

Trent

C

Technical data on page 62

gR

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 EFD, EFH and PCF.

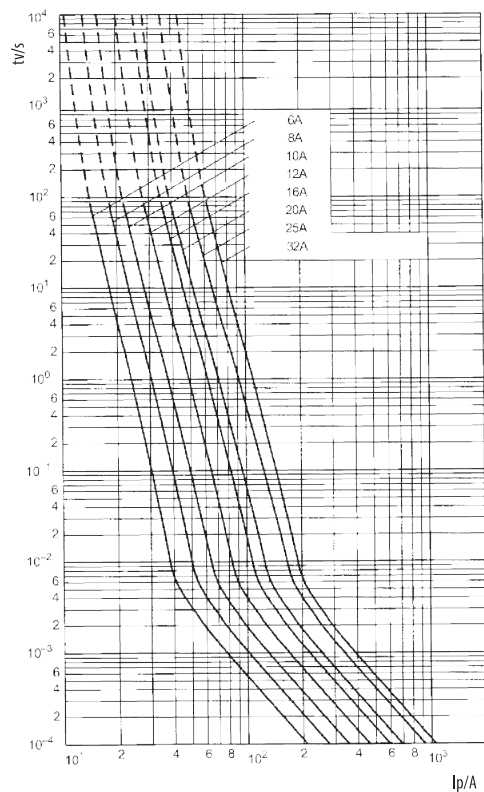


Part Number	Nominal Current (A)	Voltage(AC)	I ² t(A ² Sec)	Dissipation(W)	Fuse Size
NBR-CH14/UQ/10A/690V	10	690V	22	4	14x51mm
NBR-CH14/UQ/12A/690V	12	690V	50	5	14x51mm
NBR-CH14/UQ/16A/690V	16	690V	75	5.5	14x51mm
NBR-CH14/UQ/20A/690V	20	690V	180	6	14x51mm
NBR-CH14/UQ/25A/690V	25	690V	320	7	14x51mm
NBR-CH14/UQ/32A/690V	32	690V	600	7.6	14x51mm
NBR-CH14/UQ/40A/690V	40	690V	750	8	14x51mm
NBR-CH14/UQ/50A/690V	50	690V	1800	9	14x51mm
NBR-CH14/UQ/63A/690V	63	690V	2800	12	14x51mm
NBR-FR22GR69V20T	20	690V	260	5.6	22x58mm
NBR-FR22GR69V25T	25	690V	410	5.6	22x58mm
NBR-FR22GR69V32T	32	690V	605	7	22x58mm
NBR-FR22GR69V40T	40	690V	750	8.5	22x58mm
NBR-FR22GR69V50T	50	690V	1600	9.5	22x58mm
NBR-FR22GR69V63T	63	690V	3080	11	22x58mm
NBR-FR22GR69V80T	80	690V	6600	13.5	22x58mm
NBR-FR22GR69V125T	125	690V	8100	15.4	22x58mm

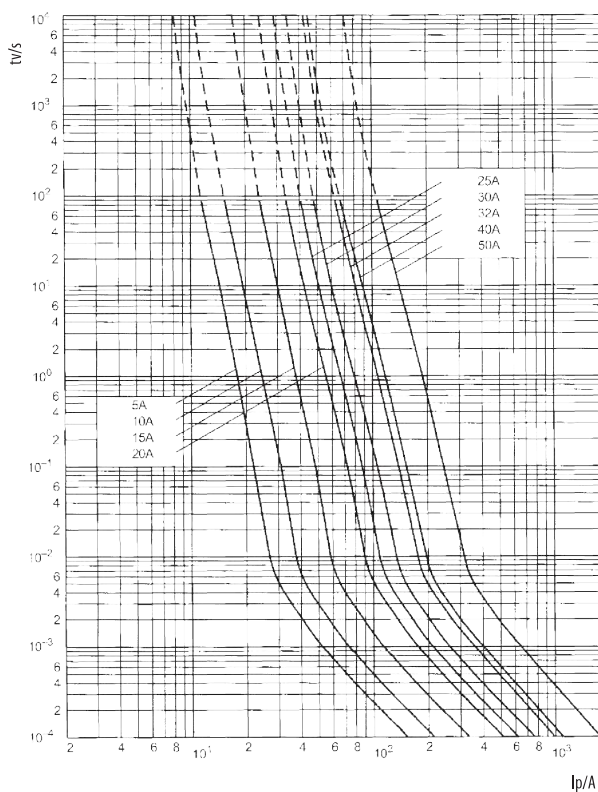
Din Rail Mount Fuseholders available

RATED VOLTAGE
~600/690V

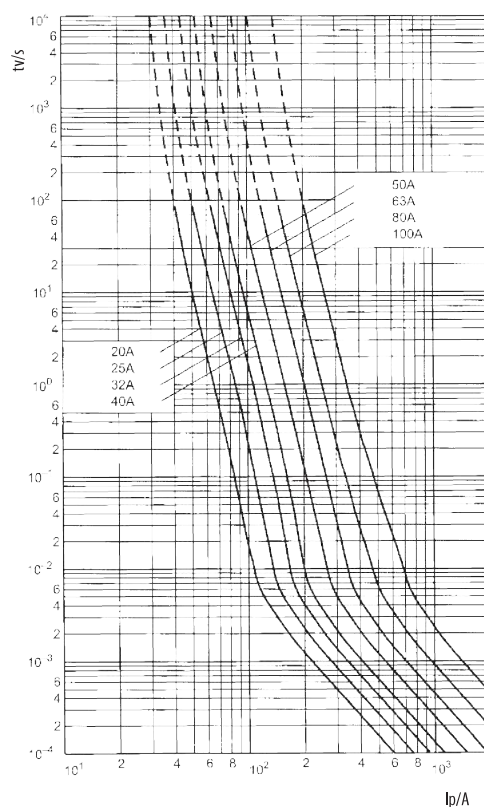
Time/current characteristics of fuse links Ultra quick CH-size 10 x 38



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

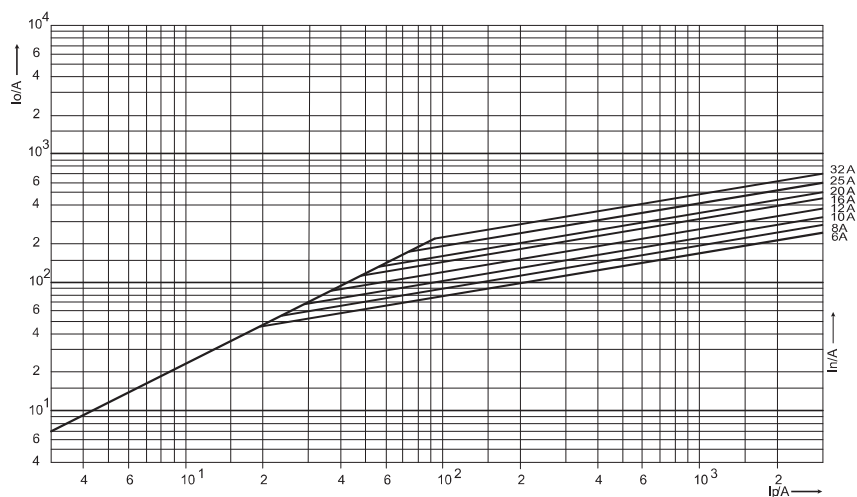


CHARACTERISTICS

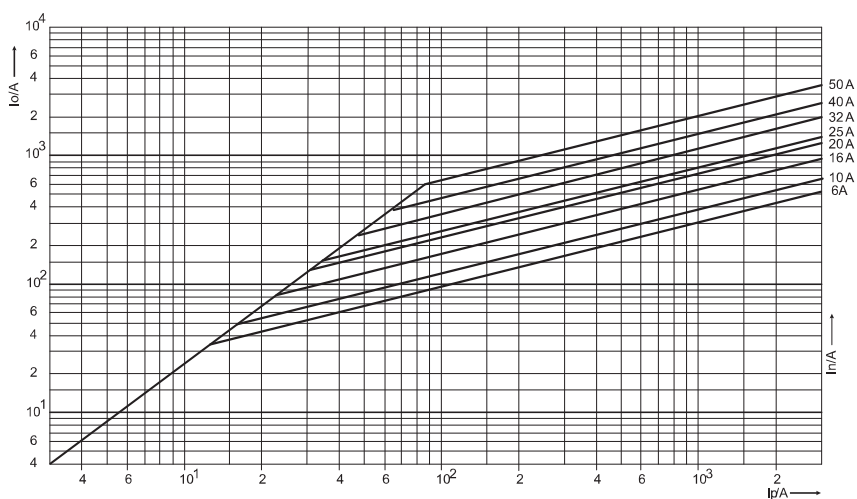
C

RATED VOLTAGE
~600/690V

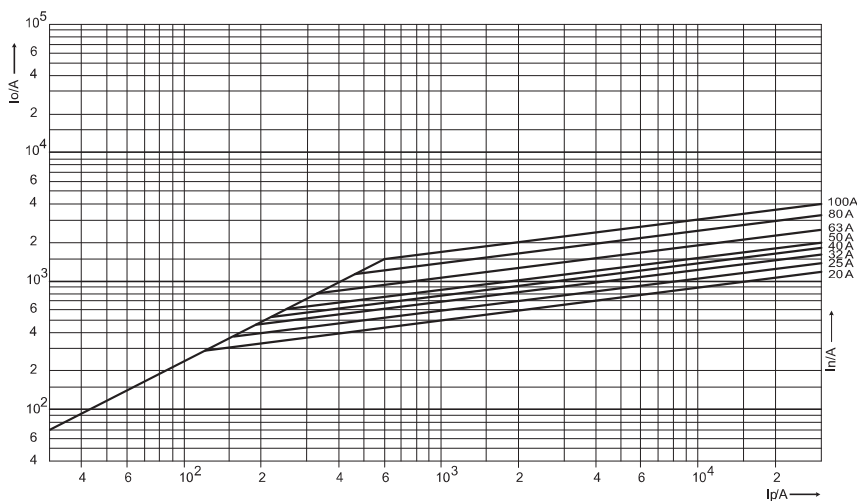
Cut-off characteristics of fuse-links Ultra Quick CH – size 10 x 38



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



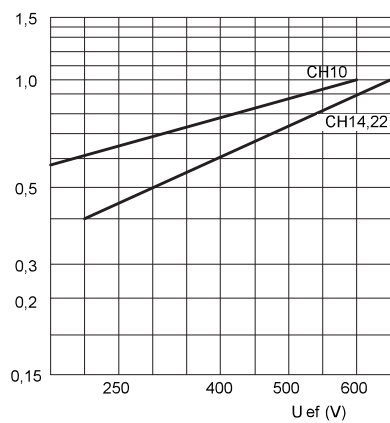
Cut-off characteristics of fuse-links Ultra Quick CH, CH-S – size 22 x 58



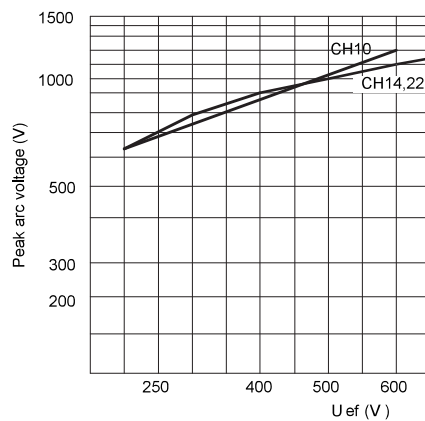
ULTRA QUICK

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

CHARACTERISTICS

C

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

ULTRA QUICK

