

Limitor[®]- PTD Back-up Fuses

with Controlled Power Dissipation

SELECTION TABLE

Rated voltage range of fuse-link [kV]		6/12			10/24			20/36		
Service voltage of transformer [kV]		10			20			30		
Relative short-circuit voltage	Transformer output [kVA]	Transformer rated current [A]	Rated current of fuse-link [A]	Power dissipation of HV fuse-links at rated current of transformer [W]	Transformer rated current [A]	Rated current of fuse-link [A]	Power dissipation of HV fuse-links at rated current of transformer [W]	Transformer rated current [A]	Rated current of fuse-link [A]	Power dissipation of HV fuse-links at rated current of transformer [W]
U _k = 4%	100	5.8	16	2.4	2.9	10	3.3	1.9	6.3	2.8
	125	7.2	16	3.6	3.6	10	5	2.4	10	3
	160	9.2	20	4.5	4.6	16	2.9	3.1	10	4.7
	200	11.4	25	5.3	5.8	16	4.6	3.8	16	3
	250	14.4	31.5	6.7	7.2	16–25	3.8–7.2	4.8	16	4.5
	315	18.2	40	8.6	9.1	25	6.2	6.1	20	5.6
	400	23.1	50	10.7	11.6	25–31	8.3–10.2	7.7	25	6.5
	500	28.9	63	10.4	14.4	31.5	13	9.6	25	10
U _k = 5%	630	36.4	80	13.1	18.2	40	15.2	12.1	31.5	12.3
	800	46.2	100	20.8	23.1	50	15.9	15.4	40	16.9
U _k = 6%	1000	57.7	125	18.3	28.9	63	22.7	19.2	40–50	17.3–27.6
	1250	72.2	125	26.3	36.1	63	24.1	24.1	40	46.9
	1600	92.4	160	42.1	46.1	80	36.9	30.8	50	51.7
	2000	–	–	–	57.8	100	48.1	38.6	63	45.7