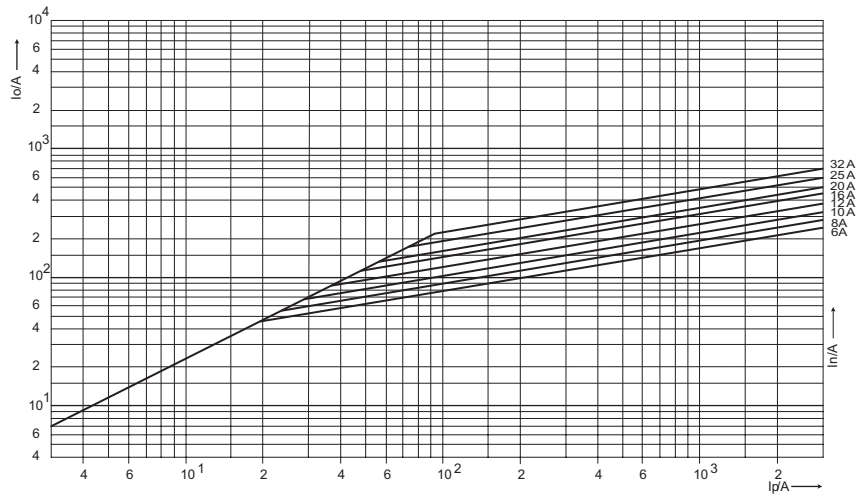
Time/current characteristics of fuse links Ultra quick CH, CH-S-size 22 x 58



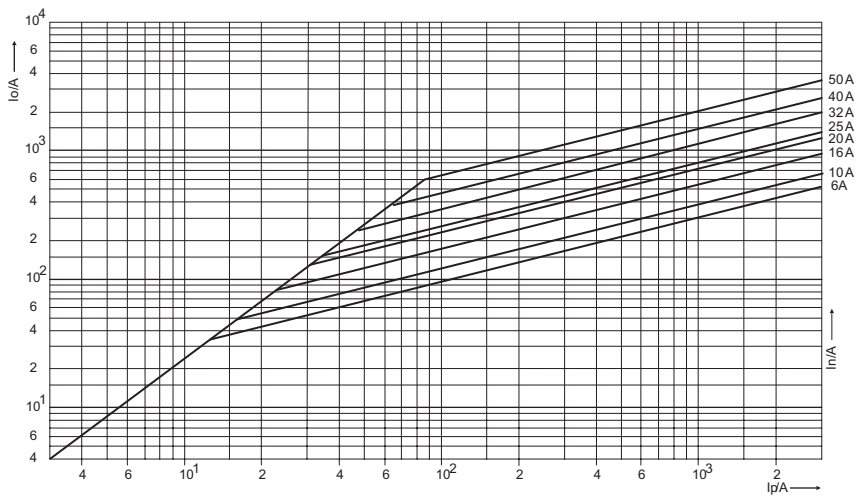
ULTRA QUICK

RATED VOLTAGE
~600/690V

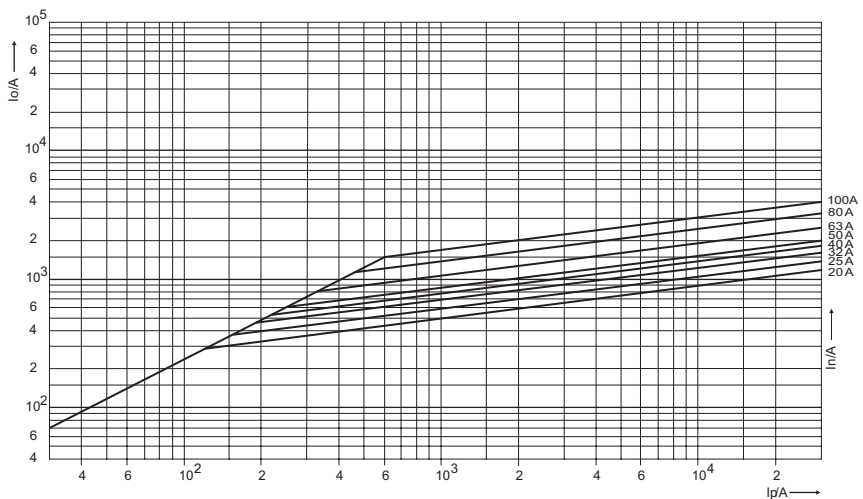
Cut-off characteristics of fuse-links Ultra Quick CH – size 10 x 38



Cut-off characteristics of fuse-links Ultra Quick CH, CH-S – size 14 x 51

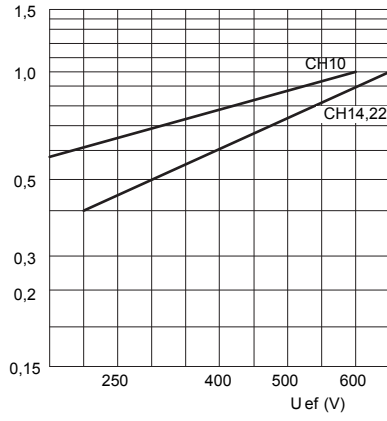


Cut-off characteristics of fuse-links Ultra Quick CH, CH-S – size 22 x 58

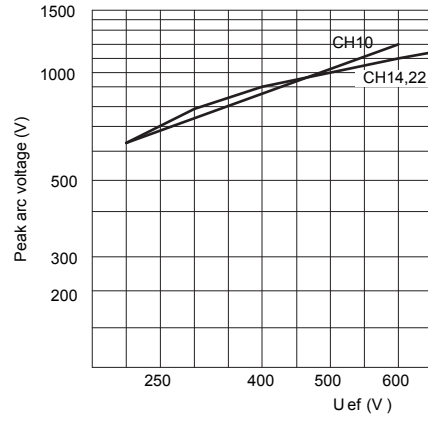


RATED VOLTAGE
~600/690V

Conversion factor for total Joule integral



Maximum arc voltage occurring



Correction factor for converting the power dissipation for percentage load

Load(%)	Correction factor
10	0,005
20	0,025
30	0,063
40	0,122
50	0,204
60	0,31
70	0,442
80	0,6
90	0,785
100	1

RATED VOLTAGE
~600/690V

Power dissipation, pre-arcing Joule integral and Operating Joule integral for Ultra Quick

Size	In	Power dissipation	Pre-arcing Joule integral I ² t (1ms)	Operating Joule Integral I ² t ~180V	Operating Joule Integral I ² t ~330V	Operating Joule Integral I ² t ~600/690V
	A	W	A ² s	A ² s	A ² s	A ² s
CH10	6	1,5	4	17	21	30
	8	2	6	29	35	50
	10	2,5	9	40	48	70
	12	3	15	68	83	120
	16	3,5	25	86	104	150
	20	4,8	34	148	179	260
	25	6	60	165	200	290
	32	7,5	95	342	414	600
CH-S 14 CH14	10	4	4	9	10	22
	12	5	6	20	24	50
	16	5,5	10	30	35	75
	20	6	26	72	85	180
	25	7	44	128	150	320
	32	7,6	68	240	282	600
	40	8	84	300	353	750
	50	9	200	720	846	1.800
CH-S 22 CH22	20	5,6	23	104	122	260
	25	5,6	37	164	193	410
	32	7	55	242	284	605
	40	8,5	68	300	353	750
	50	9,5	155	640	752	1.600
	63	11	280	1.232	1.448	3.080
	80	13,5	600	2.640	3.102	6.600
	100	16	1.100	5.000	5.875	12.500