

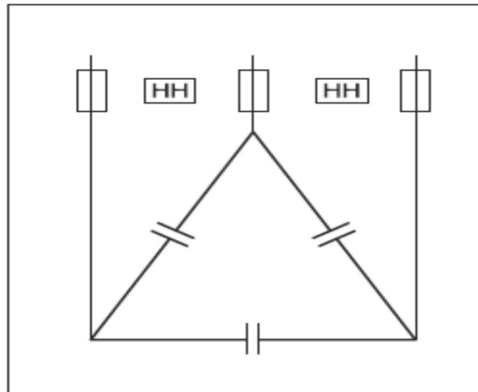
HHD Applications

Protection of Capacitors

**Recommendation for the protection of capacitors with HHD fuses to DIN standard.**

Assignment of rated currents of HHD fuses to capacitor ratings.

To control the occurring voltage during switch off, the fuse should be chosen with the next higher range, e.g. for a capacitor voltage at 10kV the fuse should be rated 20kV - see IEC 60549, Chapter II, Para 3.2.



Capacitor Rating	HV Fuse Selection					
	System Voltage( Line - Line) [kV]					
	6 - 7.2		10 - 12		20 - 24	
	Rated Voltage	Rated Current	Rated Voltage	Rated Current	Rated Voltage	Rated Current
[kVA]	[kV]	[A]	[kV]	[A]	[kV]	[A]
50		10		6.3		6.3
100		20		10		6.3
200		40		20		10
250		50		25		16
300		63		31.5		16
400	6 - 12	80	10 - 24	40	20 - 36	20
500		100		50		25
750		160		80		40
1 000		200		100		50
1 250		250		125		63
1 600		315		160		80
2 000		315		200		100