

Nominal voltages (and related voltages)

above 1000 V a.c., 3phase systems

		System IEC 60038		Equipment IEC 60071-1						
		U _n kV rms	U _s kV rms	U _m kV rms	ACWV kV rms	SIWV kV peak	LIWV kV peak			
Distribution	Subtransmission	3	3.6	3.6	10	-/-	20 / 40			
		6	7.2	7.2	20	-/-	40 / 60			
		10	12	12	28	-/-	60 / 75 / 95			
		15	17.5	17.5	38	-/-	75 / 95			
		20	24	24	50	-/-	95 / 125 / 145			
		30	36	36	70	-/-	145 / 170			
		35	40.5	40.5	-/-	-/-	-/-			
	Transmission	Subtransmission	45	52	52	95	-/-	250		
			66	72.5	72.5	140	-/-	325		
			-/-	-/-	100	185	-/-	450		
			110	123	123	230	-/-	550		
			132	145	145	230 275	-/-	550 650		
			150	170	170	275 325	-/-	650 750		
			220	245	245	360 395 460	-/-	850 950 1050		
Transmission		Subtransmission	-/-	300	300	-/-	750 850	850 950 1050		
			-/-	362	362	-/-	850 950	950 1050 1175		
		Transmission	Subtransmission	380	420	420	-/-	850 950 1050	1050 1175 1300 1425	
				-/-	550	550	-/-	950 1050 1175	1175 1300 1425 1550	
			Transmission	Subtransmission	-/-	800	800	-/-	1300 1425 1550	1675 1800 1950 2100
					-/-	1100	1100	-/-	1550 1675 1800	2100 2250 2400 2550
				Transmission	Subtransmission	-/-	1200	1200	-/-	1675 1800 1950

The APPLICATION NOTES (AN) are intended to be used in conjunction with the

APPLICATION GUIDELINES

Overvoltage protection

Metal-oxide surge arresters in medium-voltage systems.

Each APPLICATION NOTE gives in a concentrated form additional and more detailed information for the selection and application of MO surge arresters in general or for a specific equipment.

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