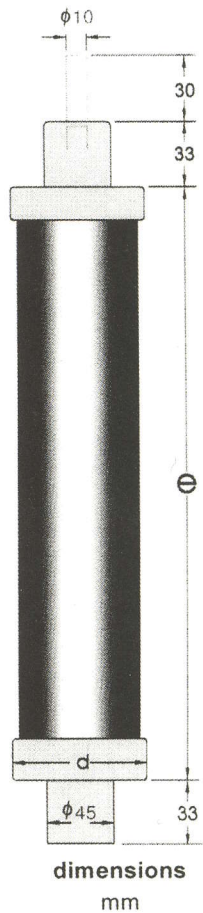
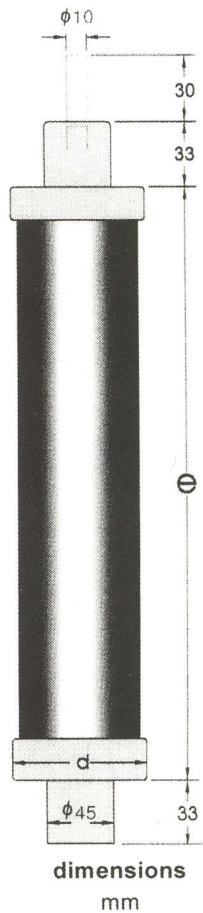


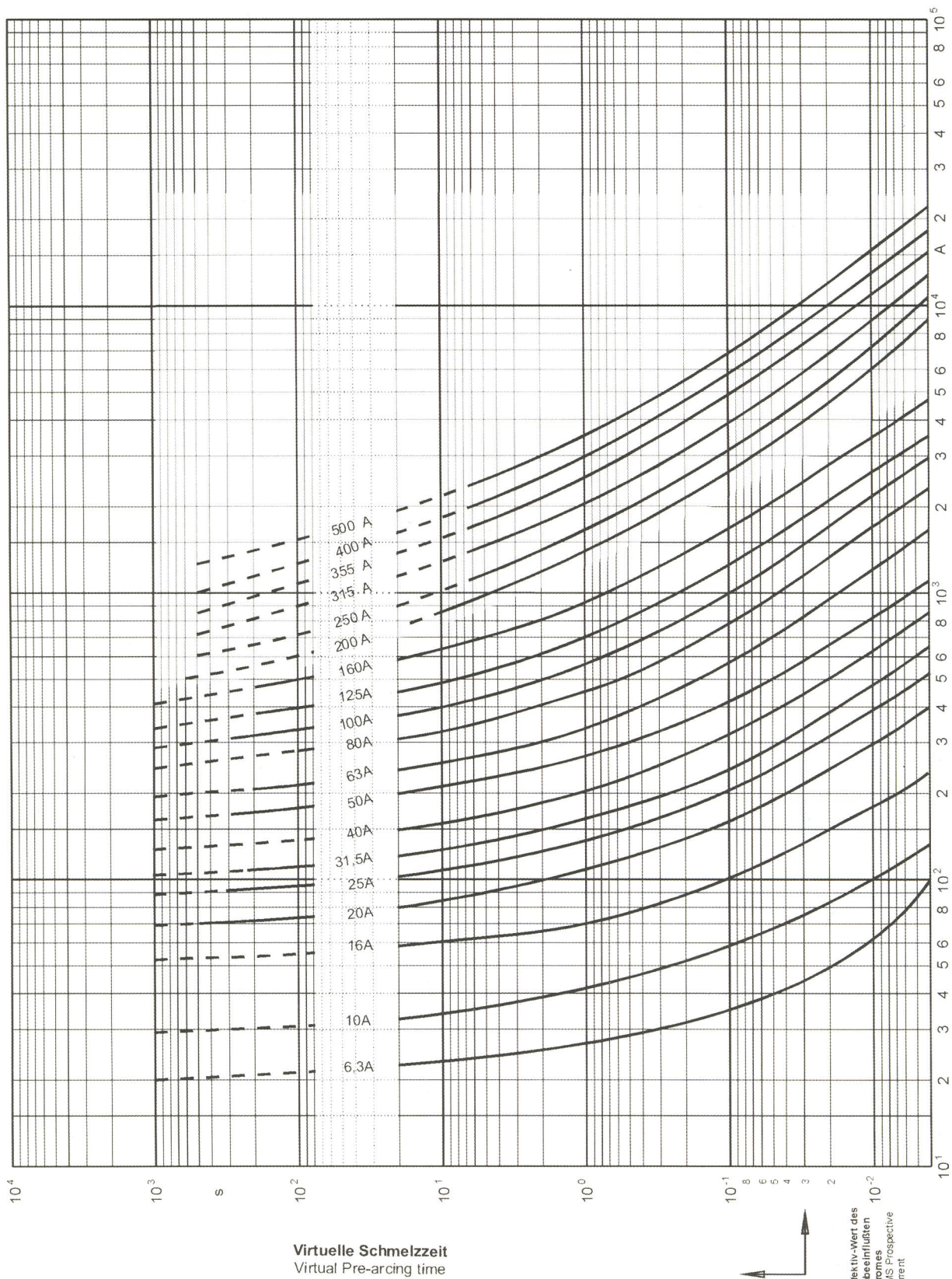
High-Voltage Fuses

SIBA

DIN 43625
VDE 0670/part 4
IEC 282-1

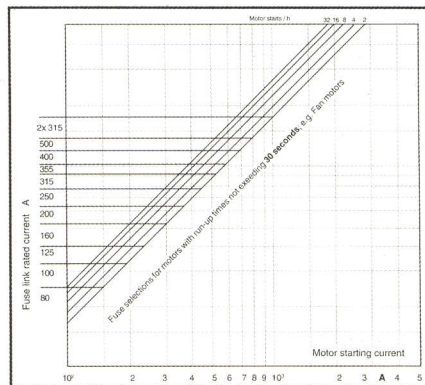
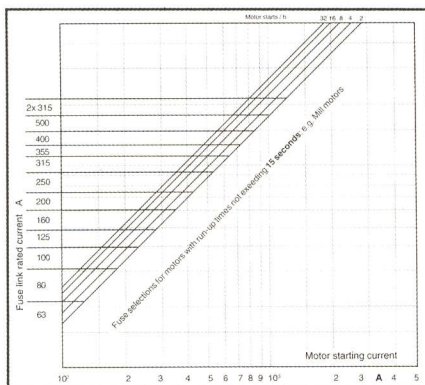
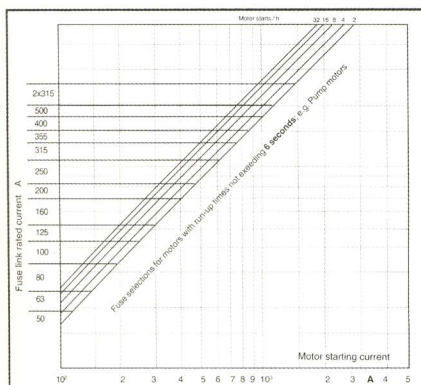
d mm	3/7.2 kV			6/12 kV			10/24 kV			20/36 kV												
	current rating A	L-Nr.	rated cutoff current kA	current rating A	L-Nr.	rated cutoff current kA	current rating A	L-Nr.	rated cutoff current kA	current rating A	L-Nr.	rated cutoff current kA										
e = 192 mm				e = 292 mm			e = 442 mm			e = 537 mm												
Ø53	1	30 002 11	63	1	30 004 11	63	1	30 006 11	40	1	30 008 11	20										
	6.3			6.3			6.3		6.3													
	10			10			10		10													
	16			16			16		16													
	20			20			20		20													
	25	30 002 13		25	30 004 13		25	30 006 13	63	20	30 008 13											
	31.5			31.5			31.5		25													
	40			40			40															
Ø67	50	30 010 13	63	50	30 012 13	63	50	30 014 13	63	31.5	30 016 13	20										
	80			80			63			40												
	100			100			80															
	125			125																		
Ø85	(125)	30 018 13	63	160	30 020 13	63	100	30 022 13	63	50	30 024 13	20										
	160		40			40	125		40	63												
	200	30 018 14	200	30 020 14	160		80															
	250				200		30 0022 14	100														
e = 292 mm				e = 442 mm			e = 537 mm															
Ø53	6.3	30 098 13	63	6.3	30 101 13	63	6.3	30 203 13	63													
	10			10			10															
	16			16			16															
	20			20			20															
	25			25			25															
	31.5			31.5			31.5															
Ø67	40	30 099 13	63	40	30 102 13	63	40	30 204 13	63													
	50			50			50															
Ø85	160	30 100 13	40	160	30 103 13	63	100	30 196 13	63													
	200	30 100 14		200	30 103 14	40	125		40													
	250			250		31.5	160		31.5													
	315						200															
	355						250															
e = 442 mm				e = 537 mm																		
Ø67	100	30 109 13	63																			
	125																					
Ø85	160	30 110 13	40	100	30 211 13	63																
	200	30 110 14		125																		
	250			160																		
	315			200																		
	355			250																		
	400			315																		
500					30 211 14	40																

Zeit/Strom-Kennlinie für HH-Teilbereich-Sicherungseinsätze 6,3 - 160 A
Time current characteristics for HV-Back up fuse links 6,3 - 160 A



FUSE SELECTION GUIDE

1. MOTOR



2. TRANSFORMER

Rated voltage in kV	Transformer rated capacity in kVA (Limit of short circuit time – 2 sec.													
	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000
	uk = 4%								uk = 5%					
	Rated current given in Amps of the HV–fuse links													
6 / 7,2	20	25	31,5	40	50	63	80	100	125	160	200	250	315	400
10 / 12	16	16	20	25	31,5	40	50	63	80	100	125	160	200	250
15 / 17,5	10	10	16	20	25	31,5	31,5	40	50	80	80	100	125	160
20 / 24	10	10	10	16	10	25	25	31,5	40	63	63	80	100	125
30 / 36	6,3	10	10	16	16	20	25	25	31,5	40	40	50	63	80

3. CAPACITOR

Rated voltage in kV	Capacitor size in kVAr													
	50	100	200	250	300	400	500	750	1000	1250	1600	2000		
	Rated current of the HV-fuse links													
	6 / 7,2	10	20	40	50	63	80	100	160	200	250	315	315	
10 / 12	6,3	10	20	25	31,5	40	50	80	100	125	160	200		
20 / 24	6,3	6,3	10	16	16	20	25	40	50	63	80	100		

Capacitor용 Fuse 설계시에는 Line Voltage의 2배의 Fuse Voltage를 적용해야 함.
(IEC 549, Chapter II, Para 3.2 참조)