

Low-Voltage Fuse Systems

Fuse Links for Motor Circuits

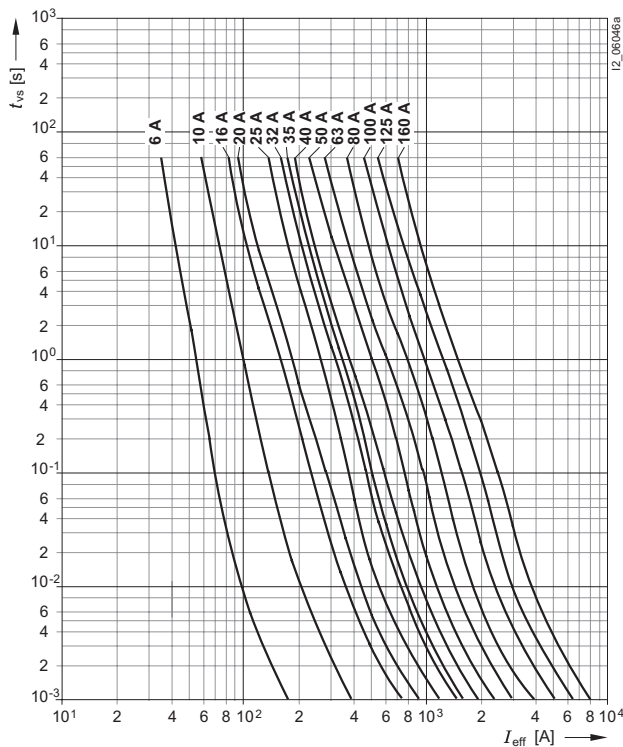
LV HRC fuse links aM

Characteristic curves

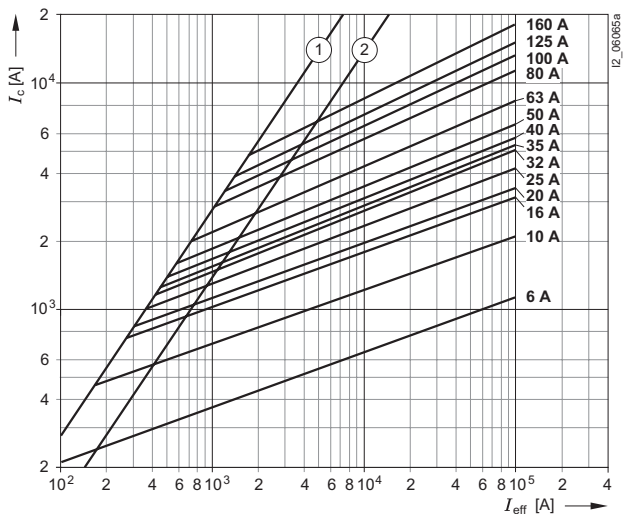
Series 3ND1 8

Size: 000, 00
Operational class: aM
Rated voltage: 500 V AC
Rated current: 6 ... 160 A

Time/current characteristics diagram

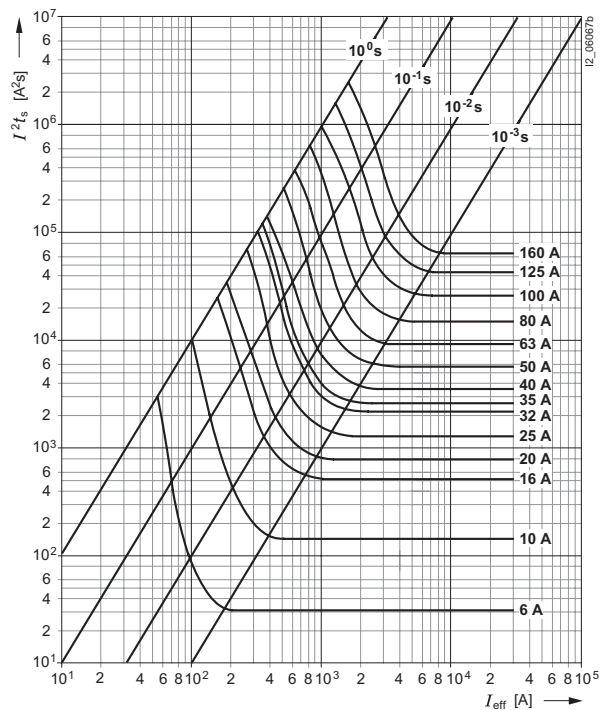


Current limitation diagram



- ① Peak short-circuit current with largest DC component
② Peak short-circuit current without DC component

Melting $I^2 t_s$ values diagram



Type	I_n	P_v	$\Delta\vartheta$	$I^2 t_s$	
	A	W	K	1 ms A ² s	4 ms A ² s
3ND1 801	6	0.8	7	32	55
3ND1 803	10	0.5	5	150	260
3ND1 805	16	0.8	7	570	800
3ND1 807	20	1	8	830	1200
3ND1 810	25	1.2	9	1400	2000
3ND1 812	32	1.5	10	2300	3300
3ND1 814	35	1.8	11	2600	3800
3ND1 817	40	2	12	3700	5500
3ND1 820	50	2.4	14	5800	8400
3ND1 822	63	3.3	17	9300	13000
3ND1 824	80	4.5	20	15000	21000
3ND1 830	100	4.9	18	26000	37000
3ND1 832	125	6.3	22	41000	60000
3ND1 836	160	9.3	31	64000	92000

Type	$I^2 t_a$		
	230 V AC A ² s	400 V AC A ² s	500 V AC A ² s
3ND1 801	60	75	110
3ND1 803	280	320	430
3ND1 805	1000	1300	1600
3ND1 807	1300	1600	2200
3ND1 810	2200	2800	3300
3ND1 812	3800	4500	5400
3ND1 814	4200	5100	6300
3ND1 817	5700	7200	9300
3ND1 820	5200	10500	12500
3ND1 822	15000	16500	21000
3ND1 824	21500	27000	34000
3ND1 830	44000	56000	76000
3ND1 832	76000	98000	135000
3ND1 836	105000	130000	170000