

TYPE

BIL 2250-2550 kV

Higher mechanical strength possible on customer request!

IEC POST INSULATOR DESIGNATION	C4-2250	C6-2250	C8-2250	C10-2250	C12.5-2250
Dimensions					
Height H [mm]	5000 ± 6.5	5000 ± 6.5	5000 ± 6.5	5000 ± 6.5	5000 ± 6.5
Max. nom. diameter of insulating part d1 [mm]	280	300	320	320	330
Top fitting p.c.d. d2 [mm] / hole pattern	225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18
Bottom fitting p.c.d. d3 [mm] / hole pattern	254/4x18	300/8x18	325/8x18	356/8x18	356/8x18
Mechanical Values					
Minimum failing load - Bending [kN]	4	6	8	10	12.5
Minimum failing load - Bending moment underhung [kNm]	4	6	8	10	12.5
Minimum failing load - Bending moment upright [kNm]	20	30	40	50	62.5
Minimum failing load - Torsion [kNm]	3	3	4	4	6
Electrical Values					
Lightning impulse withstand voltage, dry [kV peak value]	2250	2250	2250	2250	2250
Switching impulse withstand voltage, wet [kV peak value]	1425	1425	1425	1425	1425

IEC POST INSULATOR DESIGNATION	C4-2400	C6-2400	C8-2400	C10-2400	C12.5-2400
Dimensions					
Height H [mm]	5300 ± 6.5	5300 ± 6.5	5300 ± 6.5	5300 ± 6.5	5300 ± 6.5
Max. nom. diameter of insulating part d1 [mm]	280	310	325	325	330
Top fitting p.c.d. d2 [mm] / hole pattern	225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18
Bottom fitting p.c.d. d3 [mm] / hole pattern	254/8x18	300/8x18	325/8x18	356/8x18	356/8x18
Mechanical Values					
Minimum failing load - Bending [kN]	4	6	8	10	12.5
Minimum failing load - Bending moment underhung [kNm]	4.24	6.36	8.48	10.6	13.25
Minimum failing load - Bending moment upright [kNm]	21.2	31.8	42.4	53	66.25
Minimum failing load - Torsion [kNm]	3	3	4	4	6
Electrical Values					
Lightning impulse withstand voltage, dry [kV peak value]	2400	2400	2400	2400	2400
Switching impulse withstand voltage, wet [kV peak value]	1425	1425	1425	1425	1425

IEC POST INSULATOR DESIGNATION	C4-2550	C6-2550	C8-2550	C10-2550
Dimensions				
Height H [mm]	5700 ± 6.5	5700 ± 6.5	5700 ± 6.5	5700 ± 6.5
Max. nom. diameter of insulating part d1 [mm]	285	310	330	330
Top fitting p.c.d. d2 [mm] / hole pattern	225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18
Bottom fitting p.c.d. d3 [mm] / hole pattern	275/8x18	300/8x18	325/8x18	356/8x18
Mechanical Values				
Minimum failing load - Bending [kN]	4	6	8	10
Minimum failing load - Bending moment underhung [kNm]	4.56	6.84	9.12	11.4
Minimum failing load - Bending moment upright [kNm]	22.8	34.2	45.6	57
Minimum failing load - Torsion [kNm]	3	3	4	4
Electrical Values				
Lightning impulse withstand voltage, dry [kV peak value]	2550	2550	2550	2550
Switching impulse withstand voltage, wet [kV peak value]	1550	1550	1550	1550

