

TYPE

BIL 60-95 kV

Higher mechanical strength possible on customer request!

IEC POST INSULATOR DESIGNATION	C4-60	C6-60	C8-60	C10-60
Dimensions				
Height H [mm]	190 ± 1	190 ± 1	190 ± 1	190 ± 1
Top fitting p.c.d. d2 [mm] / hole pattern	76/4x M12	76/4x M12	76/4x M12	76/4x M12
Bottom fitting p.c.d. d3 [mm] / hole pattern	76/4x M12	76/4x M12	76/4x M12	76/4x M12
Mechanical Values				
Minimum failing load - Bending [kN]	4	6	8	10
Minimum failing load - Bending moment underhung [kNm]	0.38	0.57	0.76	0.95
Minimum failing load - Bending moment upright [kNm]	0.76	1.14	1.52	1.9
Minimum failing load - Torsion [kNm]	0.6	0.6	0.8	1
Electrical Values				
Lightning impulse withstand voltage, dry [kV peak value]	60	60	60	60
Power frequency withstand voltage, wet [kV r.m.s.]	20	20	20	20

IEC POST INSULATOR DESIGNATION	C4-75	C6-75	C8-75	C10-75
Dimensions				
Height H [mm]	215 ± 1	215 ± 1	215 ± 1	215 ± 1
Top fitting p.c.d. d2 [mm] / hole pattern	76/4x M12	76/4x M12	76/4x M12	76/4x M12
Bottom fitting p.c.d. d3 [mm] / hole pattern	76/4x M12	76/4x M12	76/4x M12	76/4x M12
Mechanical Values				
Minimum failing load - Bending [kN]	4	6	8	10
Minimum failing load - Bending moment underhung [kNm]	0.43	0.65	0.86	1.08
Minimum failing load - Bending moment upright [kNm]	0.86	1.29	1.72	2.15
Minimum failing load - Torsion [kNm]	0.6	0.6	0.8	1
Electrical Values				
Lightning impulse withstand voltage, dry [kV peak value]	75	75	75	75
Power frequency withstand voltage, wet [kV r.m.s.]	28	28	28	28

IEC POST INSULATOR DESIGNATION	C4-95	C6-95	C8-95	C10-95	C12.5-95
Dimensions					
Height H [mm]	255 ± 1	255 ± 1	255 ± 1	255 ± 1	255 ± 1
Top fitting p.c.d. d2 [mm] / hole pattern	76/4x M12	76/4x M12	76/4x M12	76/4x M12	76/4x M12
Bottom fitting p.c.d. d3 [mm] / hole pattern	76/4x M12	76/4x M12	76/4x M12	76/4x M12	76/4x M12
Mechanical Values					
Minimum failing load - Bending [kN]	4	6	8	10	12.5
Minimum failing load - Bending moment underhung [kNm]	0.51	0.77	1.02	1.28	1.6
Minimum failing load - Bending moment upright [kNm]	1.02	1.53	2.04	2.55	3.19
Minimum failing load - Torsion [kNm]	0.8	0.8	1.2	1.2	1.8
Electrical Values					
Lightning impulse withstand voltage, dry [kV peak value]	95	95	95	95	95
Power frequency withstand voltage, wet [kV r.m.s.]	38	38	38	38	38

