

Working Voltage (up to and including)		Nominal Ac Mains Supply Voltage <150V (Mains Transient Voltage 1500V)						Nominal Ac Mains Supply Voltage >150V <300V (Mains Transient Voltage 2500V)						Nominal Ac Mains Supply Voltage >300V <600V (Mains Transient Voltage 4000V)		
Peak or Dc	Rms (Sinusoidal)	Pollution Degree 1 and 2			Pollution Degree 3			Pollution Degree 1 and 2			Pollution Degree 3			Pollution Degree 1 and 2		
V	V	F	B/S	R	F	B/S	R	F	B/S	R	F	B/S	R	F	B/S	R
71	50	0.4	1.0 (0.5)	2.0 (1.0)	0.8	1.3 (0.8)	2.8 (1.6)	1.0	2.0 (1.5)	4.0 (3.0)	1.3	2.0 (1.5)	4.0 (3.0)	2.0	3.2 (3.0)	6.4 (8.0)
210	150	0.5	1.0 (0.5)	2.0 (1.0)	0.8	1.3 (0.8)	2.6 (1.8)	1.4	2.0 (1.5)	4.0 (3.0)	1.5	2.0 (1.5)	4.0 (3.0)	2.0	3.2 (3.0)	5.4 (6.0)
420	300	F 1.5 B/S 2.0 (1.5) R 4.0 (3.0)											2.5	3.2 (3.0)	6.4 (6.0)	
840	600	F 3.0 B/S 3.2 (3.0) R 6.4 (8.0)														
1400	1000	F/BS 4.2 R 6.4														
2800	2000	F/B/S/R 8.4														
7000	5000	F/B/S/R 17.5														
9800	7000	F/B/S/R 25														
14,000	10,000	F/B/S/R 37														
28,000	20,000	F/B/S/R 80														
42,000	30,000	F/B/S/R 130														

1. The values in the table are applicable to functional (F), basic (B), supplementary (S), and reinforced (R) insulation.
2. The values in parentheses are applicable to basic, supplementary, or reinforced insulation only if manufacturing is subjected to a quality control program that provides at least the same level of assurance as the example given in annex R.2. In particular, double and reinforced insulation shall be subjected to routine tests for electric strength.
3. For working voltages between 2800 V peak or dc and 42,000 V peak or dc, linear interpolation is permitted between the nearest two points, the calculated spacing being rounded up to the next higher 0.1-mm increment.

Table I. Table 2H of the standard provides minimum clearances for insulation in primary circuits and between primary and secondary circuits (clearances in millimeters).