

## TYPE

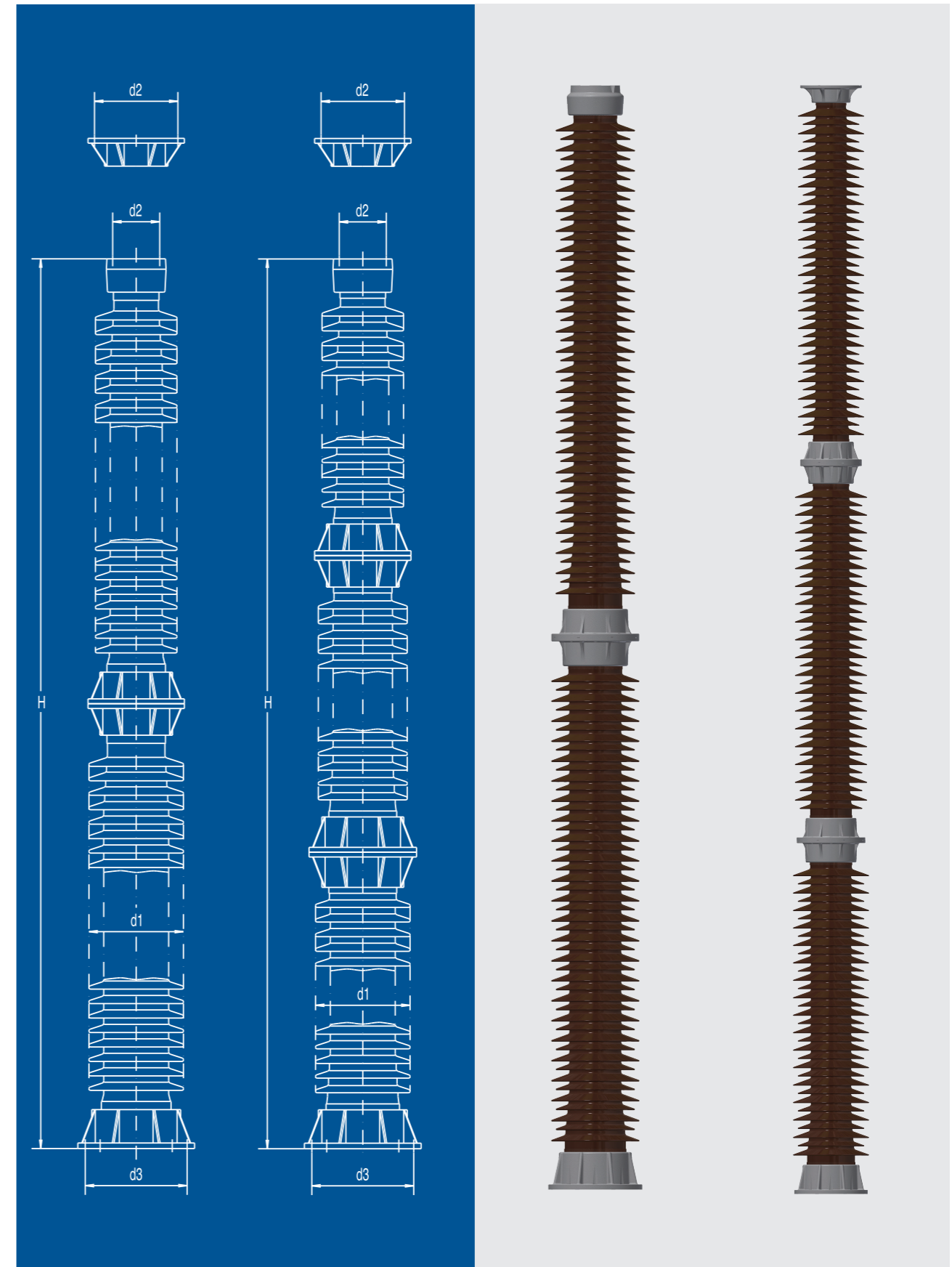
# BIL 1425-1675 kV

Higher mechanical strength possible on customer request!

IEC POST INSULATOR DESIGNATION	C4-1425	C6-1425	C8-1425	C10-1425	C12.5-1425	C16-1425	C20-1425
<b>Dimensions</b>							
Height H [mm]	3150 ± 4.5	3150 ± 4.5	3150 ± 4.5	3150 ± 4.5	3150 ± 4.5	3150 ± 4.5	3150 ± 4.5
Max. nom. diameter of insulating part d1 [mm]	260	280	290	310	325	325	330
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	300/8x18	325/8x18	356/8x18	356/8x18
<b>Mechanical Values</b>							
Minimum failing load - Bending [kN]	4	6	8	10	12.5	16	20
Minimum failing load - Bending moment underhung [kNm]	2.52	3.78	5.04	6.3	7.88	10.08	12.6
Minimum failing load - Bending moment upright [kNm]	12.6	18.9	25.2	31.5	39.38	50.4	63
Minimum failing load - Torsion [kNm]	3	3	4	4	6	6	6
<b>Electrical Values</b>							
Lightning impulse withstand voltage, dry [kV peak value]	1425	1425	1425	1425	1425	1425	1425
Switching impulse withstand voltage, wet [kV peak value]	950	950	950	950	950	950	950

IEC POST INSULATOR DESIGNATION	C4-1550	C6-1550	C8-1550	C10-1550	C12.5-1550	C16-1550	C20-1550
<b>Dimensions</b>							
Height H [mm]	3350 ± 4.5	3350 ± 4.5	3350 ± 4.5	3350 ± 4.5	3350 ± 4.5	3350 ± 4.5	3350 ± 4.5
Max. nom. diameter of insulating part d1 [mm]	260	280	300	310	325	325	330
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	300/8x18	325/8x18	356/8x18	356/8x18
<b>Mechanical Values</b>							
Minimum failing load - Bending [kN]	4	6	8	10	12.5	16	20
Minimum failing load - Bending moment underhung [kNm]	2.68	4.02	5.36	6.7	8.38	10.72	13.4
Minimum failing load - Bending moment upright [kNm]	13.4	20.1	26.8	33.5	41.88	53.6	67
Minimum failing load - Torsion [kNm]	3	3	4	4	6	6	6
<b>Electrical Values</b>							
Lightning impulse withstand voltage, dry [kV peak value]	1550	1550	1550	1550	1550	1550	1550
Switching impulse withstand voltage, wet [kV peak value]	1050	1050	1050	1050	1050	1050	1050

IEC POST INSULATOR DESIGNATION	C4-1675	C6-1675	C8-1675	C10-1675	C12.5-1675	C16-1675
<b>Dimensions</b>						
Height H [mm]	3650 ± 5.5	3650 ± 5.5	3650 ± 5.5	3650 ± 5.5	3650 ± 5.5	3650 ± 5.5
Max. nom. diameter of insulating part d1 [mm]	270	275	300	315	330	330
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	225/4x18 254/8x18	225/4x18 254/8x18
Bottom fitting p.c.d. d3 [mm] / hole pattern	254/8x18	275/8x18	300/8x18	300/8x18	325/8x18	356/8x18
<b>Mechanical Values</b>						
Minimum failing load - Bending [kN]	4	6	8	10	12.5	16
Minimum failing load - Bending moment underhung [kNm]	2.92	4.38	5.84	7.3	9.13	11.68
Minimum failing load - Bending moment upright [kNm]	14.6	21.9	29.2	36.5	45.63	58.4
Minimum failing load - Torsion [kNm]	3	3	4	4	6	6
<b>Electrical Values</b>						
Lightning impulse withstand voltage, dry [kV peak value]	1675	1675	1675	1675	1675	1675
Switching impulse withstand voltage, wet [kV peak value]	1050	1050	1050	1050	1050	1050



Will be offered as two unit column

Will be offered as two unit column

Will be offered as two or three unit column