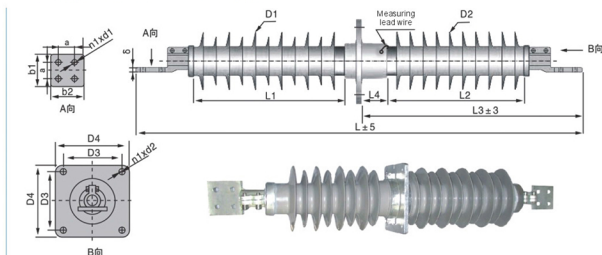


Outdoor High-voltage Composite Insulator

FCGW Series Through Wall Bushing

FCGW Through Wall Bushing



• Main performance

Technical standards	GB/T 4109-2008 IEC 60137 Ed.60	
Rated voltage	24kV	40.5kV
Rated current	630-315A	
1min power frequency dry voltage withstand	50kV	95kV
Full-wave impulse withstand voltage of lightning	125kV	200kV
Under 1.05 times of maximum phase voltage $\tan \delta$	< 0.004	
Partial discharge under the rated voltage	< 10pC	
Bending resistant test load	1000-3000N	1600-3150N
Minimum nominal creepage distance	31mm/kV	

• Main technical parameters

Type	Main dimension (mm)	Total length of casing	Outdoor				Indoor				Wiring terminal				Flange				Casing weight
			Insulation distance	Nominal creepage distance	Maximum umbrella diameter	Insulation distance	Length of indoor	Length of ground part	Maximum umbrella diameter	Nominal creepage distance	Hole number and diameter	Hole distance	Panel surface	Panel thickness	Outer diameter of flange plate	Center distance of installation hole	Hole number and diameter		
		L	L1	S	D1	L2	L3	L4	S	D2	n1x1	a	b1xb1	δ	4	3	n1xn1	kg	
FCGW-24/630-800	930	295	745	155	255	440	40	640	155	4x14	30	63x63	11	250x250	200x200	4x15	18		
FCGW-24/1000	960	295	745	155	255	455	40	640	155	4x14	40	80x80	12	250x250	200x200	4x15	19		
FCGW-24/1250	1000	295	745	155	255	475	40	640	155	4x18	40	100x100	13	250x250	200x200	4x15	20		
FCGW-24/1600	1040	295	745	155	255	495	40	640	155	4x18	40	100x100	16	250x250	200x200	4x15	22		
FCGW-24/2000	1040	295	745	155	255	495	40	640	155	4x18	50	100x100	16	250x250	200x200	4x15	29		
FCGW-24/2500	1040	295	745	155	255	495	40	640	155	4x18	50	100x100	20	250x250	200x200	4x15	33		
FCGW-24/3150	1130	295	745	155	255	540	40	640	155	4x18	60	125x125	20	250x250	200x200	4x15	35		
FCGW-40.5/630-800	1240	450	1310	185	410	595	40	1055	155	4x14	30	63x63	11	250x250	200x200	4x15	22		
FCGW-40.5/1000	1270	450	1310	185	410	610	40	1055	155	4x14	40	80x80	12	250x250	200x200	4x15	23		
FCGW-40.5/1250	1310	450	1310	185	410	630	40	1055	155	4x18	50	100x100	13	250x250	200x200	4x15	24		
FCGW-40.5/1600	1350	450	1310	185	410	650	40	1055	155	4x18	50	100x100	16	250x250	200x200	4x15	31		
FCGW-40.5/2000	1350	450	1310	185	410	650	40	1055	155	4x18	50	100x100	16	250x250	200x200	4x15	32		
FCGW-40.5/2500	1330	450	1310	185	400	640	40	1055	165	4x18	50	100x100	20	250x250	200x200	4x15	43		
FCGW-40.5/3150	1420	450	1310	185	400	685	40	1055	165	4x18	60	125x125	20	250x250	200x200	4x15	46		

Note: the overall dimension of product in this Table is recommended; all dimensions may be designed according to the users' requirements. Only one kind of CT length is listed in this Table CT length may be the users according to the requirements of the products. Relevant dimension may variation as requested.