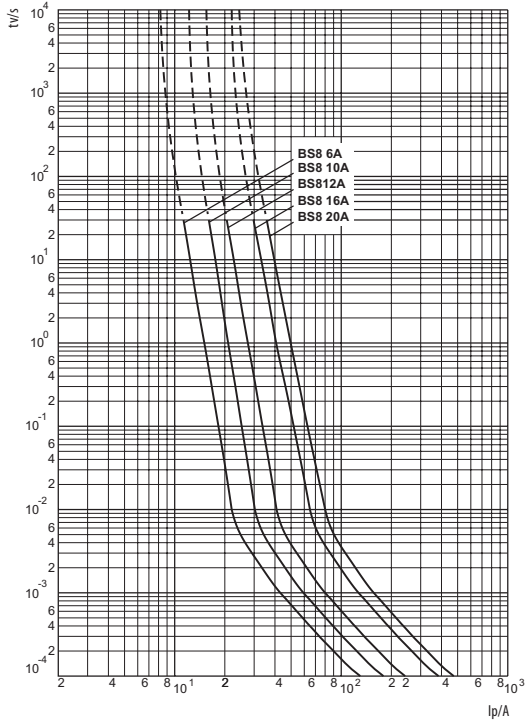
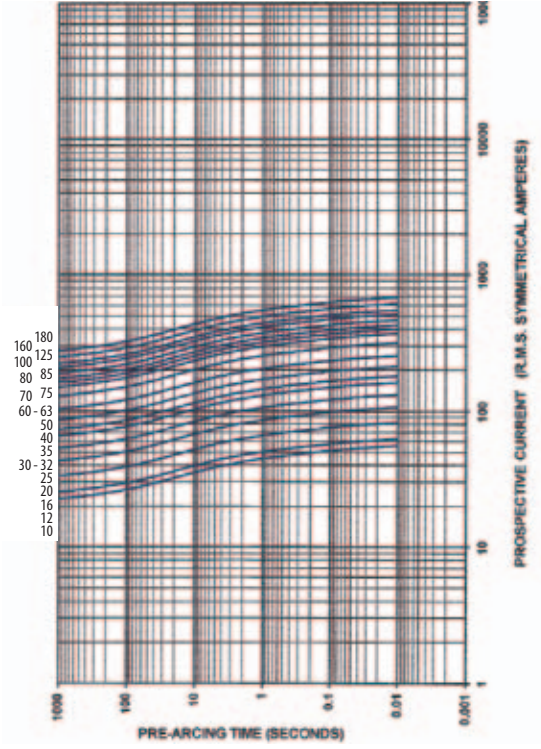


RATED VOLTAGE
~240V

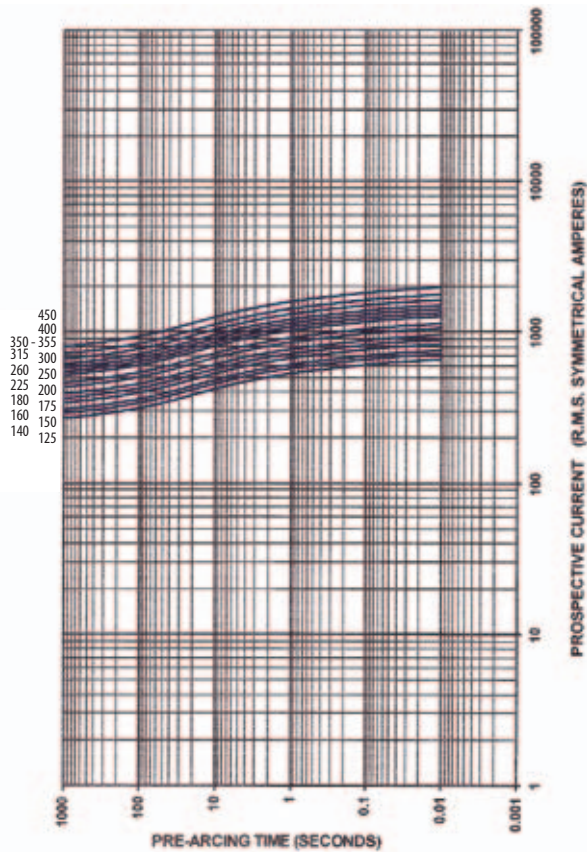
Time/current characteristics of fuse-links Ultra Quick BS8



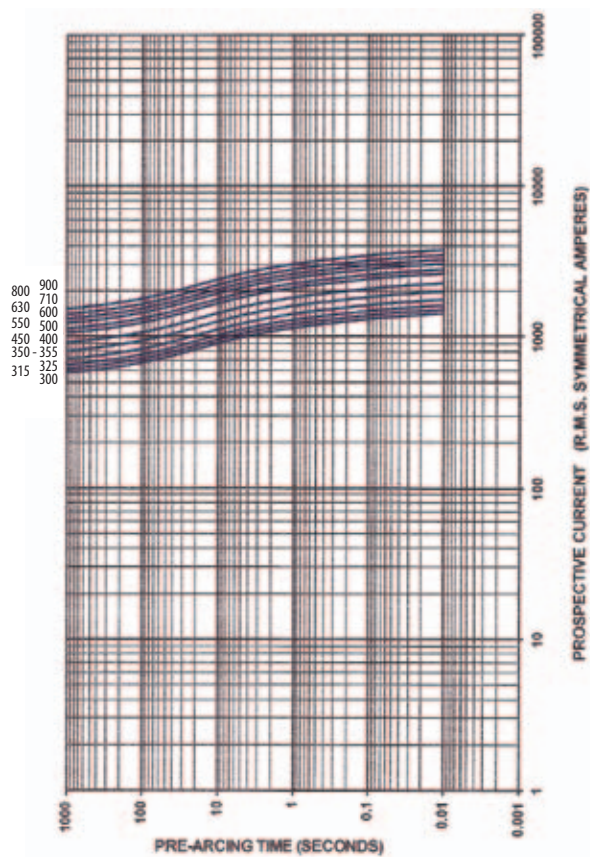
Time/current characteristics of fuse-links Ultra Quick BS17



Time/current characteristics of fuse-links Ultra Quick BS38

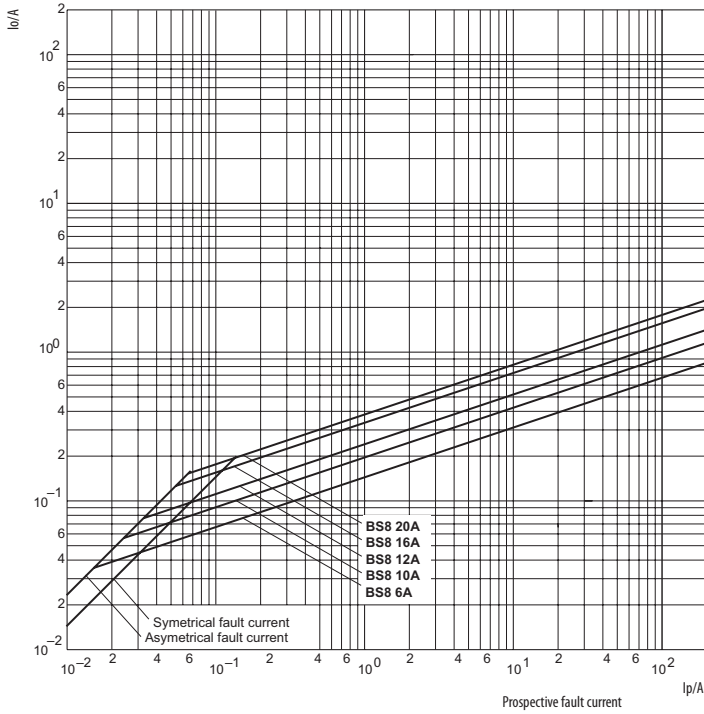


Time/current characteristics of fuse-links Ultra Quick BS38T

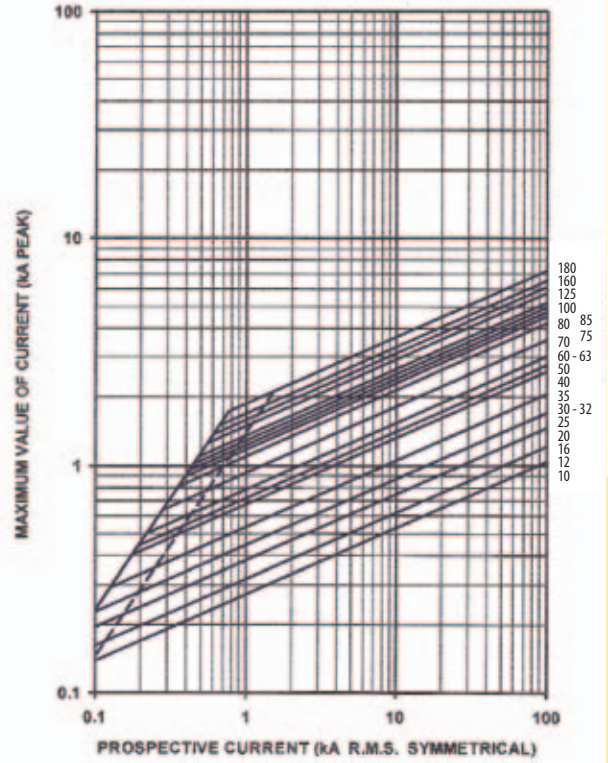


RATED VOLTAGE
~240V

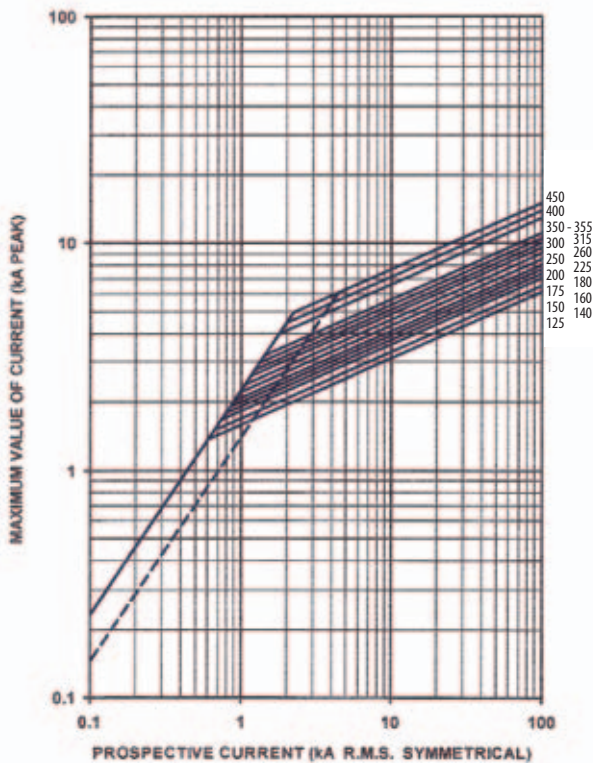
Cut-off characteristics of fuse-link Ultra Quick BS8



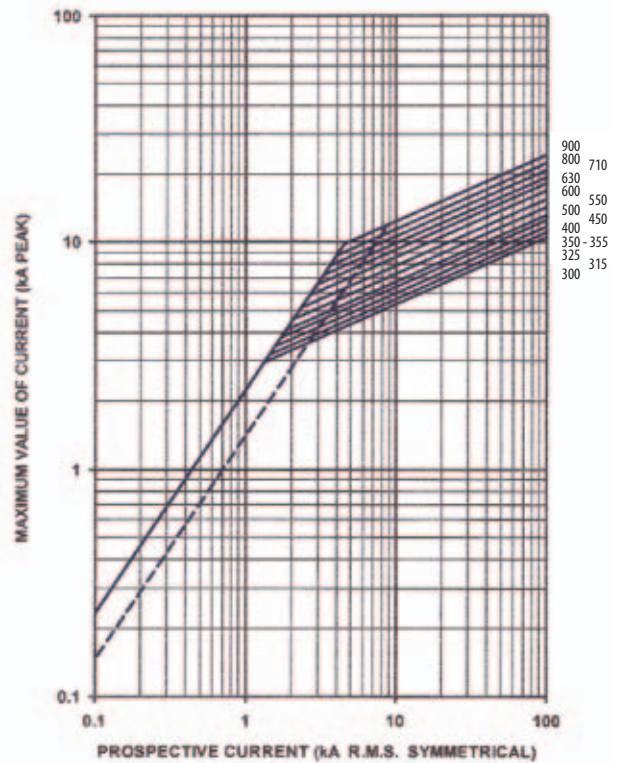
Cut-off characteristics of fuse-link Ultra Quick BS17



Cut-off characteristics of fuse-link Ultra Quick BS38

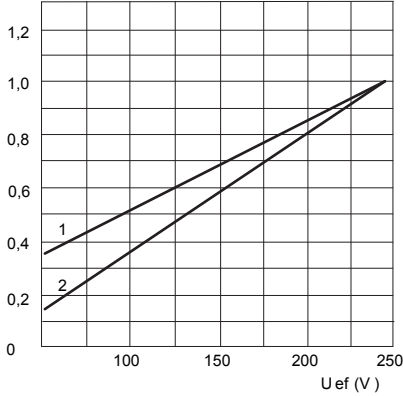


Cut-off characteristics of fuse-link Ultra Quick BS38T



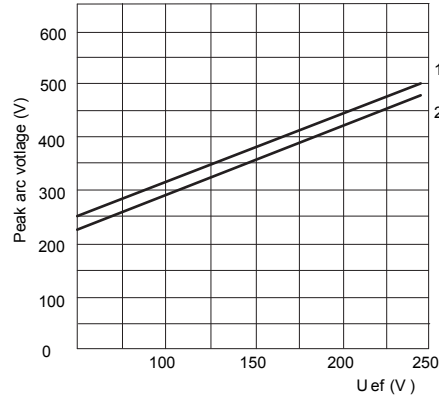
RATED VOLTAGE
~240V

Conversion factor for total Joule integral



- 1) BS8
- 2) BS17, 38, 38T

Maximum arc voltage occurring



- 1) BS8
- 2) BS17, 38, 38T

Power dissipation, pre-arcing Joule Integral and Operating Joule Integral for Ultra Quick BS8, BS17, BS38, BS38T

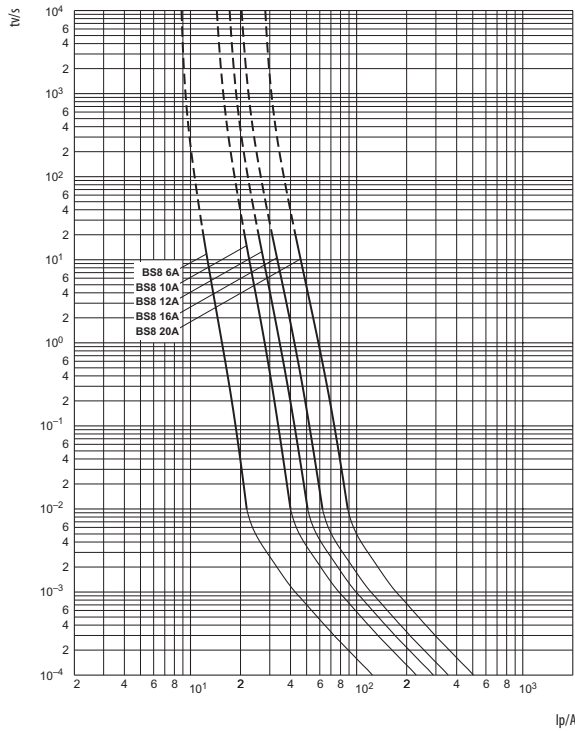
Size	I _n	Power dissipation	Pre-arcing Joule integral I _t (1ms)	Operating Joule Integral I _t ~120V	Operating Joule Integral I _t ~240V
	A	W	A ² s	A ² s	A ² s
BS8	6	1	2	6	9
	10	2,5	3,8	12	22
	12	2,5	7	22	32
	16	2,5	20	50	100
	20	4	25	80	160
BS17	25	1,7	18	120	240
	32	2,2	32	210	420
	35	2,3	50	250	500
	50	3,3	100	600	1.200
	63	4,3	180	1.000	1.900
	80	6	300	1.500	3.100
	100	7,5	600	2.500	5.000
	125	12	600	2.700	5.500
	160	19,5	1.100	3.200	6.500
180	24	1.600	4.300	8.700	
BS38	160	12	1.100	6.200	12.500
	200	16,5	1.500	9.000	18.500
	250	20	3.200	13.000	27.500
	315	28,4	6.000	21.000	42.500
	355	30	8.000	33.000	67.000
	400	38	14.000	35.000	78.000
	450	44,5	18.000	45.000	96.000
BS38T	400	30	6.000	44.000	88.000
	500	38	14.000	70.000	145.000
	630	50	24.000	110.000	214.000
	710	62	32.000	140.000	290.000
	800	78	52.000	160.000	335.000

Correction factor for converting the power dissipation for percentage load

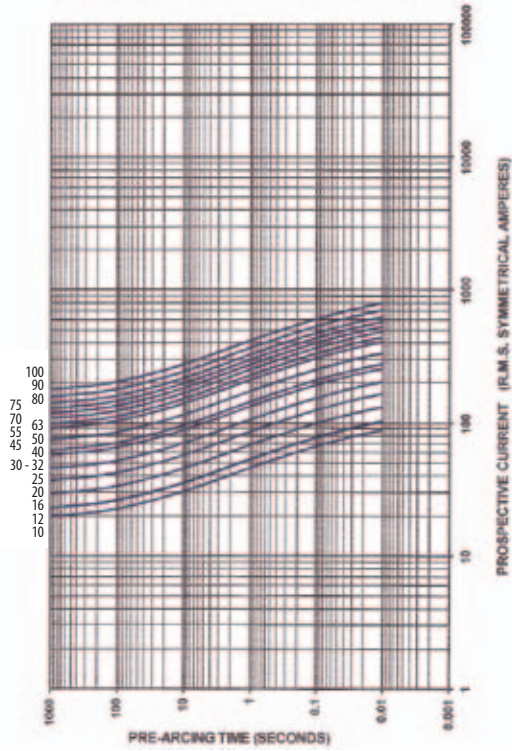
Load(%)	Correction factor
10	0,005
20	0,025
30	0,063
40	0,122
50	0,204
60	0,31
70	0,442
80	0,6
90	0,785
100	1

RATED VOLTAGE
~690V

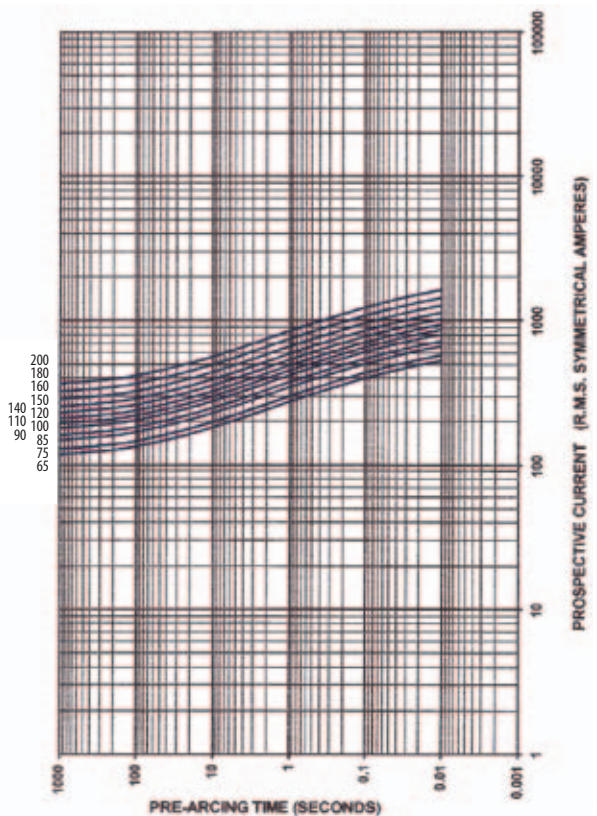
Time/current characteristics of fuse-links Ultra Quick BS8



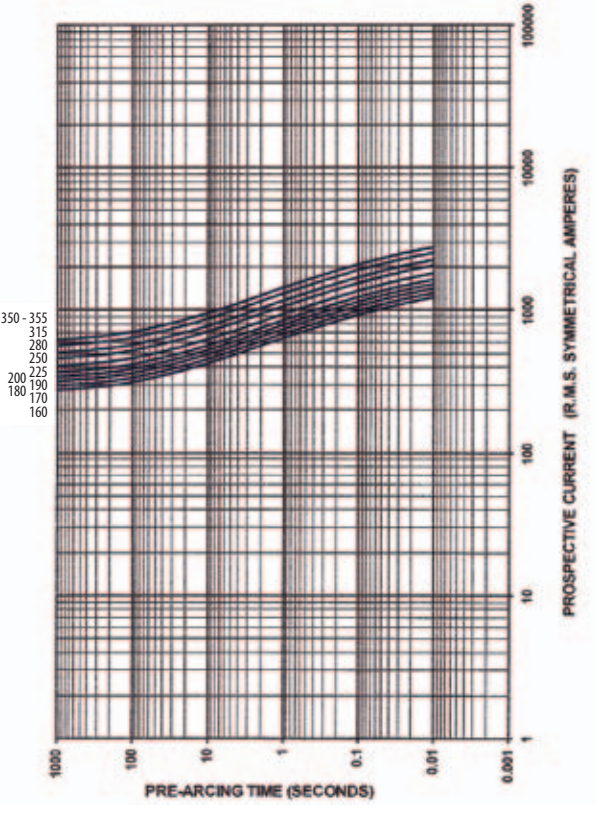
Time/current characteristics of fuse-links Ultra Quick BS17



Time/current characteristics of fuse-links Ultra Quick BS17D



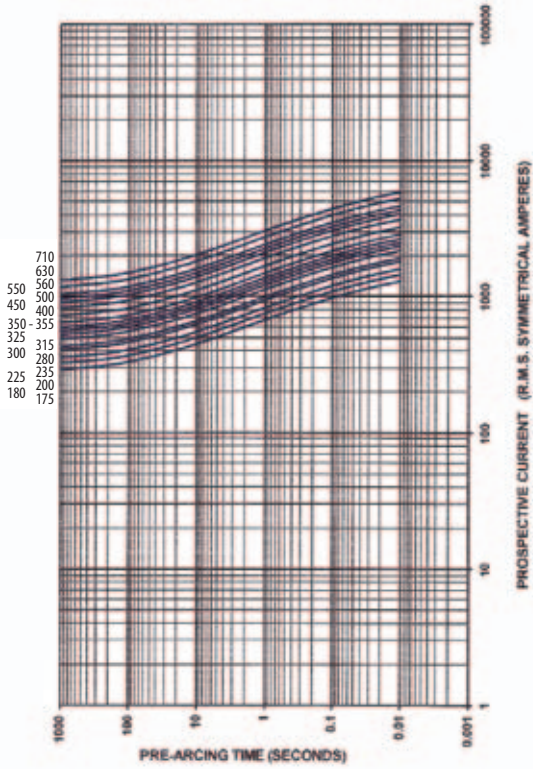
Time/current characteristics of fuse-links Ultra Quick BS38



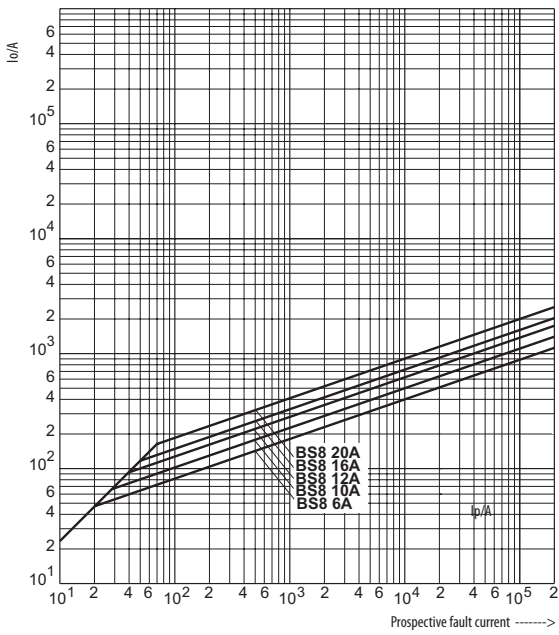
ULTRA QUICK

RATED VOLTAGE
~690V

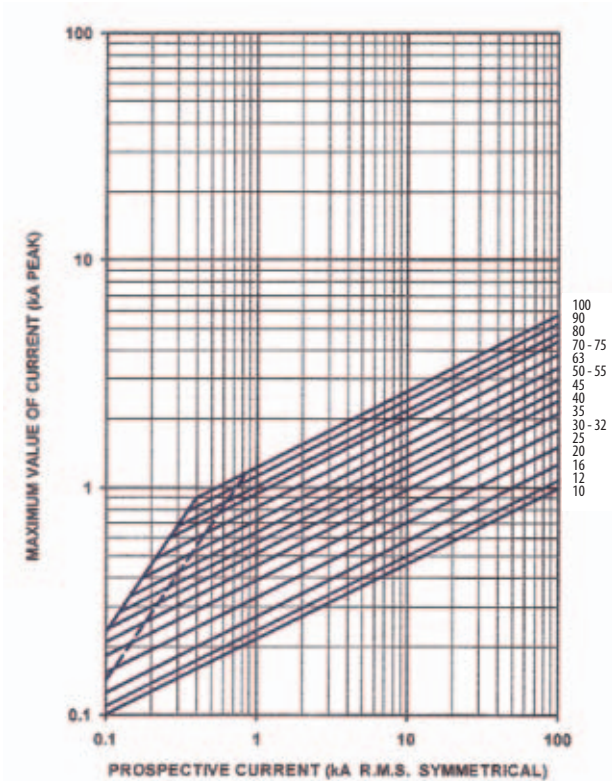
Time/current characteristics of fuse-links Ultra Quick BS38T



Cut-off characteristics of fuse-links Ultra Quick BS8

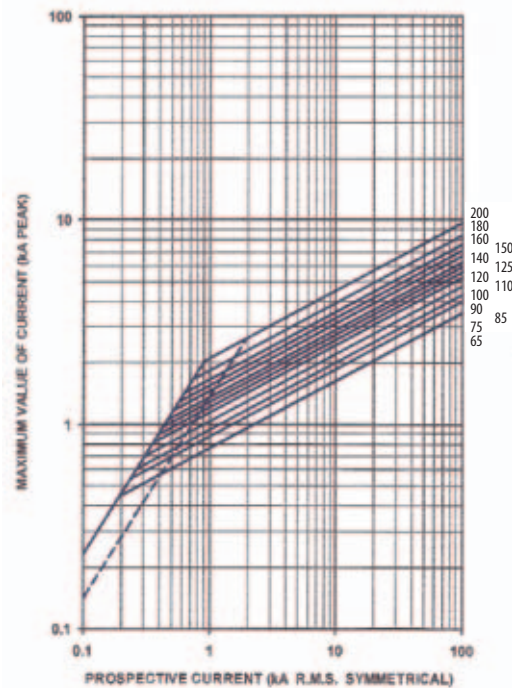


Cut-off characteristics of fuse-links Ultra Quick BS17

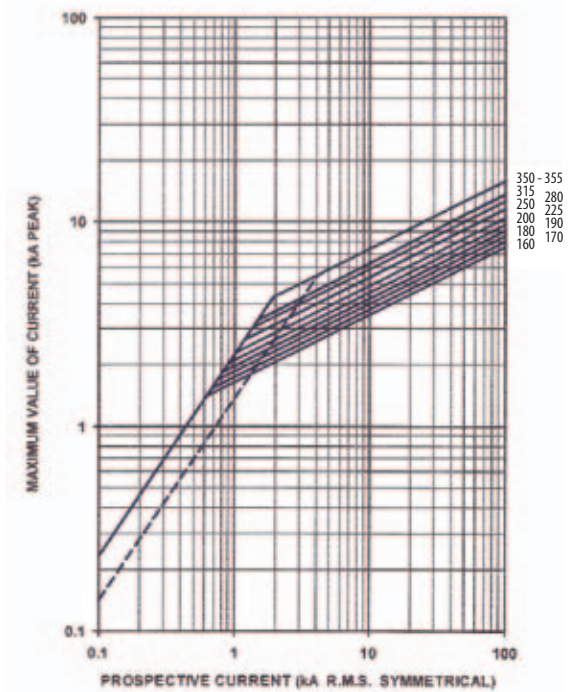


RATED VOLTAGE
~690V

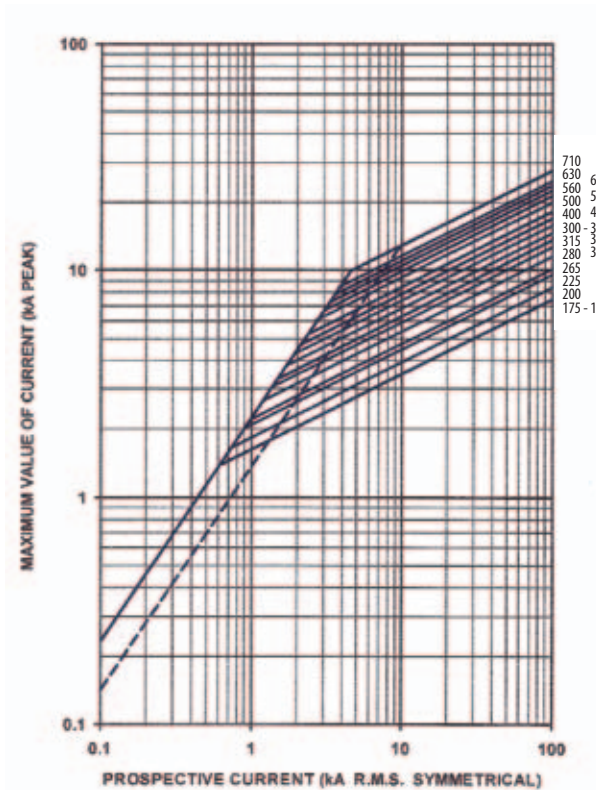
Cut-off characteristics of fuse-links Ultra Quick BS17D



Cut-off characteristics of fuse-links Ultra Quick BS38

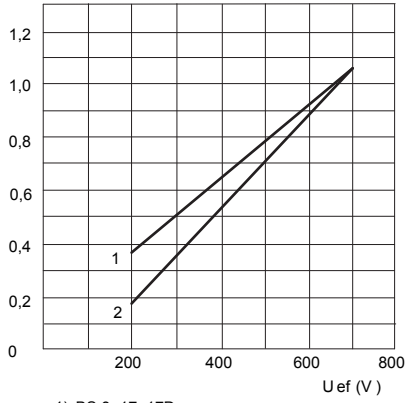


Cut-off characteristics of fuse-links Ultra Quick BS38T



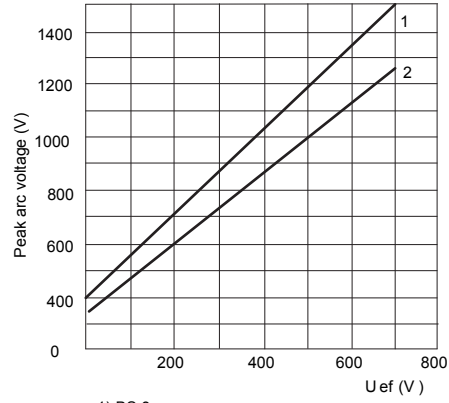
RATED VOLTAGE
~690V

Conversion factor for total Joule integral



- 1) BS 8, 17, 17D
- 2) BS 38, 38T

Maximum arc voltage occurring



- 1) BS 8
- 2) BS 17, 17D, 38, 38T

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
~690V

Power dissipation, pre-arcing Joule Integral and Operating Joule Integral for Ultra Quick BS8, BS17, BS17D, BS38, BS38T

Size	I _n	Power dissipation	Pre-arcing Joule integral I ² t (1ms)	Operating Joule Integral I ² t ~415V	Operating Joule Integral I ² t ~690V
	A	W	A ² s	A ² s	A ² s
BS8	6	2	1,8	8,5	12
	10	3	7	30	48
	12	3	10	40	65
	16	7	16	66	110
	20	7	32	150	220
BS17	25	5,8	25	150	250
	32	6,8	32	190	350
	35	7,2	33	130	200
	40	8	52	350	700
	45	8,5	76	450	900
	50	9,5	103	600	1.300
	56	10,4	135	700	1.450
	63	11,5	135	1.000	2.100
	71	13	210	1.400	2.800
	80	14,5	250	1.700	3.500
90	15,5	360	2.500	5.200	
100	16	470	3.200	6.800	
BS17D	90	16,6	490	1.800	3.600
	110	21	600	3.000	5.900
	120	22	540	3.700	7.400
	140	24,5	850	5.000	11.000
	160	28	1.000	7.000	14.500
BS38	160	27,7	2.400	7.000	14.500
	180	29	1.400	12.000	23.500
	200	31	2.600	15.000	30.000
	250	37	5.200	25.000	53.000
	315	47	10.000	50.000	97.000
	350	57	15.000	70.000	140.000
BS38T	200	32	2.200	10.000	21.000
	225	39	3.700	15.000	30.000
	315	48	8.600	35.000	75.000
	355	56	13.500	55.000	110.000
	400	60	10.000	70.000	147.000
	450	65	15.000	105.000	210.000
	500	68	20.000	130.000	277.000
	630	83	45.000	260.000	520.000
700	94	60.000	300.000	600.000	