

不断创新，技术始终领先
精心制作，力求件件精品
持续改进，质量稳定可靠
优质服务，保证用户满意

Technical leadership through continuous innovation

Excellent products through fine workmanship

Stable and reliable quality through persistent improvement

Assurance of consumer satisfaction through high-quality service



南京赛西柯电气有限公司
CECEC NANJING ELECTRIC CO., LTD.

Name: CECEC Nanjing Electric Co., Ltd.
Add: D Wing, 12/F Bayue Mansion No 2 Tai Ping Nan Lu, Nanjing 210002, P.R. China
Tel: +86 25 8467 9730, 8467 9327
Fax: +86 25 8467 9730
Email: _____@transmission-line.cn
Website: www.transmission-line.cn



ISO 9001:2000

BRAND: **Zhida**

油纸电容式套管
OIP CONDENSER BUSHING



南京赛西柯电气有限公司
CECEC NANJING ELECTRIC CO., LTD.

Products Characteristics and Assort Companies

1.Bushing Current Transformer

CECEC Nanjing Electric Co.Ltd's Nanjing Factory is the largest professional factory in China producing the bushing current transformer with a market share of over 70%, we are the fixed supplier of most domestic joint-venture transformer enterprises and GIS enterprises. Besides, we also export our products to a dozen of countries and areas, such as Toshiba Japan, Mitsubishi, ABB vietnam,ABB Spain, ABB America, Areva etc. We use self-developen software and CAD program to design, and have developed the equipment of measuring the residual magnetic factor The 500KV TPY CT of various of specification, has passed the transient performance test of China High-voltage Electric Equipment Quality Inspection& Test Center.

2.40.5KV and Below Flange Type Transformer Bushing Without Partial Discharge

The patent products, 40.5 and below flange type transformer bushing without partial discharge, is by now the unique product in China which uses pure porcelain structure and whose partial discharge is less than 10PC Its unique semi-conductor glazing technology, dual-layer hermetically sealed construction, partial discharge test and seal test equipment made its quality more and more excellent. Our products have become the designated fittings and fixed models for many famous companies such as Toshiba Changzhou and ABB China etc. Almost 100 percent of the low-voltage bushing that all the domestic joint-venture transformer enterprises purchase are made by us. The domestic transformer enterprises of large scale are purchasing more of our products, such as China Xian Electric Group. We have established steady business relationship with over 80 customers.

3.Oil Impregnated Paper Condenser Bushing

In 2003 the company invest 20 million Yuan and built a large-scale, well equipped oil impregnated paper condenser bushing production line, with a production capacity of bushing above 110KV is more than 6000PCS per year.

The environment, facility and the test condition of the production line are of state level in China. After series technical improvements, the overall technical performance data of our bushing is in the lead in China on which we have gained several patents. By now the high-voltage bushing has passed the test of some famous joint ventures, such as Toshiba ABB Siemens, VATECH Elin and Shanghai AREV etc. Our company has been the qualified supplier of the above mentioned enterprises and exported to Japan,Indonesia India and Australia etc.

Main Products

- Current transformer used in GIS and GCB
- Epoxy casting current transformer
- Current transformer used in transformer
- 40.5KV and Below Flange Type Transformer Bushing Without Partial Discharge
- Oil Impregnated Paper Condenser Bushing
- Dry equi-potential porcelain post insulator
- Copper and Aluminum casting and fabrication
- Epoxy casting secondary patch board for mutual-inductor use
- Disconnecter for neutral spot of transformer arc horn ,zero sequence CT
- Set of high-voltage test equipment ,filter in partial discharge testing



一厂区(占地20亩, 约1 3万m²)
Factory One(13000m²)

主要产品

电流互感器
252kV及以下油纸电容式高压套管
40 5kV及以下纯瓷套管

Main Products:

Current Transformer
OIP condenser bushing of 252kV and below
40 5kV and below pure porcelain bushing



二厂区(占地35亩, 约2 33万m²)
Factory Two(23300m²)

主要产品

有色金属铸造及加工(黄铜 紫铜 纯铝、铝合金)

Main Products:

Nonferrous metals casting and fabrication
(Brass, Copper, Pure Aluminum,
Alloy Aluminum)



二厂区(在建, 占地70亩, 约4 67万m²)
Factory Three (under construction, 46700m²)

主要产品

高压电瓷
电流互感器
550kV及以上超高压套管
高压电器

Main Products:

High voltage porcelains
Current transformer
550kV and above super high voltage bushing
High voltage electrics

厂房布置 Layout:

- ① 办公楼 Office building
- ② 机加工车间 Machining plant
- ③ 高压电瓷厂房 High voltage porcelains workshop
- ④ 互感器厂房 Current transformer workshop
- ⑤ 超高压套管厂房 550kV and above super high voltage bushing workshop
- ⑥ 高压电器厂房 High voltage electrics workshop



宽敞明亮的高压套管厂房
Bright and clean workshop



变压器油处理系统
Oil process system



油性性能分析实验室
Oil performance analysis office



外表全加工的铝合金法兰(专利技术)
Aluminum alloy flanges



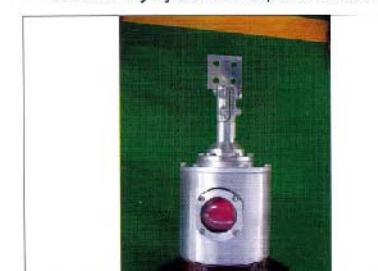
位于二楼的电容芯子卷制区
Winding area of capacitive core



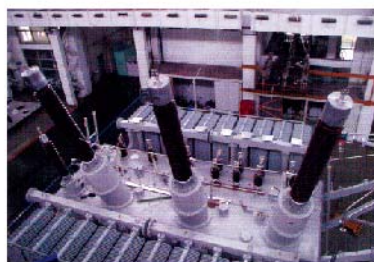
电容芯子真空干燥罐
Vacuum dry can for capacitive core



电容芯子真空干燥控制系统
Vacuum dry system for capacitive core



套管头部结构(专利技术)
Head configuration of bushing



用于ABB变压器的高中低压套管
Bushings of different voltages for ABB



出口美国52kV/400A灰釉套管
52kV/400A grey glazed bushing exported to America



运行中的CRW-126/630-4型穿墙套管
Wall bushing in operation



252kV套管极限抗弯实验
Limit cantilever withstand strength test



出口印度AREVA245kV和145kV套管
Bushing of 245kV & 145kV exported to India



出口孟加拉230只38kV/400A油纸套管
230pcs OIP bushing exported to Bangladesh



高中低压套管在沈阳随220kV变压器做突发短路试验
Bushings of 220kV transformer in sudden short circuit test



252kV/3150A套管在温升实验
Bushing 252kV/3150A in heat run test

72.5kV/630~1250A 油纸电容式变压器套管(穿缆系列) 72.5kV/630~1250A OIP CONDENSER TRANSFORMER BUSHING(DRAW LEAD)

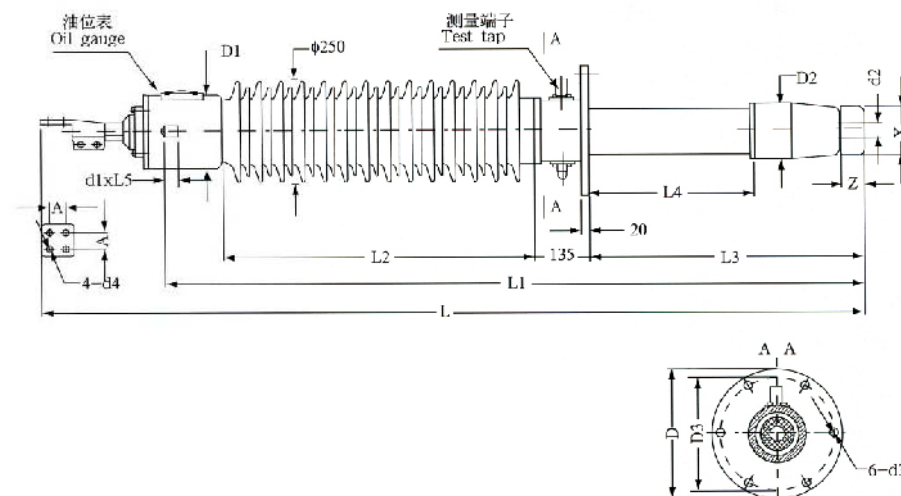


表1
Table 1

代号 Code	型号 Type	额定电压	额定电流	主要尺寸																	爬电距离 Creepage Distance	重量 Mass kg
		Rated Voltage	Rated Current	Main Dimensions (mm)																		
		kV	A	L	L1	L2	L3	L4	L5	D1	D2	D3	D	d1	d2	d3	d4	A	Z	X		
BR4134A	BRDLW-72.5/630-3	72.5	630	1955	1650	700	670	400	35	180	133	780	370	18	35	18	14	40	60	120	1900	88
BR4144A	BRDLW-72.5/630-4	72.5	630	2010	1705	755	670	400	35	180	138	280	320	28	35	18	14	40	60	120	2250	92
BR4135A	BRDLW-72.5/630-3	72.5	630	2055	1750	700	770	500	35	180	133	280	320	28	35	18	14	40	60	120	1900	88
BR4145A	BRDLW-72.5/630-4	72.5	630	2110	1805	755	770	500	35	180	138	280	370	28	35	18	14	40	60	120	2250	96
BR4143A	BRDLW-72.5/630-4	72.5	630	1910	1605	755	570	300	35	180	138	280	320	28	35	18	14	40	60	120	2250	88
BR4132A	BRDLW-72.5/630-3	72.5	630	1820	1615	700	535	265	35	180	133	280	320	28	35	18	14	40	60	120	1900	81
BR4142A	BRDLW-72.5/630-4	72.5	630	1875	1570	755	535	265	35	180	138	280	320	28	35	18	14	40	60	120	2250	87
BR4130A	BRDW-72.5/630-3	72.5	630	1585	1280	700	300	30	35	180	128	280	320	28	35	18	14	40	60	120	1900	75
BR4140A	BRDW-72.5/630-4	72.5	630	1640	1335	755	300	30	35	180	138	280	320	28	35	18	14	40	60	120	2250	80
BR4154A	BRDLW-72.5/630-4	72.5	630	2105	1800	850	670	400	35	180	138	280	320	28	35	18	14	40	60	120	2610	98
BR4234A	BRLW-72.5/1250-3	72.5	1250	2100	1805	700	800	450	40	200	160	350	350	36	48	24	18	50	100	145	1900	109
BR4244A	BRLW-72.5/1250-4	72.5	1250	2155	1860	755	800	450	40	200	160	350	350	36	48	24	18	50	100	145	2250	118
BR4235A	BRLW-72.5/1250-3	72.5	1250	2100	1705	700	800	500	40	200	160	350	350	36	48	24	18	50	60	140	1900	106
BR4245A	BRLW-72.5/1250-4	72.5	1250	2155	1860	755	800	500	40	200	160	350	350	36	48	24	18	50	60	140	2250	114

126kV/630A 油纸电容式变压器套管(穿缆系列)
126kV/630A OIP CONDENSER TRANSFORMER BUSHING(DRAW LEAD)

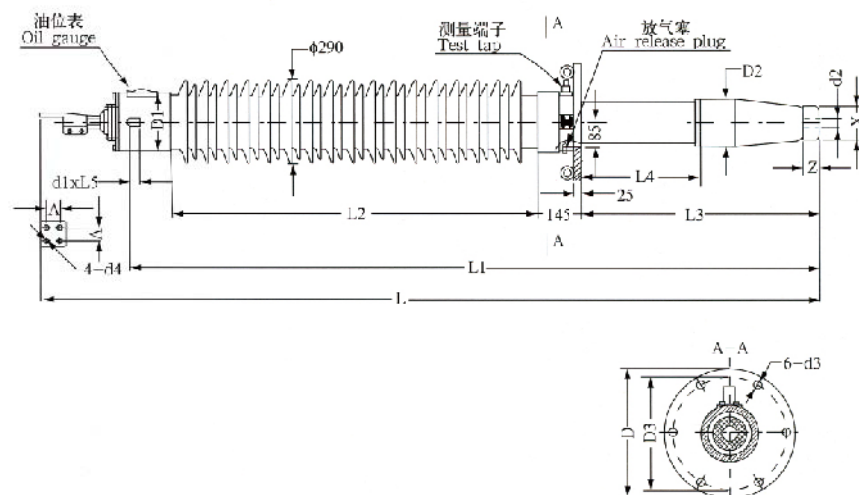


表2
Table 2

代号 Code	型号 Type	额定电压 Rated Voltage	额定电流 Rated Current	主要尺寸 Main Dimensions (mm)														爬电距离 Creepage Distance	重量 Mass kg			
				L	L1	L2	L3	L4	L5	D1	D2	D3	d1	d2	d3	d4	A			Z	X	
BR5134	BRDLW-126/630-3	126	630	2510	2265	1165	810	400	35	200	160	350	400	28	35	24	14	40	60	120	3150	147
BR5144	BRDLW-126/630-4	126	630	2690	2355	1250	810	400	35	200	160	350	400	28	35	24	14	40	60	120	3906	153
BR5130	BRDLW-126/630-3	126	630	2130	1815	1165	450	40	35	200	160	350	400	28	35	24	14	40	60	120	3150	129
BR5140	BRDLW-126/630-4	126	630	2300	1995	1250	450	40	35	200	160	350	400	28	35	24	14	40	60	120	3906	141
BR5135D	BRDLW-126/630-3	126	630	2690	2355	1165	960	550	35	200	160	350	400	28	35	21	14	40	60	120	3150	156
BR5135B	BRDLW-126/630-3	126	630	2810	2505	1250	960	550	35	200	160	350	400	28	35	21	14	40	60	120	3906	165
BR5144B	BRDLW-126/630-4	126	630	2710	2405	1250	860	550	35	200	160	350	400	28	35	24	14	40	60	120	3906	160
BR5143	BRDLW-126/630-4	126	630	2530	2225	1250	710	300	35	200	160	350	400	28	35	21	14	40	60	120	3906	155
BR5143	BRDLW-126/630-4	126	630	2790	2455	1250	710	300	35	200	160	350	400	28	35	24	14	40	60	120	3906	162
BR5135A	BRDLW-126/630-3	126	630	2575	2570	1160	175	565	35	200	160	350	400	28	35	24	14	40	110	120	3150	156
BR5135A	BRDLW-126/630-4	126	630	3025	2720	1250	175	565	35	200	160	350	400	28	35	21	14	30	110	120	3906	172
BR5130A	BRDLW-126/630-3	126	630	2380	2075	1160	678	70	35	200	160	350	400	28	35	24	14	50	110	120	3150	136
BR5140A	BRDLW-126/630-4	126	630	2530	2225	1250	678	70	35	200	160	350	400	28	35	24	14	50	110	120	3906	149

126kV/1250A 油纸电容式变压器套管(穿缆系列)
126kV/1250A OIP CONDENSER TRANSFORMER BUSHING(DRAW LEAD)

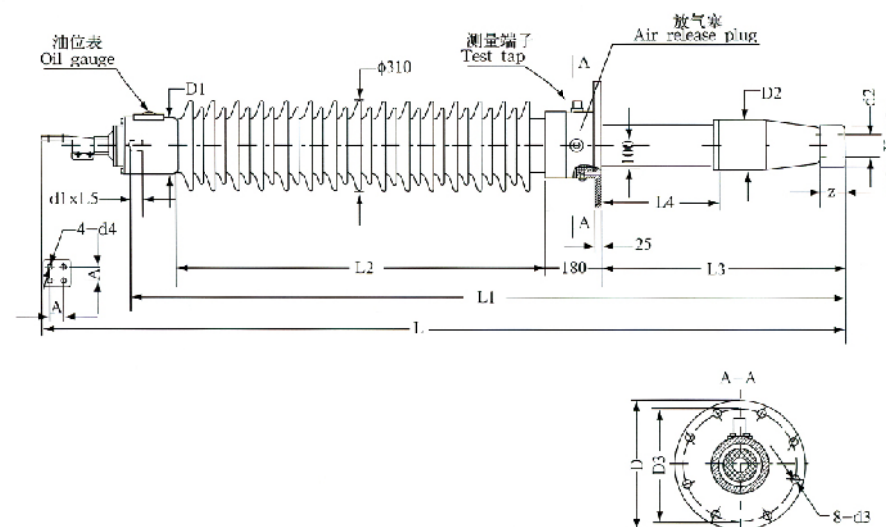


表3
Table 3

代号 Code	型号 Type	额定电压 Rated Voltage kV	额定电流 Rated Current A	主要尺寸 Main Dimensions (mm)																	爬电距离 Creepage Distance	重量 Mass kg
				L	L1	L2	L3	L4	L5	D1	D2	D3	D	d1	d2	d3	d4	A	Z	X		
BR5234A	BRDLW-126/1250-3	126	1250	2580	2285	1100	840	400	40	200	180	400	450	36	48	24	18	50	90	140	3150	170
BR5244A	BRDLW-126/1250-4	126	1250	2730	2435	1250	840	400	40	200	180	400	450	36	48	24	18	50	90	140	3906	191
BR5233A	BRDLW-126/1250-3	126	1250	2730	2435	1100	990	550	40	200	180	400	450	36	48	24	18	50	90	140	3150	185
BR5243A	BRDLW-126/1250-4	126	1250	2880	2585	1250	990	550	40	200	180	400	450	36	48	24	18	50	90	140	3906	205
BR5243A	BRDLW-126/1250-4	126	1250	2630	2335	1250	740	300	40	200	180	400	450	36	48	24	18	50	90	140	3906	188

252kV/630~1250A 油纸电容式变压器套管(穿缆系列)
252kV/630~1250A OIP CONDENSER TRANSFORMER BUSHING(DRAW LEAD)

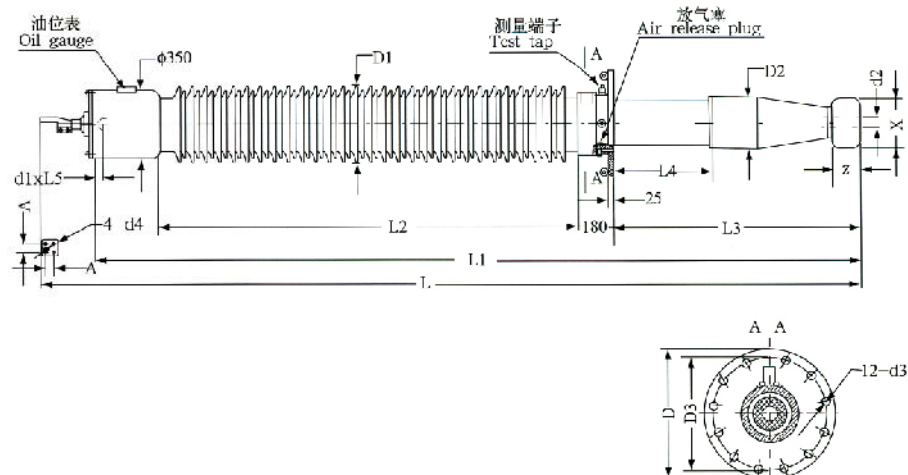
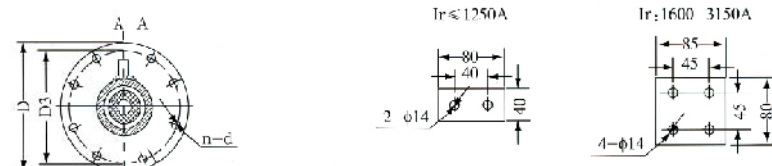
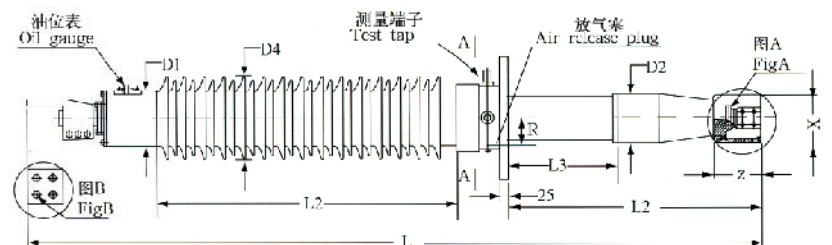


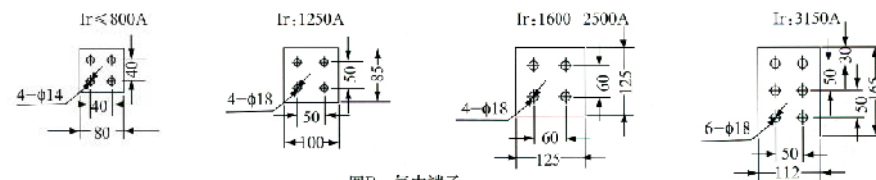
表4
Table 4

代号 Code	型号 Type	额定电压 Rated Voltage	额定电流 Rated Current	主要尺寸 Main Dimensions (mm)																爬电距离 Creepage Distance	重量 Mass kg
				L	L1	L2	L3	L4	L5	D1	D2	D3	d1	d2	d3	d4	A	Z	X		
BR6154A	BRLW 252/630-3	252	630	4270	3900	2130	340	500	40	300	265	500	550	28	48	24	14	40	50260	7000	490
BR6145A	BRLW-252/630-4	252	630	4470	4190	2130	340	500	40	310	265	500	550	28	48	24	14	40	50260	8650	525
BR6155	BR11W-252/630-3	252	630	4190	3910	2130	260	500	40	300	265	500	540	28	48	24	11	40	50260	7000	470
DR6145	BRDLW 252/630-4	252	630	4390	4110	2330	260	500	40	310	265	500	550	28	48	24	14	40	50260	8650	500
HR6174A	BRLW-252/630-3	252	630	5005	4530	2130	880	700	40	300	265	500	550	28	48	24	14	40	50240	7000	535
BR6235A	BRLW-252/1250-3	252	1250	4295	3900	2130	340	500	40	300	265	500	540	36	48	24	18	50	50260	7000	490
BR6245A	BRLW-252/1250-4	252	1250	4485	4190	2330	340	500	40	310	265	500	550	36	48	24	18	50	50260	8650	525
HR6235	BR11W-252/1250-3	252	1250	4215	3910	2130	260	500	40	300	265	500	530	36	48	24	18	50	50260	7000	470
EE6245	BRDLW-252/1250-4	252	1250	4415	4110	2330	260	500	40	310	265	500	540	36	48	24	18	50	50260	8650	505
BR6135A	BRLW-252/630-3	252	630	4070	3790	2130	340	500	40	300	265	500	550	28	48	24	14	40	50260	7000	465

油纸电容式变压器套管(导杆载流系列)
OIP CONDENSER TRANSFORMER BUSHING(BOTTOM CONNECTION)



图A 油中接线端子
FigA Oil End Terminal



图B 气中端子
Fig3 Outer Terminal

表5
Table 5

代号 Code	型号 Type	额定电压	额定电流	主要尺寸 Main Dimensions (mm)																爬电距离 Creepage Distance	重量 Mass kg
		kV	A	L	Li	L2	L3	H	R	D1	D2	D3	D4	n	d	Z	X				
BR4343	BRDLW-72.5/2000-4	72.5	2000	2150	700	735	300	25	55	200	160	350	400	250	6	24	200	180	2250	128	
BR1443b	BRDLW-72.5/2500-4	72.5	2500	2150	700	735	300	25	55	200	160	350	400	250	6	24	200	180	2250	140	
BR4443	BRDLW-72.5/3150-4	72.5	3150	2185	700	735	300	25	55	200	160	350	400	250	6	24	200	180	2230	152	
HR5340	BRDLW-126/2000-4	126	2000	2530	1250	585	400	25	100	250	180	400	450	310	8	24	200	180	3060	169	
HR5341	BRDLW-126/2000-4	126	2000	2800	1250	585	400	25	100	250	180	400	450	310	8	24	200	180	3906	215	
BR5448	BRDLW-126/2500-4	126	2500	2800	1250	585	400	25	100	250	180	400	450	310	8	24	200	180	3906	232	
HR5432	BRDLW-126/3150-4	126	3150	2825	1250	585	400	25	100	250	180	400	450	310	8	24	200	180	7000	232	
BR6433	BRDLW-252/2000-3	252	2000	4115	2130	1460	500	25	130	330	265	550	550	390	12	24	265	265	7000	575	
BZ6335	BRDLW-252/2500-3	252	2500	4415	2130	1460	500	25	130	350	265	550	550	390	12	24	265	265	7000	604	
HR6432	BRDLW-252/3150-3	252	3150	4450	2130	1460	500	25	130	350	265	550	550	390	12	24	265	265	7000	604	

油纸电容式变压器套管 (出口系列) OIP CONDENSER TRANSFORMER BUSHING FOR EXPORT

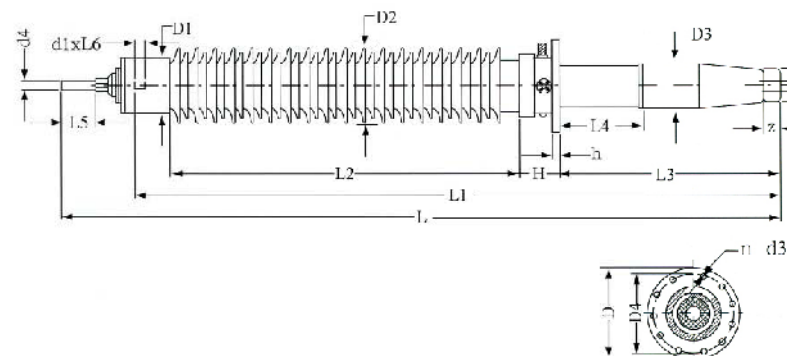


表6
Table 6

型号 Type	额定电压 Rated Voltage kV	额定电流 Rated Current A	主要尺寸 Main Dimensions (mm)																				爬电距离 Creepage Distance	重量 Mass kg	
			L	L1	L2	L3	L4	L5	L6	D1	D2	D3	D4	D	d1	d2	d3	d4	n	h	Z	X			
325-72.5-A1	72.5	800	1800	1330	700	370	100	125	35	180	250	115	185	225	28	35	15	30	6	115	25	50	110	1500	77
325-72.5-A3	72.5	800	1800	1530	700	370	300	125	35	180	250	115	185	225	28	35	15	30	6	115	25	50	110	1500	82
325-72.5-A6	145	800	2100	1830	700	370	600	125	35	180	250	115	185	225	28	35	15	30	6	115	25	50	110	1500	90
590-145-A1	145	800	2415	2145	1250	600	100	125	35	200	290	165	290	335	28	35	15	30	12	145	25	50	120	3505	137
590-145-A3	145	800	2615	2345	1250	600	300	125	35	200	290	165	290	335	28	35	15	30	12	145	25	50	120	3505	145
590-145-A6	145	800	2915	2645	1250	1100	600	125	35	200	290	165	290	335	28	35	15	30	12	145	25	50	120	3505	158
650-145-A1	145	1250	2415	2145	1250	600	100	125	40	200	290	165	290	335	28	48	15	60	12	145	25	50	140	3505	152
650-145-A3	145	1250	2615	2345	1250	600	300	125	40	200	290	165	290	335	28	48	15	60	12	145	25	50	140	3505	165
650-145-A6	145	1250	2915	2665	1250	1100	600	125	40	200	290	165	290	335	28	48	15	60	12	145	25	50	140	3505	189
1050-245-A1	245	800	3840	3540	2130	940	100	125	40	350	390	265	400	450	28	48	20	30	12	180	25	50	260	7000	435
1050-245-A3	245	800	4040	3740	2130	1440	300	125	40	350	390	265	400	450	28	48	20	30	12	180	25	50	260	7000	465
1050-245-A6	245	800	4340	4040	2130	1440	600	125	40	350	390	265	400	450	28	48	20	30	12	180	25	50	260	7000	504
1050-245-A1	245	1250	3840	3540	2130	940	100	125	40	350	390	265	400	450	28	48	20	30	12	180	25	50	260	7000	438
1050-245-A3	245	1250	4040	3740	2130	1440	300	125	40	350	390	265	400	450	28	48	20	30	12	180	25	50	260	7000	467
1050-245-A6	245	1250	4340	4040	2130	1440	600	125	40	350	390	265	400	450	28	48	20	30	12	180	25	50	260	7000	509
200-30-A3	30	400	1480	1230	480	105	200	60	35	350	390	265	185	225	28	35	22	30	4	115	25	50	120	1255	51

40.5kV 大电流油纸电容式变压器套管 40.5kV high current OIP CONDENSER TRANSFORMER BUSHING

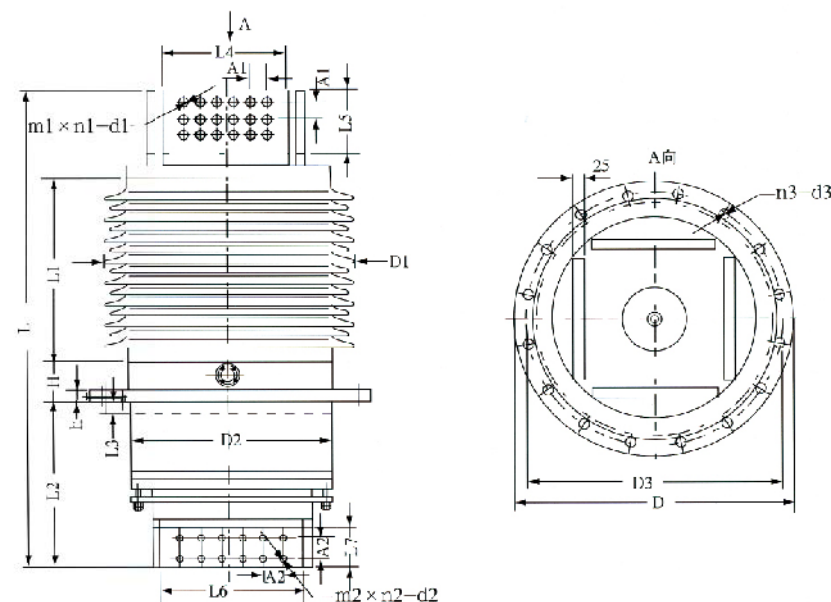


表7 1
Table 7 1

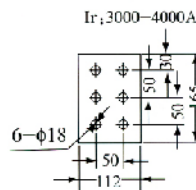
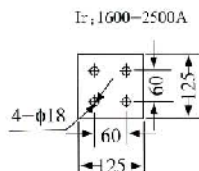
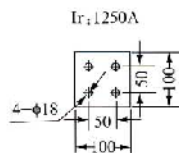
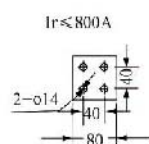
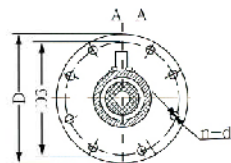
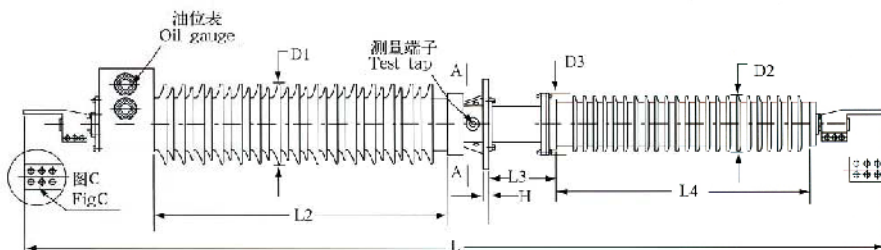
代号 Code	型号 Type	额定电压 Rated Voltage kV	额定电流 Rated Current A	爬电距离 Creepage Distance	抗弯强度 Cantilever Strength	重量 Mass kg
BR3340	BRW-40.5/25000-4	40.5	25000	1300	≥4000N	585
BR3342	DRLW-40.5/25000-4	40.5	25000	1300	≥4000N	630
BR3A40	BRW-40.5-16000-4	40.5	16000	1300	≥4000N	230
BR3A43	BRIW-40.5/16000-4	40.5	16000	1300	≥4000N	265

表7 2
Table 7 2

代号 Code	L	L1	L2	L3	气中接线端子 Outer Terminal				油中接线端子 Oil End Terminal				安装法兰 Flange				D1	D2
					m1	n1	d1	A1	L4	L5	m2	n2	d2	A2	L6	L7		
BR3342	1175	450	410	30	4	18	14	40	300	155	2	12	M12	50	300	100	16	22
BR3340	1345	450	580	200	4	18	14	40	300	155	2	12	M12	50	300	100	16	22
BR3A40	1700	450	430	30	4	12	14	40	235	150	2	6	M12	40	130	120	8	22
BR3A43	1470	450	700	300	4	12	14	40	235	150	2	6	M12	40	130	120	8	22

72.5kV~252kV 油纸电容式穿墙套管

72.5kV~252kV OIP CONDENSER WALL BUSHING



图C 接线端子
Fig C Terminal

表8
Table 8

代号 Code	型号 Type	额定电压	额定电流	主要尺寸											爬电距离		重量		
		Rated Voltage	Rated Current	Main Dimensions (mm)											Creepage Distance				
		kV	A	L	L1	L2	L3	L4	D1	D2	D3	D	D4	n	d	H	户外 Outdoor	户内 Indoor	kg
CR4234	CRLW-72.5/1250-4	72.5	1250	2540	700	1225	400	600	250	230	260	400	350	6	24	25	2250	1160	152
CR4434	CRLW-72.5/2000-4	72.5	2000	2600	700	1300	400	600	250	230	260	400	350	6	24	25	2750	1160	165
CR5132	CRW-126/630-3	126	630	3030	1100	1345	200	950	290	250	260	400	350	6	24	25	3150	1860	215
CR5142	CRW-126/630-1	126	630	3350	1250	1455	200	1100	290	290	260	400	350	6	24	25	3910	3150	234
CR5135	CRW-126/630-3	126	630	3350	1100	1645	500	950	290	250	260	400	350	6	24	25	3150	1860	245
CR5145	CRW-126/630-4	126	630	3630	1250	1755	500	1100	290	290	260	400	350	6	24	25	3910	3150	259
CR5232	CRW-176/1250-3	176	1250	3080	1250	1370	200	950	310	250	280	400	350	6	24	25	3910	3150	245
CR5413	CRL-126/1000	126	3000	3310	950	1585	300	950	250	250	280	450	400	8	24	25	1860	1860	242
CR5444	CRLW-145/4000-3	126	4000	3860	1250	1835	400	1100	310	310	280	450	400	8	24	25	3910	3150	295
LF6143	CRW-252/630-4	252	630	5670	2330	2625	300	2130	410	390	360	550	500	12	24	30	8650	7000	725
CR6243	CRW-252/1250-4	252	1250	5670	2330	2650	300	2130	410	390	360	550	500	12	24	30	8650	7000	755
CR6343	CRW-252/2000-4	252	2000	5820	2330	2705	300	2130	410	390	360	550	500	12	24	30	8650	7000	855

附:

一、南京赛西柯电气油纸电容套管主要性能

表1: 电气性能

系统标称电压	Un	(kV)	35	66	110	132	150	220
额定电压	Ur	(kV)	40.5	72.5	126	145	170	252
60s工频耐压	干	kV	95	147	230	275	325	460
	湿	kV	80	140	230	275	325	460
雷电冲击耐受电压 截波	全波	kV (peak)	200	325	550	650	750	1050
		kV (peak)	—	375	635	750	865	1210
操作冲击耐受电压(干或湿)			—			850		
介质损耗因数	(20℃室温下)最大值		Ur电压下: 0.004					
tan δ	增值		1.05Ur/√3-Ur: 0.0005					
Ur电压下局部放电量			≤5pC					
1.5Ur电压下局部放电量			≤10pC					

表2: 弯曲试验负荷

额定电压 Ur (kV)	弯曲试验负荷(N)			
	额定电流 Ir(A)			
	≤800	800-1600	1600-2500	≥3150
≤52	1250	2000	2000	2500
72.5	1250	1250	4000	4000
126-170	3150	4000	4000	4000
252	4000	5000	5000	5000

表3: 其余性能指标

序号	项 目		性 能 指 标
1	套管能承受表压0.2MPa的密封试验		不渗漏
2	内部耐压试验	耐压值 (kV)	≥ 55
		介质损耗因数tan δ (90℃)	≤0.004
	色谱	微水 (μg/g)	≤ 10
		乙炔 (μL/L)	0
		氢气 (μL/L)	≤30
3	总烃 (μL/L)		≤9
	2kV电压下测量端子对地介质损耗因数tan δ		≤0.02

二、套管型号说明

BRDLW □ 额定电压: kV / □ 额定电流: A - □ (防污等级)

BR—油纸电容式变压器套管 油纸电容式穿墙套管表示为CR

D—表示短尾套管 (现在也称中短尾套管) 无表示中短尾套管

↑—表示可装电流互感器

W—表示防污型, 3表示爬电比距为25mm/kV; 4表示爬电比距为31mm/kV

● 爬电比距=设备公称爬电距离/最高工作电压