



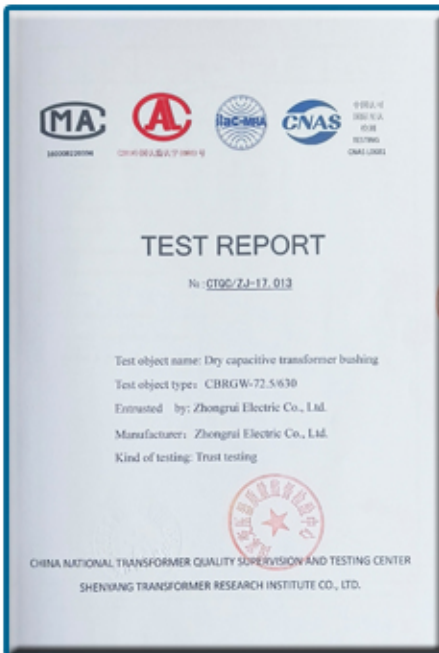
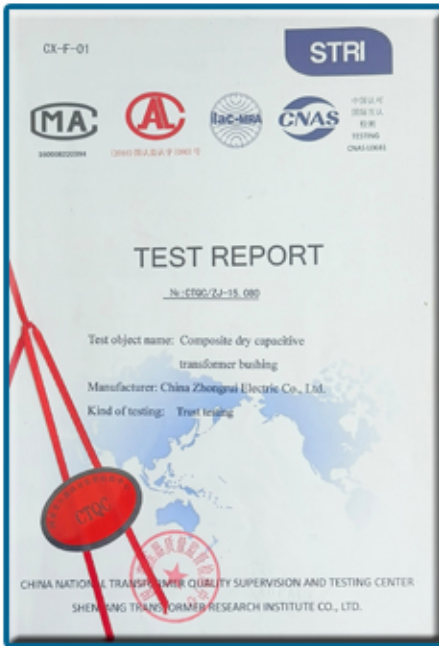
Wall Bushing And Transformer Bushing Catalogue

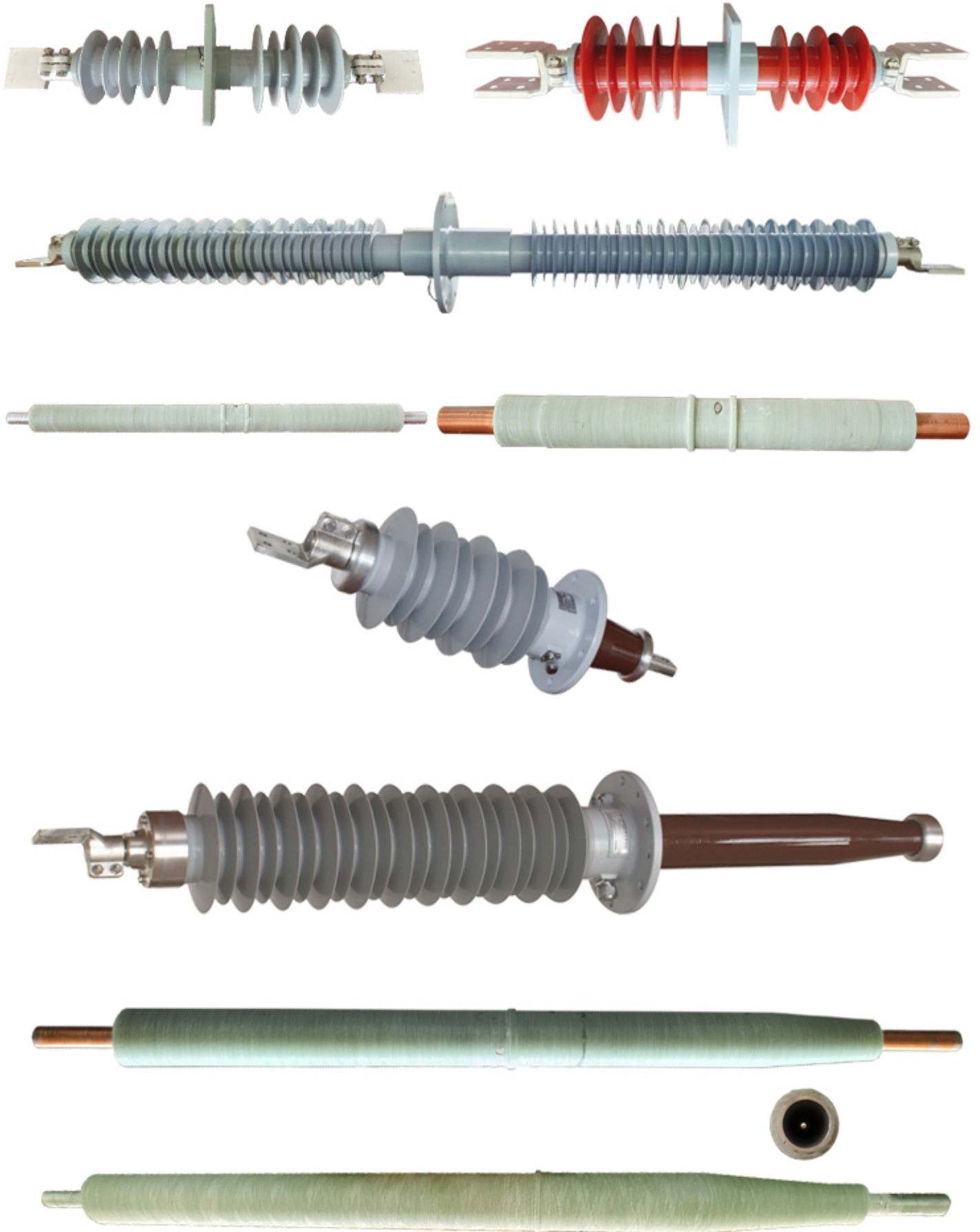
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Technical requirements

Model	Rated voltage (kV)	Rated current (A)	Partial discharge (PC)	tgδ (%)	Power frequency withstand voltage (kV)	Lightning impulse withstand voltage (kV)	Cantilever load test (N)
FCRGW-24 630~1600A	24	630~1600	less 10	less 0.7	50	125	1000
FCRGW-24 2000A	24	2000	less 10	less 0.7	50	125	1000
FCRGW-24 2500~3150A	24	2500~3150	less 10	less 0.7	50	125	3150
FCRGW-24 4000A	24	4000	less 10	less 0.7	50	125	3150
FCRGW-40.5 630~1600A	35~40.5	630~1600	less 10	less 0.7	95	200	1250
FCRGW-40.5 2000A	35~40.5	2000	less 10	less 0.7	95	200	1250
FCRGW-40.5 2500~3150A	35~40.5	2500~3150	less 10	less 0.7	95	200	2000
FCRGW-72.5 630~2500A	66~72.5	630~2500	less 10	less 0.7	140	325	2000
FCRGW-126 630~2500A	88~126	630~2500	less 10	less 0.7	230	550	3150

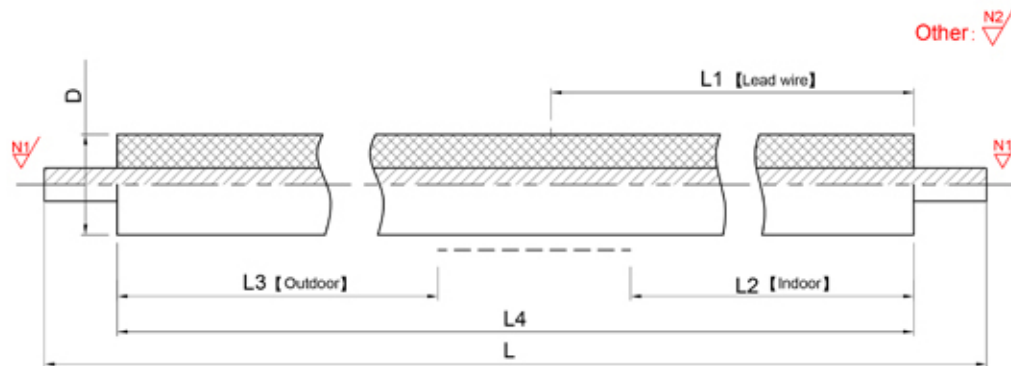
Model	Outdoor			Indoor			Flange hole spacing (mm)
	Creepage distance(mm)	Insulation distance(mm)	Flag hole spacing (mm)	Creepage distance(mm)	Insulation distance(mm)	Flag hole spacing (mm)	
FCRGW-24 630~1600A	750	250	40	570	235	40	200
FCRGW-24 2000A	750	250	50	570	235	50	200
FCRGW-24 2500~3150A	750	250	50	570	235	50	200
FCRGW-24 4000A	750	250	50	570	235	50	200
FCRGW-40.5 630~1600A	1240	440	40	790	365	40	200
FCRGW-40.5 2000A	1240	440	50	790	365	50	200
FCRGW-40.5 2500~3150A	1260	440	50	805	365	50	200
FCRGW-72.5 630~2500A	2350	735	40 (50)	2350	735	40 (50)	350
FCRGW-126 630~2500A	3200	1115	40 (50)	3200	1105	40 (50)	350



1250~4000A



630A



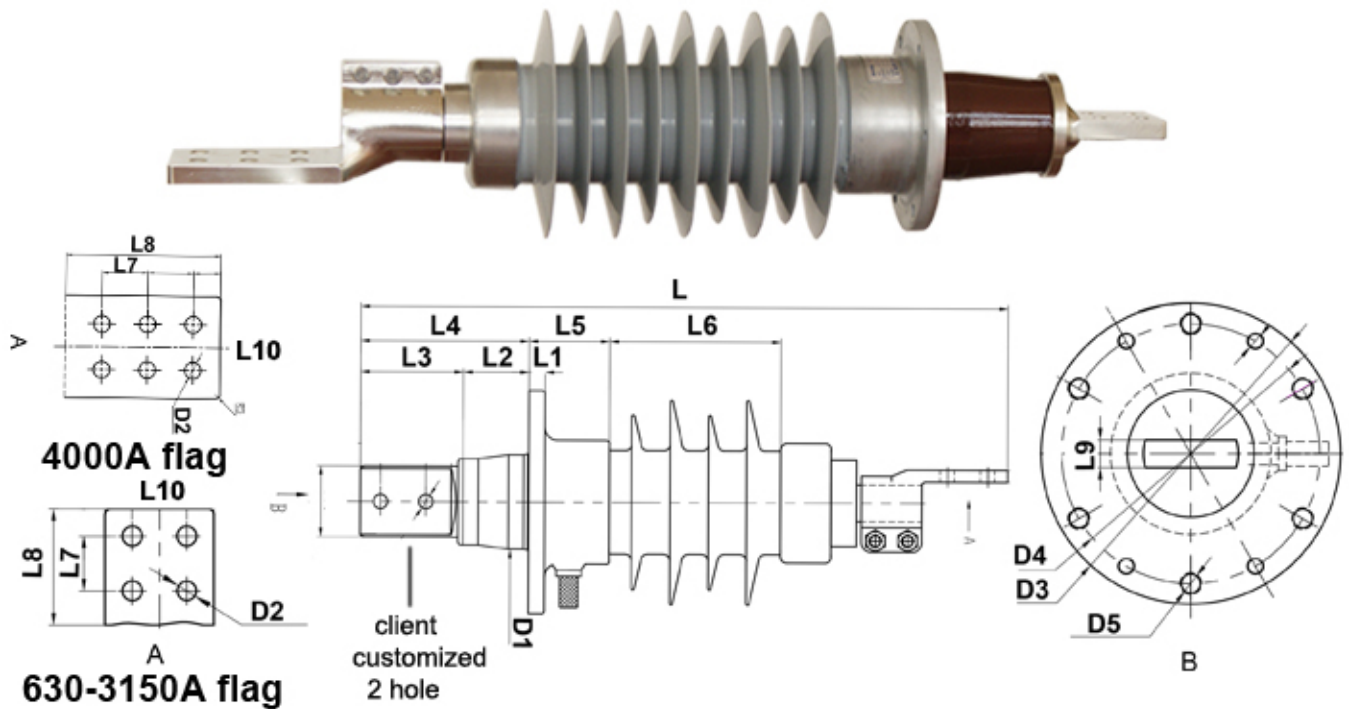
Technical parameter

1. Material: glass fiber and AL(630) and copper(T3)(1250~4000A)
2. Tangent of dielectric loss :less 0.7%
3. Partial discharge: less 10 PC
4. Wall bushing standard: IEC60137

Core body size

Model	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	N1 (mm)	N2 (mm)	D (mm)
FCRGW-24 630~2000A	732	275	255	270	600	1.6	3.2	Φ65
FCRGW-24 2500~3150A	772	281	256	269	600	1.6	3.2	Φ75
FCRGW-24 4000A	806	281	256	269	600	1.6	3.2	Φ85
FCRGW-40.5 630~2000A	1052	405	385	460	920	1.6	3.2	Φ70
FCRGW-40.5 2500~3150A	1092	410	385	460	920	1.6	3.2	Φ80
FCRGW-40.5 4000A	1088	410	385	460	920	1.6	3.2	Φ86
FCRGW-72.5 630~2500A	2002	830	760	760	1870	1.6	3.2	Φ100
FCRGW-126 630~2500A	2802	1227	1134	1144	2628	1.6	3.2	Φ120

Wall bushing core body



Current Carrying Type

Technical requirements

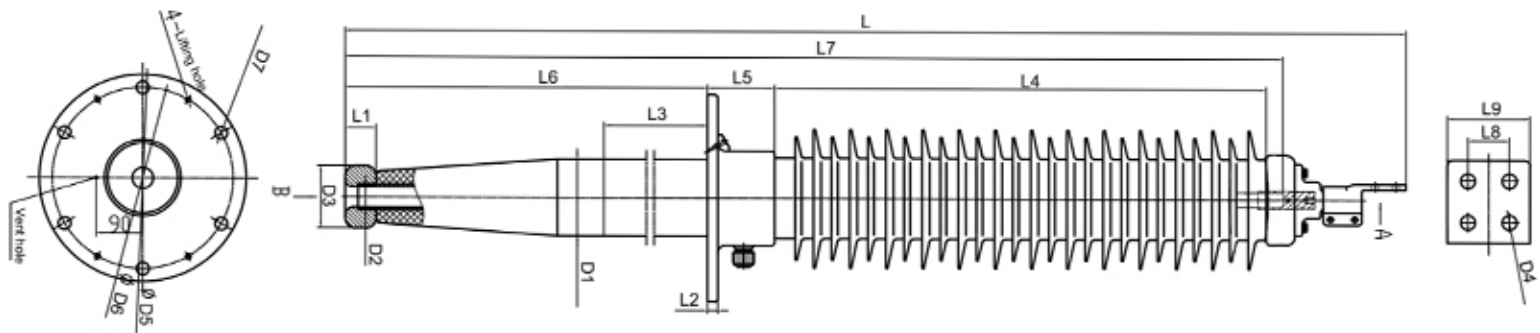
72.5 and 110kv is customized product

Model	Rated voltage (kV)	Rated current (A)	Partial discharge (PC)	tgδ (%)	Power frequency withstand voltage (kV)	Lightning impulse withstand voltage (kV)	Cantilever load test (N)
FBRGW-12 630-4000A	12	630-4000	less 10	less 0.5%	30	75	2000
FBRGW-24 630-4000A	24	630-4000	less 10	less 0.5%	50	125	2000
FBRGW-40.5 630-4000A	40.5	630-4000	less 10	less 0.5%	95	200	2000

Model	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4	D5
FBRGW-12 630-1600A	642±15	16	65	102	167±10	80	170±10	40	85	20	80	Φ93	Φ14	Φ220	Φ190	Φ14
FBRGW-12 2000A	642±15	16	65	102	167±10	80	170±10	50	105	20	100	Φ93	Φ14	Φ220	Φ190	Φ14
FBRGW-12 4000A	815±15	/	/	/	210±10	80	175±10	50	170	/	112	Φ115	Φ18	Φ264	Φ228	Φ16.8
FBRGW-24 630-1600A	643±15	/	120	48	168±10	70	295±10	40	85	/	80	Φ80	Φ14	Φ285	Φ240	Φ14
FBRGW-24 2000A	643±15	/	120	48	168±10	70	295±10	50	105	/	100	Φ80	Φ14	Φ285	Φ240	Φ14
FBRGW-24 4000A	997±15	/	120	120	240±10	80	330±10	50	170	20	112	Φ115	Φ18	Φ220	Φ190	Φ14
FBRGW-40.5 630-1600A	985±15	16	150	95	245±10	80	450±10	40	85	20	80	Φ93	Φ14	Φ220	Φ190	Φ14
FBRGW-40.5 2000A	985±15	16	150	95	245±10	80	450±10	50	105	20	100	Φ93	Φ14	Φ220	Φ190	Φ14
FBRGW-40.5 4000A	1237±15	/	210	90	330±10	80	480±10	50	170	20	112	Φ115	Φ18	Φ220	Φ190	Φ14

Remark:we can supply the OEM and ODM serivc(The product body,flag size can according to client require)!

Transformer bushing



Draw Lead Type

Technical requirements

Model	Rated voltage (kV)	Rated current (A)	Partial discharge (PC)	$\text{tg}\delta$ (%)	Power frequency withstand voltage (kV)	Lightning impulse withstand voltage (kV)	Cantilever load test (N)
FBRGW-12 630-2000A	12	630-2000	less 10	less 0.5%	30	75	1000
FBRGW-24 630-2000A	24	630-2000	less 10	less 0.5%	50	125	1000
FBRGW-40.5 630-2000A	40.5	630-2000	less 10	less 0.5%	95	200	1600
FBRGW-72.5 630-2000A	72.5	630-2000	less 10	less 0.5%	155	325	2000
FBRGW-110 630-2000A	110	630-2000	less 10	less 0.5%	255	550	3150

Model	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	D1	D2	D3	D4	D5	D6	D7
FBRGW-12 630-2000A	690±15	/	/	/	210±10	80	150±10	461	40	80	Φ80.5	Φ40	Φ99	Φ14	Φ190	Φ160	Φ14
FBRGW-24 630-2000A	822±15	/	/	/	282±10	80	210±10	593	40	80	Φ80.5	Φ40	Φ99	Φ14	Φ190	Φ160	Φ14
FBRGW-40.5 630-2000A	1088±15	/	/	/	498±10	80	260±10	859	40	80	Φ93	Φ40	Φ109	Φ14	Φ220	Φ190	Φ14
FBRGW-72.5 630-2000A	1900±15	60	20	400CT	740±10	120	790±10	1711	40	80	Φ116	Φ40	Φ110	Φ14	Φ290	Φ250	Φ18
FBRGW-110 630-2000A	2600±15	60	20	400CT	1310±10	130	900±10	2180	40	80	Φ148	Φ40	Φ120	Φ14	Φ400	Φ350	Φ24

Remark: we can supply the OEM and ODM service (The product body, flag size can according to client require)!