

High Voltage Fuses

German DIN Standard

For Air & Gas Insulated Switchgear
Indoor and Outdoor Application



HV-Back-up Fuse Links

$\phi = 45\text{mm}$

DIN 43625 · IEC 60282-1

Operating Voltage (kV)	Rated Current (A)	Dimensions (mm)		Part Number	Rated Breaking Current (kA)	Minimum Breaking Current (A)	Cold Resistance (mΩ)	Power Loss (W)	Weight (kg)	
		E	D							
3 ~ 7.2	6.3, 10 16, 20 25, 31.5 40, 50	192	53	30 002 13	63	22, 34 56, 70 90, 110 140, 170	178, 113 50, 27 21, 17 13, 9.3	10, 17 17, 13 16, 21 27, 30	1.2	
	63, 80 100, 125		67	30 010 13		210, 280 320, 390	6.8, 4.8 3.8, 3.3	38, 47 60, 98		1.5
	160 200RC140, 250RC160		85	30 018 13 30 018 14		600 800, 1000	2.5 2.1, 1.9	124 60, 70		
	200RC160, 250RC180 315RC200, 355RC225	292	85	30 100 14	50	800, 1000 1260, 1420	2.1, 1.7 1.4, 1.2	74, 77 81, 89	3.8	
	200, 250RC225, 315RC250 355RC250, 400RC315, 500RC355			442		30 110 14	800, 1000, 1260 1420, 1600, 2000	2.1, 1.7, 1.4 1.2, 1.1, 0.85		121, 145, 143 154, 165, 176

RCXXX is the **LOAD CURRENT** which will result in the maximum allowed contact cap temperature rise of 65K according to IEC 60282-1

HV-Back-up Fuse Links

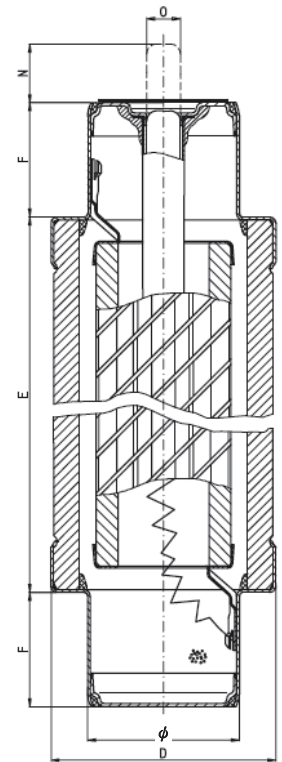
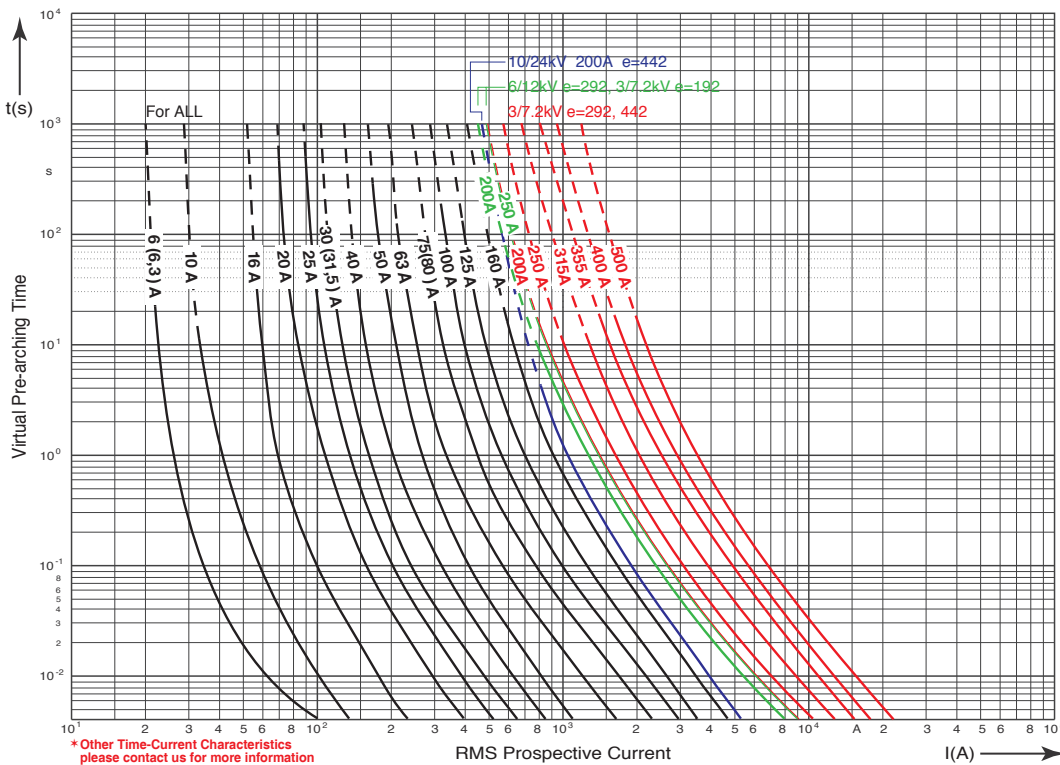
$\phi = 45\text{mm}$

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Operating Voltage (kV)	Rated Current (A)	Dimensions (mm)		Part Number	Rated Breaking Current (kA)	Minimum Breaking Current (A)	Cold Resistance (m Ω)	Power Loss (W)	Weight (kg)											
		E	D																	
6 ~ 12	2, 4, 6 (6.3) 10 16 20 25 30 (31.5) 40 50	292	53	30 004 13	63	16, 32, 22 34 56 70 90 110 140 170	1570, 520, 297(312) 189 84 45 34 28(30) 22 16	8.2, 12, 16 28 28 23 29 38 50 56	1.6											
	63 75 (80) 100 125					85	30 012 13	50		210 280 320 390	12 8.5(9.1) 6.5 5.5	63 76 104 159	2.0							
	160RC125									30 020 13	600	4.2		96						
	200RC125 250RC140									30 020 14	800 1000	3.6 3.2		91 92						
	250RC200					442	30 103 14	1000		2.6	139	5.4								
	10 ~ 24					2, 4, 6 (6.3) 10 16 20 25 30 (31.5) 40	442	53		30 006 13	63	16, 32, 22 34 56 70 90 110 140	2850, 950, 546(574) 347 151 83 62 52(55) 43	15, 22, 29 52 59 46 56 72 106	2.2					
						50 63 75 (80)						85	30 014 13	50		170 210 280	29 22 16(17)	108 132 174	2.9	
						100										30 022 13	320	13		234
						125 160RC100										30 022 14	390 600	11 9		320 146
						200RC112						537	30 022 14	800		8	157	5.4		
250RC140		537	30 196 14	1000	6.5	199			6.8											

RCXXX is the LOAD CURRENT which will result in the maximum allowed contact cap temperature rise of 65K according to IEC 60282-1

Time Current Characteristics & Dimensions



$\phi = 45\text{mm}$
F = 35 mm
O = 10 mm
N = 35 mm

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