

TYPE

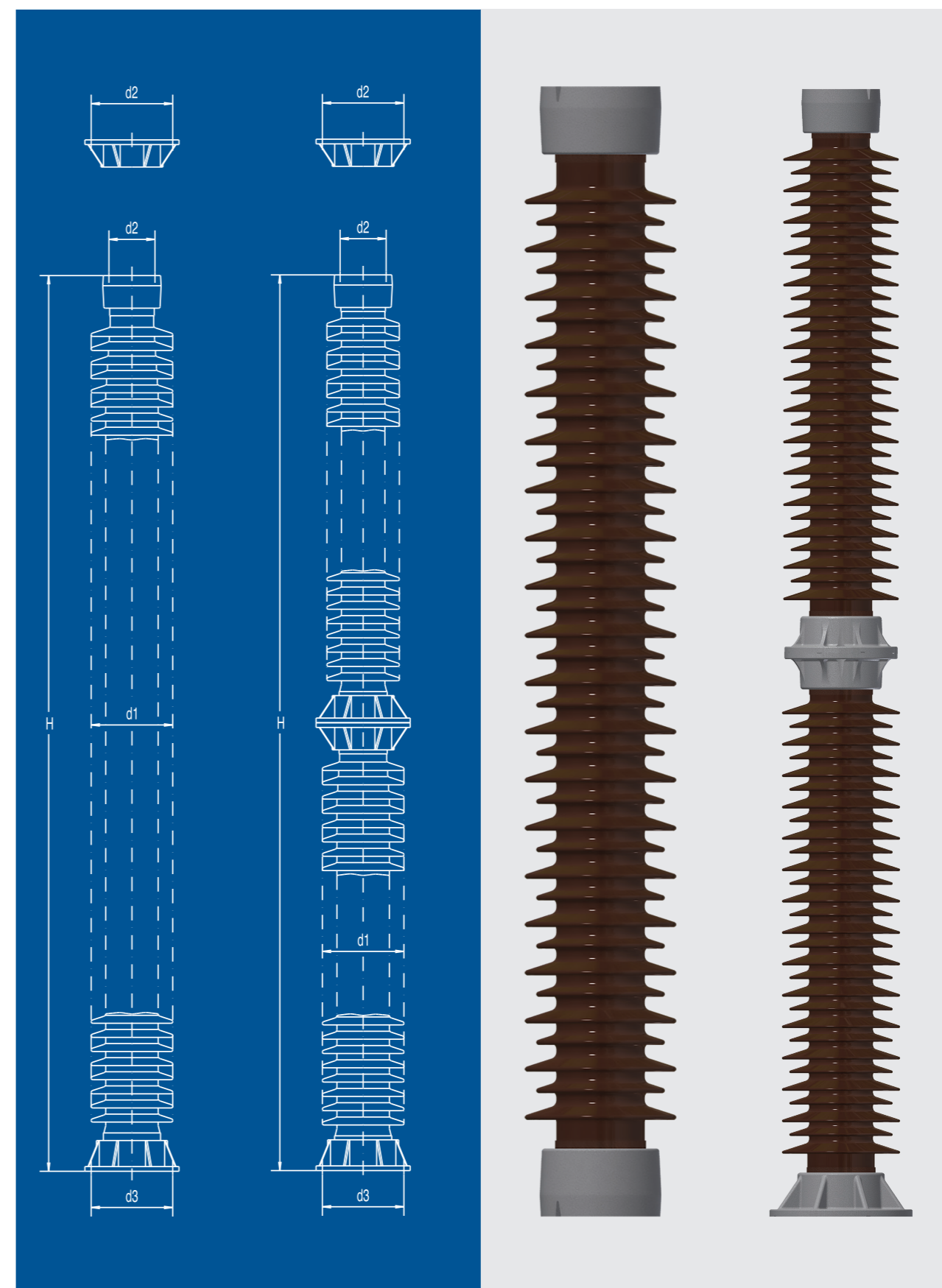
BIL 1050-1300 kV

Higher mechanical strength possible on customer request!

IEC POST INSULATOR DESIGNATION	C4-1050	C6-1050	C8-1050	C10-1050	C12.5-1050	C16-1050	C20-1050
Dimensions							
Height H [mm]	2300 ± 3.5	2300 ± 3.5	2300 ± 3.5	2300 ± 3.5	2300 ± 3.5	2300 ± 3.5	2300 ± 3.5
Max. nom. diameter of insulating part d1 [mm]	245	260	270	280	295	310	325
Top fitting p.c.d. d2 [mm] / hole pattern	127/4x M16	127/4x M16 225/4x18	127/4x M16 225/4x18	127/4x M16 225/4x18	127/4x M16 225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18
Bottom fitting p.c.d. d3 [mm] / hole pattern	200/4x18	225/4x18	254/8x18	275/8x18	275/8x18	300/8x18	325/8x18
Mechanical Values							
Minimum failing load - Bending [kN]	4	6	8	10	12.5	16	20
Minimum failing load - Bending moment underhung [kNm]	1.84	2.76	3.68	4.6	5.75	7.36	9.2
Minimum failing load - Bending moment upright [kNm]	9.2	13.8	18.4	23	28.75	36.8	46
Minimum failing load - Torsion [kNm]	3	3	4	4	6	6	6
Electrical Values							
Lightning impulse withstand voltage, dry [kV peak value]	1050	1050	1050	1050	1050	1050	1050
Switching impulse withstand voltage, wet [kV peak value]	750	750	750	750	750	750	750
Power frequency withstand voltage, wet [kV r.m.s.]	460	460	460	460	460	460	460

IEC POST INSULATOR DESIGNATION	C4-1175	C6-1175	C8-1175	C10-1175	C12.5-1175	C16-1175	C20-1175
Dimensions							
Height H [mm]	2650 ± 4.5	2650 ± 4.5	2650 ± 4.5	2650 ± 4.5	2650 ± 4.5	2650 ± 4.5	2650 ± 4.5
Max. nom. diameter of insulating part d1 [mm]	295	250	265	280	290	310	325
Top fitting p.c.d. d2 [mm] / hole pattern	127/4x M16 225/4x18	127/4x M16 225/4x18	127/4x M16 225/4x18	127/4x M16 225/4x18	127/4x M16 225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18
Bottom fitting p.c.d. d3 [mm] / hole pattern	225/4x18	254/8x18	254/8x18	275/8x18	300/8x18	325/8x18	356/8x18
Mechanical Values							
Minimum failing load - Bending [kN]	4	6	8	10	12.5	16	20
Minimum failing load - Bending moment underhung [kNm]	2.12	3.18	4.24	5.3	6.63	8.48	10.6
Minimum failing load - Bending moment upright [kNm]	10.6	15.9	21.2	26.5	33.13	42.4	53
Minimum failing load - Torsion [kNm]	3	3	4	4	6	6	6
Electrical Values							
Lightning impulse withstand voltage, dry [kV peak value]	1175	1175	1175	1175	1175	1175	1175
Switching impulse withstand voltage, wet [kV peak value]	850	850	850	850	850	850	850

IEC POST INSULATOR DESIGNATION	C4-1300	C6-1300	C8-1300	C10-1300	C12.5-1300	C16-1300	C20-1300
Dimensions							
Height H [mm]	2900 ± 4.5	2900 ± 4.5	2900 ± 4.5	2900 ± 4.5	2900 ± 4.5	2900 ± 4.5	2900 ± 4.5
Max. nom. diameter of insulating part d1 [mm]	250	270	280	295	310	325	325
Top fitting p.c.d. d2 [mm] / hole pattern	127/4x M16 225/4x18	127/4x M16 225/4x18	127/4x M16 225/4x18	127/4x M16 225/4x18	127/4x M16 225/4x18 254/8x18	225/4x18 254/8x18	225/4x18 254/8x18
Bottom fitting p.c.d. d3 [mm] / hole pattern	225/4x18	254/8x18	275/8x18	275/8x18	300/8x18	325/8x18	356/8x18
Mechanical Values							
Minimum failing load - Bending [kN]	4	6	8	10	12.5	16	20
Minimum failing load - Bending moment underhung [kNm]	2.32	3.48	4.64	5.8	7.25	9.28	11.6
Minimum failing load - Bending moment upright [kNm]	11.6	17.4	23.2	29	36.25	46.4	58
Minimum failing load - Torsion [kNm]	3	3	4	4	6	6	6
Electrical Values							
Lightning impulse withstand voltage, dry [kV peak value]	1300	1300	1300	1300	1300	1300	1300
Switching impulse withstand voltage, wet [kV peak value]	950	950	950	950	950	950	950



Will be offered as one or two unit column

Will be offered as two unit column

Will be offered as two unit column