

Metrel fuse tables guide

Version 1.11.1
Code no. 20 752 455

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1. All countries except UK, Australia, New Zealand, Hungary, Finland

Fuse type NV

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short- circuit current (A)							
2	32.5	31.8	27.1	22.3	18.7	15.9	13	9.1
4	65.6	64.2	55.3	46.4	38.8	31.9	26	18.7
6	102.8	100.3	85.2	70	56.5	46.4	38	26.7
8	140	136.4	114.2	92	73	60	47	33
10	165.8	162	138.7	115.3	96.5	80.7	70	46.4
12	190	186	161.5	137	114	88	80	50
16	206.9	202.6	176.7	150.8	126.1	107.4	90	66.3
20	276.8	271.3	237.8	204.2	170.8	145.5	120	86.7
25	361.3	353.4	305.5	257.5	215.4	180.2	148	109.3
35	618.1	605.5	529.4	453.2	374	308.7	240	169.5
50	919.2	897.8	768.9	640	545	464.2	380	266.9
63	1217.2	1186.8	1004.3	821.7	663.3	545	440	319.1
80	1567.2	1533.9	1333.5	1133.1	964.9	836.5	670	447.9
100	2075.3	2025.6	1727.3	1429	1195.4	1018	830	585.4
125	2826.3	2763.2	2384.6	2006	1708.3	1454.8	1180	765.1
160	3538.2	3457.2	2971.2	2485.1	2042.1	1678.1	1380	947.9
200	4555.5	4473.5	3981	3488.5	2970.8	2529.9	2050	1354.5
224	5500	5384.7	4692.4	4000	3300	2700	2150	1500
250	6032.4	5906.8	5153.2	4399.6	3615.3	2918.2	2300	1590.6
315	7766.8	7636.1	6851.4	6066.6	4985.1	4096.4	3300	2272.9
400	10577.7	10374	9151.6	7929.1	6632.9	5450.5	4300	2766.1
500	13619	13412.5	12173	10933.5	8825.4	7515.7	5750	3952.7
630	19619.3	19190	16613.7	14037.4	11534.9	9310.9	7400	4985.1
710	19712.3	19562.7	18664.8	17766.9	14341.3	11996.9	8760	6423.2
800	25260.3	24860.3	22460.1	20059.8	16192.1	13545.1	10800	7252.1
1000	34402.1	33567.8	28561.7	23555.5	19356.3	16192.1	13000	9146.2
1250	45555.1	44831.9	40492.3	36152.6	29182.1	24411.6	19500	13070.1

Fuse type gG

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short- circuit current (A)							
2	32.5	31.8	27.1	22.3	18.7	15.9	13	9.1
4	65.6	64.2	55.3	46.4	38.8	31.9	26	18.7
6	102.8	100.3	85.2	70	56.5	46.4	38	26.7
8	140	136.4	114.2	92	73	60	47	33
10	165.8	162	138.7	115.3	96.5	80.7	70	46.4
12	190	186	161.5	137	114	88	80	50
13	193.1	189.4	167.1	144.8	117.9	100	83	56.2
16	206.9	202.6	176.7	150.8	126.1	107.4	90	66.3
20	276.8	271.3	237.8	204.2	170.8	145.5	120	86.7
25	361.3	353.4	305.5	257.5	215.4	180.2	148	109.3
32	539.1	525.5	443.5	361.5	307.9	271.7	220	159.1
35	618.1	605.5	529.4	453.2	374	308.7	240	169.5
40	694.2	676.6	570.4	464.2	381.4	319.1	258	190.1
50	919.2	897.8	768.9	640	545	464.2	380	266.9
63	1217.2	1186.8	1004.3	821.7	663.3	545	440	319.1
80	1567.2	1533.9	1333.5	1133.1	964.9	836.5	670	447.9
100	2075.3	2025.6	1727.3	1429	1195.4	1018	830	585.4
125	2826.3	2763.2	2384.6	2006	1708.3	1454.8	1180	765.1
160	3538.2	3457.2	2971.2	2485.1	2042.1	1678.1	1380	947.9
200	4555.5	4473.5	3981	3488.5	2970.8	2529.9	2050	1354.5
224	5500	5384.7	4692.4	4000	3300	2700	2150	1500
250	6032.4	5906.8	5153.2	4399.6	3615.3	2918.2	2300	1590.6
315	7766.8	7636.1	6851.4	6066.6	4985.1	4096.4	3300	2272.9
400	10577.7	10374	9151.6	7929.1	6632.9	5450.5	4300	2766.1
500	13619	13412.5	12173	10933.5	8825.4	7515.7	5750	3952.7
630	19619.3	19190	16613.7	14037.4	11534.9	9310.9	7400	4985.1
710	19712.3	19562.7	18664.8	17766.9	14341.3	11996.9	8760	6423.2
800	25260.3	24860.3	22460.1	20059.8	16192.1	13545.1	10800	7252.1
1000	34402.1	33567.8	28561.7	23555.5	19356.3	16192.1	13000	9146.2
1250	45555.1	44831.9	40492.3	36152.6	29182.1	24411.6	19500	13070.1

Fuse type B

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short- circuit current (A)							
1.6	8	8	8	8	8	8	8	8
2	10	10	10	10	10	10	10	10
4	20	20	20	20	20	20	20	20
6	30	30	30	30	30	30	30	30
8	40	40	40	40	40	40	40	40
10	50	50	50	50	50	50	50	50
13	65	65	65	65	65	65	65	65
15	75	75	75	75	75	75	75	75
16	80	80	80	80	80	80	80	80
20	100	100	100	100	100	100	100	100
25	125	125	125	125	125	125	125	125
32	160	160	160	160	160	160	160	160
40	200	200	200	200	200	200	200	200
50	250	250	250	250	250	250	250	250
63	315	315	315	315	315	315	315	315
80	400	400	400	400	400	400	400	400
100	500	500	500	500	500	500	500	500
125	625	625	625	625	625	625	625	625

Fuse type C

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short- circuit current (A)							
0.5	5	5	5	5	5	5	5	2.7
1	10	10	10	10	10	10	10	5.4
1.6	16	16	16	16	16	16	16	8.6
2	20	20	20	20	20	20	20	10.8
4	40	40	40	40	40	40	40	21.6
6	60	60	60	60	60	60	60	32.4
8	80	80	80	80	80	80	80	43.2
10	100	100	100	100	100	100	100	54
13	130	130	130	130	130	130	130	70.2
15	150	150	150	150	150	150	150	83
16	160	160	160	160	160	160	160	86.4
20	200	200	200	200	200	200	200	108
25	250	250	250	250	250	250	250	135
32	320	320	320	320	320	320	320	172.8
40	400	400	400	400	400	400	400	216
50	500	500	500	500	500	500	500	270
63	630	630	630	630	630	630	630	340.2
80	800	800	800	800	800	800	800	432
100	1000	1000	1000	1000	1000	1000	1000	540
125	1250	1250	1250	1250	1250	1250	1250	675

Fuse type D

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short- circuit current (A)							
0.5	10	10	10	10	10	10	6.5	2.7
1	20	20	20	20	20	20	13	5.4
1.6	32	32	32	32	32	32	20.8	8.6
2	40	40	40	40	40	40	26	10.8
4	80	80	80	80	80	80	52	21.6
6	120	120	120	120	120	120	78	32.4
8	160	160	160	160	160	160	104	43.2
10	200	200	200	200	200	200	130	54
13	260	260	260	260	260	260	169	70.2
15	300	300	300	300	300	300	195	81
16	320	320	320	320	320	320	208	86.4
20	400	400	400	400	400	400	260	108
25	500	500	500	500	500	500	325	135
32	640	640	640	640	640	640	416	172.8
40	800	800	800	800	800	800	520	216
50	1000	1000	1000	1000	1000	1000	650	270
63	1260	1260	1260	1260	1260	1260	819	340.2
80	1600	1600	1600	1600	1600	1600	1040	432
100	2000	2000	2000	2000	2000	2000	1300	540
125	2500	2500	2500	2500	2500	2500	1625	675

Fuse type K

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short- circuit current (A)							
0.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7
1	15	15	15	15	15	15	15	14
1.6	24	24	24	24	24	24	24	22.4
2	30	30	30	30	30	30	30	28
4	60	60	60	60	60	60	60	56
6	90	90	90	90	90	90	90	84
10	150	150	150	150	150	150	150	140
13	195	195	195	195	195	195	195	182
15	225	225	225	225	225	225	225	210
16	240	240	240	240	240	240	240	224
20	300	300	300	300	300	300	300	280
25	375	375	375	375	375	375	375	350
32	480	480	480	480	480	480	480	448
40	600	600	600	600	600	600	600	560
50	750	750	750	750	750	750	750	700
63	945	945	945	945	945	945	945	882
80	1200	1200	1200	1200	1200	1200	1200	1120
100	1500	1500	1500	1500	1500	1500	1500	1400
125	1875	1875	1875	1875	1875	1875	1875	1750

Fuse type L

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short- circuit current (A)							
1.6	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
2	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
4	21	21	21	21	21	21	21	21
6	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
10	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
12	63	63	63	63	63	63	63	63
13	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
15	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
16	84	84	84	84	84	84	84	84
20	105	105	105	105	105	105	105	105
25	131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3
32	168	168	168	168	168	168	168	168
40	210	210	210	210	210	210	210	210
50	262.5	262.5	262.5	262.5	262.5	262.5	262.5	262.5
63	330.8	330.8	330.8	330.8	330.8	330.8	330.8	330.8

Fuse type U

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short- circuit current (A)							
1	12	12	12	12	12	12	12	9
1.6	19.2	19.2	19.2	19.2	19.2	19.2	19.2	14.4
2	24	24	24	24	24	24	24	18
4	48	48	48	48	48	48	48	36
6	72	72	72	72	72	72	72	54
10	120	120	120	120	120	120	120	90
12	144	144	144	144	144	144	144	108
13	156	156	156	156	156	156	156	117
15	180	180	180	180	180	180	180	135
16	192	192	192	192	192	192	192	144
20	240	240	240	240	240	240	240	180
25	300	300	300	300	300	300	300	225
32	384	384	384	384	384	384	384	288
40	480	480	480	480	480	480	480	360
50	600	600	600	600	600	600	600	450
63	756	756	756	756	756	756	756	567

Fuse type Z

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short- circuit current (A)							
3	9	9	9	9	9	9	9	9
4	12	12	12	12	12	12	12	12
6	18	18	18	18	18	18	18	18
8	24	24	24	24	24	24	24	24
10	30	30	30	30	30	30	30	30
13	39	39	39	39	39	39	39	39
15	45	45	45	45	45	45	45	45
16	48	48	48	48	48	48	48	48
20	60	60	60	60	60	60	60	60
25	75	75	75	75	75	75	75	75
32	96	96	96	96	96	96	96	96
40	120	120	120	120	120	120	120	120
50	150	150	150	150	150	150	150	150
63	189	189	189	189	189	189	189	189
80	240	240	240	240	240	240	240	240
100	300	300	300	300	300	300	300	300
125	375	375	375	375	375	375	375	375

2. UK Impedance tables

The maximum loop impedances in the following tables are used for the pass/fail limits for the measurement of loop impedance. The 1.0 Z factor setting maximum loop impedances are in accordance with BS 7671 Amendment No. 3: 2015.

Fuses to BS 88-2 – fuse systems E & G

Rated current (A)	Z factor setting			
	1.0		0.8	
	Disconnection time (s)			
	0.4	5	0.4	5
	Max. loop impedance (Ω)			
2	33.10	44.00	26.48	35.20
4	15.60	21.00	12.48	16.80
6	7.80	12.00	6.24	9.60
10	4.65	6.80	3.72	5.44
16	2.43	4.00	1.94	3.20
20	1.68	2.80	1.34	2.24
25	1.29	2.20	1.03	1.76
32	0.99	1.70	0.79	1.36
40		1.30		1.04
50		0.99		0.79
63		0.78		0.62
80		0.55		0.44
100		0.42		0.34
125		0.32		0.26
160		0.27		0.22
200		0.18		0.14

Fuses to BS 88-3 – fuse system C

Rated current (A)	Z factor setting			
	1.0		0.8	
	Disconnection time (s)			
	0.4	5	0.4	5
	Max. loop impedance (Ω)			
5	9.93	14.6	7.94	11.68
16	2.30	3.90	1.84	3.12
20	1.93	3.20	1.54	2.56
32	0.91	1.60	0.73	1.28
45		1.00		0.80
63		0.68		0.54
80		0.51		0.41
100		0.38		0.30

Fuses to BS 3036

Rated current (A)	Z factor setting			
	1.0		0.8	
	Disconnection time (s)			
	0.4	5	0.4	5
	Max. loop impedance (Ω)			
5	9.10	16.80	7.28	13.44
15	2.43	5.08	1.94	4.06
20	1.68	3.64	1.34	2.91
30	1.04	2.51	0.83	2.01
45		1.51		1.21
60		1.07		0.86
100		0.51		0.41

Fuses to BS 1362

Rated current (A)	Z factor setting			
	1.0		0.8	
	Disconnection time (s)			
	0.4	5	0.4	5
	Max. loop impedance (Ω)			
3	15.60	22.00	12.48	17.60
13	2.30	3.64	1.84	2.91

Type B circuit-breakers to BS EN 60898 and RCBO's to BS EN 61009-1

Disconnection times 0.4 & 5 s

Rated current (A)	Z factor setting	
	1.0	0.8
	Max. loop impedance (Ω)	
3	14.57	11.66
6	7.28	5.82
10	4.37	3.50
16	2.73	2.18
20	2.19	1.75
25	1.75	1.40
32	1.37	1.10
40	1.09	0.87
50	0.87	0.70
63	0.69	0.55
80	0.55	0.44
100	0.44	0.35
125	0.35	0.28

Type C circuit-breakers to BS EN 60898 and RCBO's to BS EN 61009-1

Disconnection times 0.4 & 5 s

Rated current (A)	Z factor setting	
	1.0	0.8
	Max. loop impedance (Ω)	
6	3.64	2.91
10	2.19	1.75
16	1.37	1.10
20	1.09	0.87
25	0.87	0.70
32	0.68	0.54
40	0.55	0.44
50	0.44	0.35
63	0.35	0.28
80	0.27	0.22
100	0.22	0.18
125	0.17	0.14

Type D circuit-breakers to BS EN 60898 and RCBO's to BS EN 61009-1

Rated current (A)	Z factor setting			
	1.0		0.8	
	Disconnection time (s)			
	0.4	5	0.4	5
	Max. loop impedance (Ω)			
6	1.82	3.64	1.46	2.91
10	1.09	2.19	0.87	1.75
16	0.68	1.37	0.54	1.10
20	0.55	1.09	0.44	0.87
25	0.44	0.87	0.35	0.70
32	0.34	0.68	0.27	0.54
40	0.27	0.55	0.22	0.44
50	0.22	0.44	0.18	0.35
63	0.17	0.35	0.14	0.28
80	0.14	0.27	0.11	0.22
100	0.11	0.22	0.09	0.18
125	0.09	0.17	0.07	0.14

3. Finland

Fuse type NV

Rated current (A)	Disconnection time [s]				
	35m	0.1	0.2	0.4	5
	Min. prospective short- circuit current (A)				
2	40.6	27.9	23.4	19.9	11.4
4	82	58	48.5	39.9	23.4
6	128.5	87.5	70.6	58	33.4
10	207.3	144.1	120.6	100.9	58
16	258.6	188.5	157.6	134.3	82.9
20	346	255.3	213.5	181.9	108.4
25	451.6	321.9	269.3	225.3	136.6
35	772.6	566.5	467.5	385.9	211.9
50	1150	800	681.3	580.3	333.6
63	1520	1030	829.1	681.3	398.9
80	1960	1420	1210	1050	559.9
100	2590	1790	1490	1270	731.8
125	3530	2510	2140	1820	956.4
160	4420	3110	2550	2100	1180
200	5690	4360	3710	3160	1690
250	7540	5500	4520	3650	1990
315	9710	7580	6230	5120	2840
400	13220	9910	8290	6810	3460
500	17020	13670	11030	9390	4940
630	24520	17550	14420	11640	6230
710	24640	22210	17930	15000	8030
800	31580	25070	20240	16930	9070
1000	43000	29440	24200	20240	11430
1250	56940	45190	36480	30510	16340

Fuse type gG

Rated current (A)	Disconnection time [s]				
	35m	0.1	0.2	0.4	5
	Min. prospective short- circuit current (A)				
2	40.6	27.9	23.4	19.9	11.4
4	82	58	48.5	39.9	23.4
6	128.5	87.5	70.6	58	33.4
10	207.3	144.1	120.6	100.9	58
13	241.4	181	147.4	125	70.3
16	258.6	188.5	157.6	134.3	82.9
20	346	255.3	213.5	181.9	108.4
25	451.6	321.9	269.3	225.3	136.6
32	673.9	451.9	384.9	339.6	198.9
35	772.6	566.5	467.5	385.9	211.9
40	867.8	580.3	476.8	398.9	237.6
50	1150	800	681.3	580.3	333.6
63	1520	1030	829.1	681.3	398.9
80	1960	1420	1210	1050	559.9
100	2590	1790	1490	1270	731.8

Fuse type B

Rated current (A)	Disconnection time [s]				
	35m	0.1	0.2	0.4	5
	Min. prospective short- circuit current (A)				
0.5	6.3	6.3	6.3	6.3	4.4
1	12.5	12.5	12.5	12.5	8.8
1.6	20	20	20	20	14
2	25	25	25	25	17.5
4	50	50	50	50	35
6	37.5	37.5	37.5	37.5	37.5
10	62.5	62.5	62.5	62.5	62.5
13	81.3	81.3	81.3	81.3	81.3
15	93.8	93.8	93.8	93.8	93.8
16	100	100	100	100	100
20	125	125	125	125	125
25	156.3	156.3	156.3	156.3	156.3
32	200	200	200	200	200
40	250	250	250	250	250
50	312.5	312.5	312.5	312.5	312.5
63	393.8	393.8	393.8	393.8	393.8

Fuse type C

Rated current (A)	Disconnection time [s]				
	35m	0.1	0.2	0.4	5
	Min. prospective short- circuit current (A)				
0.5	6.3	6.3	6.3	6.3	4.4
1	12.5	12.5	12.5	12.5	8.8
1.6	20	20	20	20	14
2	25	25	25	25	17.5
4	50	50	50	50	35
6	75	75	75	75	52.5
10	125	125	125	125	87.5
13	162.5	162.5	162.5	162.5	113.8
15	187.5	187.5	187.5	187.5	131.3
16	200	200	200	200	140
20	250	250	250	250	175
25	312.5	312.5	312.5	312.5	218.8
32	400	400	400	400	280
40	500	500	500	500	350
50	625	625	625	625	437.5
63	787.5	787.5	787.5	787.5	551.3

Fuse type D

Rated current (A)	Disconnection time [s]				
	35m	0.1	0.2	0.4	5
	Min. prospective short- circuit current (A)				
0.5	12.5	12.5	12.5	12.5	4.4
1	25	25	25	25	8.8
1.6	40	40	40	40	14
2	50	50	50	50	17.5
4	100	100	100	100	35
6	150	150	150	150	42.5
10	250	250	250	250	87.5
13	325	325	325	325	113.8
15	375	375	375	375	131.3
16	400	400	400	400	140
20	500	500	500	500	175
25	625	625	625	625	218.8
32	800	800	800	800	280

Fuse type K

Rated current (A)	Disconnection time [s]				
	35m	0.1	0.2	0.4	
	Min. prospective short- circuit current (A)				
0.5	9.4	9.4	9.4	9.4	
1	18.8	18.8	18.8	18.8	
1.6	30	30	30	30	
2	37.5	37.5	37.5	37.5	
4	75	75	75	75	
6	112.5	112.5	112.5	112.5	
10	187.5	187.5	187.5	187.5	
13	243.8	243.8	243.8	243.8	
15	281.3	281.3	281.3	281.3	
16	300	300	300	300	
20	375	375	375	375	
25	468.8	468.8	468.8	468.8	
32	600	600	600	600	

4. Hungary

Fuse type gR added. Other fuse tables are the same as in 1 All countries except UK, Australia, New Zealand, Hungary, Finland

Fuse type gR

Rated current (A)	Disconnection time [s]							
	35m	40m	70m	0.1	0.2	0.4	1	5
	Min. prospective short-circuit current (A)							
2	31.4	30.1	22.1	14	10	8	7.7	5
4	62.8	60.2	44.1	28	20	16	15.3	10
6	94.2	90.2	66.1	42	30	24	22.9	15
10	157	150.4	110.2	70	50	40	38.1	25
13	204	195.4	143.2	91	65	52	49.5	32.5
16	251	240.4	176.2	112	80	64	60.9	40
20	314	300.7	220.4	140	100	80	76.1	50
25	393	376.3	275.7	175	125	100	95.2	62.5
32	502	480.7	352.4	224	160	128	121.8	80
35	550	526.6	385.8	245	175	140	133.2	87.5
40	628	601.3	440.7	280	200	160	152.2	100
50	785	751.6	550.8	350	250	200	190.3	125
63	989	946.9	694	441	315	252	239.7	157.5
80	1256	1202.5	881.3	560	400	320	304.4	200
100	1570	1503.1	1101.6	700	500	400	380.5	250
125	1963	1879.4	1377.2	875	625	500	475.7	313
160	2510	2403.1	1761.6	1120	800	640	608.7	400
200	3140	3006.2	2203.1	1400	1000	800	760.9	500
250	3930	3762.4	2756.2	1750	1250	1000	951.1	625
315	4950	4739.3	3474.7	2210	1575	1260	1198.5	788
400	6280	6012.4	4406.2	2800	2000	1600	1521.8	1000
500	7850	7515.4	5507.7	3500	2500	2000	1902.2	1250
630	9890	9468.5	6939.3	4410	3150	2520	2396.8	1575
710	11150	10674.7	7822.4	4970	3550	2840	2701.1	1775
800	12560	12024.7	8812.4	5600	4000	3200	3043.5	2000
1000	15700	15030.8	11015.4	7000	5000	4000	3804.4	2500
1250	19630	18793.1	13771.6	8750	6250	5000	4756.1	3130

5. Australia

Impedances at 230 V a.c. (AS/NZS 3000:2018)

Type B

Rated current (A)	Disconnection time (s)	
	0.4	
	Max. loop impedance (Ω)	
6	9.6	
10	5.8	
16	3.6	
20	2.9	
25	2.3	
32	1.8	
40	1.4	
50	1.2	
63	0.9	
80	0.7	
100	0.6	
125	0.5	
160	0.4	
200	0.3	

Type C

Rated current (A)	Disconnection time (s)	
	0.4	
	Max. loop impedance (Ω)	
6	5.1	
10	3.1	
16	1.9	
20	1.5	
25	1.2	
32	1	
40	0.8	
50	0.6	
63	0.5	
80	0.4	
100	0.3	
125	0.2	
160	0.2	
200	0.2	

Type D

Rated current (A)	Disconnection time (s)	
	0.4	
	Max. loop impedance (Ω)	
6	3.1	
10	1.8	
16	1.2	
20	0.9	
25	0.7	
32	0.6	
40	0.5	
50	0.4	
63	0.3	
80	0.2	
100	0.2	
125	0.1	
160	0.1	
200	0.1	

Fuse

Rated current (A)	Disconnection time (s)	
	0.4	5
	Max. loop impedance (Ω)	
6	11.5	15.3
10	6.4	9.2
16	3.1	5
20	2.1	3.6
25	1.6	2.7
32	1.3	2.2
40	1	1.6
50	0.7	1.3
63	0.6	0.9
80	0.4	0.7
100	0.3	0.5
125	0.2	0.4
160	0.2	0.3
200	0.1	0.2

All impedances are scaled with Z factor 1.00

6. New Zealand

Impedances at 230 V a.c. (AS/NZS 3000:2007)

Type B

Rated current (A)	Disconnection time (s)	
	0.4	
	Max. loop impedance (Ω)	
6	9.58	
10	5.75	
16	3.59	
20	2.88	
25	2.30	
32	1.80	
40	1.44	
50	1.15	
63	0.91	
80	0.72	
100	0.58	
125	0.46	
160	0.36	
200	0.29	

Type C

Rated current (A)	Disconnection time (s)	
	0.4	
	Max. loop impedance (Ω)	
6	5.11	
10	3.07	
16	1.92	
20	1.53	
25	1.23	
32	0.96	
40	0.77	
50	0.61	
63	0.49	
80	0.38	
100	0.31	
125	0.25	
160	0.19	
200	0.15	

Type D

Rated current (A)	Disconnection time (s)	
	0.4	
	Max. loop impedance (Ω)	
6	3.07	
10	1.84	
16	1.15	
20	0.92	
25	0.74	
32	0.58	
40	0.46	
50	0.37	
63	0.29	
80	0.23	
100	0.18	
125	0.15	
160	0.12	
200	0.09	

Fuse

Rated current (A)	Disconnection time (s)	
	0.4	5
	Max. loop impedance (Ω)	
6	11.50	15.33
10	6.39	9.20
16	3.07	5.00
20	2.09	3.59
25	1.64	2.71
32	1.28	2.19
40	0.96	1.64
50	0.72	1.28
63	0.55	0.94
80	0.38	0.68
100	0.27	0.48
125	0.21	0.43
160	0.16	0.30
200	0.13	0.23

All impedances are scaled with Z factor 1.00