

Professional High Voltage Product Manufacturer & Supplier



HISENDO

恒森达电气

HISENDO ELECTRICAL

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PRODUCT CATALOGUE 2017

- Porcelain insulator
- Composite insulator
- Toughened glass insulator
- Fuse cut out
- Lightning arrester
- High-voltage isolate switch
- Iron fittings



COMPANY INTRODUCTION

FuZhou Hisendo Electrical Co., Ltd. is established in July, 2005, head office is located in 13 office, 14 floor, c1 Building, C area of fuzhou wanda plaza Fuzhou china. We are a professional exporter and manufacturer for high, middle and low voltage insulator; cut-out fuse; lighting arrester; iron fittings and other electrical equipments etc.

Our branch factory lie in Baoxin Industrial Zone, Chiyuan Town, Minqing County, P. R. China. We own high standard workshop and wide enough space, and all these facilities create super condition to produce high-quality insulator for us.

We can produce all kinds of high and low voltage porcelain insulator, including 210kN, 160kN and below suspension porcelain disc insulator, fog type disc insulator, pin insulator, line post insulator, insulator for cross arm, strain insulator, spool insulator, shackle insulator under 35kV, and supply other more than 100 kinds of composite and glass insulators.

Our company own strong technical strength in insulator field, and domestic advanced semi-automatic production line, clean gas fuel and world advanced energy-saving oxide flame for firing. Meanwhile, provided with physics & chemistry lab and high voltage electrical lab, and passing the ISO9001:2008, ISO14001:2004, GB/T 28001-2011 quality, environmental, occupational health and safety management system certificate, we have established strict technology and quality control system, which provides strong guarantee of high quality management for company.

We are strict in compliance with the standards of IEC, BS, ANSI, AS, DIN and GB. Under our sales network around the world, our products are exported to Middle-east, Africa, Southeast Asia, Europe, South America, Russia, U.S.A etc.

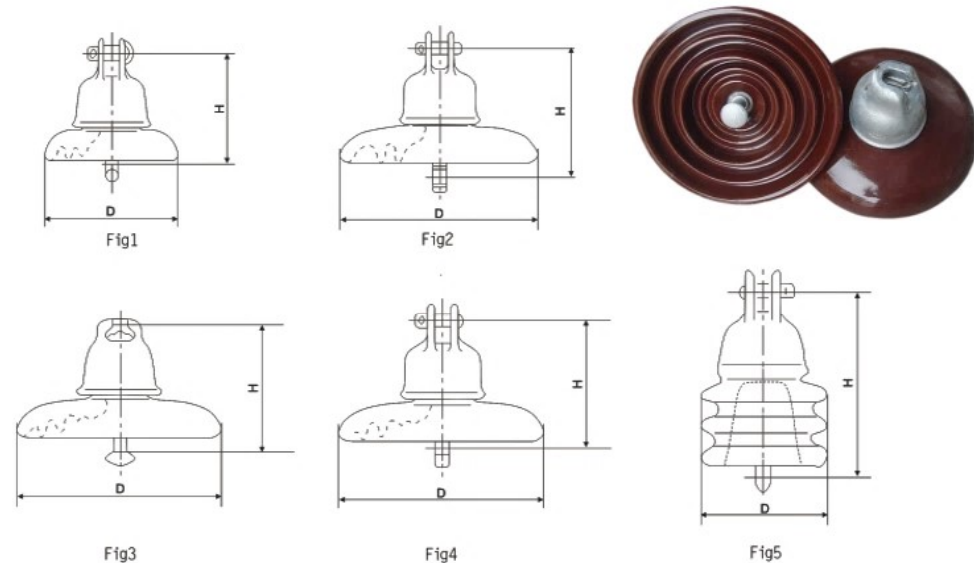
Welcome to visit our company!



高压线路盘形悬式绝缘子

Cap And pin Type Suspension Insulators For High Voltage

Line Post Insulators



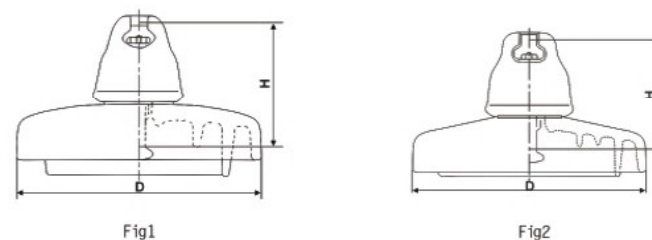
主要性能和尺寸

Main Particulars and Dimensions

美标等级	Class ANSI	52-1	52-2	52-3	52-4	52-5	52-6	52-8	52-9	52-10
图号	Fig.NO	1	2	3	4	3	4	3	5	4
主要尺寸	D	165	190.5	254	254	254	254	254	108	280
	H	140	146	146	146	146	146	146	160	165
爬电距离 Leakage distance/mm		178	210	292	292	292	292	320	171	280
工频击穿电压 Power-frequency puncture Voltage (KV)		80	90	110	110	110	110	110	80	110
平均闪络电压 Average flashover voltage	工频 Power-frequency	干 Dry (KV)	60	65	80	80	80	80	60	80
		湿 Wet (KV)	30	35	50	50	50	50	30	50
	临界冲击 Critical-impulse 15×40us Wave	正极性 Positive (KV)	100	115	125	125	125	125	125	100
		负极性 Negative (KV)	100	115	130	130	130	130	90	130
无线电干扰电压 Radio-influence voltage	对地实验电压 Test voltage to ground (KV)	7.5	7.5	10	10	10	10	10	7.5	10
	1000千赫的最大无线电干扰电压 Maximum RIV at 1000kHz (KV)	50	50	50	50	50	50	50	50	50
额定机电破坏负荷 Rated E & M failing load (kN)		45	70	70	70	111	111	160	45	160
例行拉伸负荷 Tension proof load (kN)		22	35.5	35.5	35.5	55.5	55.5	80	22	80
打击破坏负荷 Impact strength (N.m)		5	6	6	6	7	7	10	5	10
重量 Weight (kg)		2.5	3.9	4.6	4.9	5.6	5.9	6.9	2.6	7.2

直流盘形悬式瓷绝缘子

Diredt Current Porcelan Disc Suspension Insulators



主要性能和尺寸

Main Particulars and Dimensions

产品代号 Description	12352	12452	12552	12652
绝缘子等级 (IEC) Class	U1208	U1608	U2108	U3008
产品型号 Type	XZP-120	XZP-160	XZP1-210	XZP1-300
图号 Fig.NO	2	1	1	2
连接标记 Coupling size	16	20	20	24
结构高度 Unit spacing (mm)	146	170	170	195
瓷件直径 Disc diameter (mm)	280	320	320	400
爬电距离 Creepage distance (mm)	445	545	545	635
额定机电破坏负荷 Rated E & M failing load (kN)	120	160	210	300
例行拉伸负荷 Routine tension load (kN)	60	80	105	150
打击破坏负荷 Impact failing load (N.m)	6.8	10	10	10
直流闪络电压 DC flashover voltage	干闪 Dry (KV)	±155	±170	±170
	湿闪 Wet (KV)	±65	±70	±75
直流耐受电压 DC wet withstand voltage(kV)		±50	±55	±60
雷电冲击闪络电压 Lightning impulse flashover voltage	正极性 Positive (KV)	135	150	160
	负极性 Negative (KV)	140	160	170
雷电冲击耐受电压 Lightning impulse withstand voltage(kV)		125	140	140
无线电干扰电压 Radio-interference voltage	对地试验电压 Test voltage to ground/KV	10	10	10
	1MHz最大无线电干扰电压 Max.RIV AT 1MHz(kV)	50	50	50
工频击穿电压 Power-frequency puncture voltage (kv)		130	130	140
100只重量 Weightper 100 pcs (kg)		720	1110	1220

交流盘形悬式瓷绝缘子 (交普通型)

Ac Disc Suspension porcelain Insulator(Normal Type)

盘形悬式瓷绝缘子主要用于高压架空输电线路中绝缘支持导线。普通盘形悬式瓷绝缘子包括标准型绝缘子和大爬距绝缘子, 这些绝缘子主要适用于清洁区和轻污秽区。

Disc suspension porcelain insulators are mainly used on high-voltage overhead transmission and distribution lines to support and insulate conductors. The normal type disc suspension porcelain insulators include standard type and large creepage distance type insulators, which are widely used in clean areas and light pollution areas.

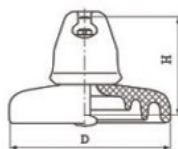


Fig 3

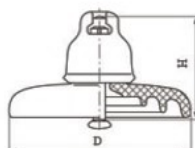


Fig 1

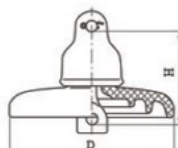


Fig 2

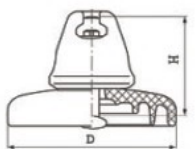


Fig 4

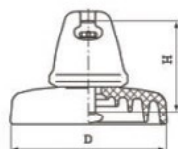


Fig 5

IEC
STANDARD

主要性能和尺寸

Main Particulars and Dimensions

型号 Cat.NO.	图号 Fig.	绝缘子 等级 Class	结构 高度 Unit spacing	公称 直径 Nominal diameter	公称爬电 距离 Nominal creepage distance	连接标记 Coupling size	额定机电 破坏负荷 Rated E&M failing load	例行拉伸 负荷 Routine tension load	打击破坏 负荷 Impact failing load	工频耐受 电压 Power frequency voltage KV		雷电冲击干 耐受电压 Dry lightning impulse withstand voltage KV	工频冲击穿 电压 Power frequency puncture voltage KV	无线电干扰电压 Radio interference voltage		产品 质量 Unit mass
										湿 Wet	干 Dry			对地实验 电压Test voltage to ground KV	1MHz时最 大值 Max.RIV at 1MHz KV	
IEC	H mm	D mm	L mm	KN	KN	N.m	Wet	Dry	10	50	10	50	kg			
XP-40	1	U40B	110	175	190	11	40	20	5	30	55	75	90	7.5	50	2.4
XP-40C	2	U40C	140	190	200	11C	40	20	5	30	55	76	90	7.5	50	2.7
XP-70	1	U70BL	146	255	295/340	16	70	35	6	40	70	100	110	10	50	4.6/5.3
XP-70C	2	U70C	146	255	295	16C	70	35	6	40	70	100	110	10	50	4.8
XP1-70	1	U70BS	127	255	295/320	16	70	35	6	40	70	100	110	10	50	4.6/4.8
XP4-70	1	U70BL	146	270	330	16	70	35	6	40	70	100	110	10	50	5.0
XP5-70	1	U70BL	146	200	210	16	70	35	6	30	50	80	110	10	50	3.7
XP-80	1	U80BML	140/146	255	295	16	80	40	6	40	70	100	110	10	50	4.9
XP-100	3	U100BL	146	255	295/320	16	100	50	7	40	70	100	110	10	50	5.7/6.0
XP3-100	3	U100BL	146	280	340	16	100	50	7	40	70	100	110	10	50	6.6
XP-120	3	U120B	146	255	295/320	16	120	60	7	40	70	100	110	10	50	5.7/6.0
XP2-120	3	U120B	146	280	320	16	120	60	7	40	70	100	110	10	50	6.8
XP-160	3	U160BM	155	255	305/360	20	160	80	10	40	70	100	110	10	50	7.4/8.2
XP1-160	3	U160BS	146	255	305/320	20	160	80	10	40	70	100	110	10	50	7.4/7.8
XP4-160	4	U160BM	155	300	400	20	160	80	10	45	75	110	110	10	50	9.4
XP5-160	4	U160BS	146	280	350/405	20	160	80	10	42	75	105	110	10	50	8.9/9.1
XP6-160	4	U160BML	155/170	280	380	20	160	80	10	42	75	105	110	10	50	8.9
XP8-160	3	U160BS	146	280	315	20	160	80	10	40	70	105	110	10	50	8.0
XP9-160	3	U160BM	155	280	315/350	20	160	80	10	40	70	105	110	10	50	8.0/8.4
XP13-160	4	U160BL	170	280	350/405	20	160	80	10	42	75	110	110	10	50	8.7/9.1
XP1-210	3	U210B	170	280	335	20/24	210	105	10	40	70	105	120	10	50	10.2/10.4
XP2-210	4	U210B	170	280	380/405	20/24	210	105	10	42	75	105	120	10	50	10.7/10.9
XP4-210	3	U210B	170	300	330	20	210	105	10	40	70	105	120	10	50	10.6
XP5-210	4	U210B	170	300	370/400	20/24	210	105	10	42	75	110	120	10	50	11.1/11.4
XP-240	4	U240B	170	280	405	24	240	120	10	45	75	110	120	10	50	11.1
XP-300	4	U300B	195	320/330	370/390	24	300	150	10	45	75	110	120	10	50	13.2/13.6
XP-400	4	U400B	205	360	525	28	400	200	10	50	90	140	130	10	50	18.6
XP2-400	5	U400B	205	340	550	28	400	200	10	50	90	140	130	10	50	19.5
XP-420	5	U420B	205	340	550	28	420	210	10	50	90	140	130	10	50	19.5
XP-530	5	U530B	205	350	600/700	32	530	265	10	55	95	140	140	10	50	25.5/29.0

交流耐污盘形悬式瓷绝缘子(双伞型和三伞型)

Anti-Pollution Suspension Porcelain Insulator(Double-shed and Tri-shed type)

在轻污秽区的高压架空输电线路中需要用耐污绝缘子支持导线。耐污盘形悬式瓷绝缘子与普通盘形悬式瓷绝缘子具有相同的机电强度等级和连接结构。双伞型、三伞型产品属于敞开式结构造型, 盘径大, 爬距大, 自洁性能良好, 耐污能力强, 特别适合西北地区干旱、雨少、风沙大等气候条件。

Anti-pollution type disc suspension porcelain insulators are used to support and insulate conductors on the overhead high-voltage transmission lines in polluted areas. Anti-pollution type disc suspension porcelain insulators have the same E&M strength class and coupling size as the normal type. The double-shed and tri-shed type insulators hold open structure, with big diameter, large creepage distance, great self-clean function and strong resistance to pollution, specially serving in droughty, rainless and windy areas.

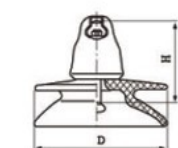


Fig 1

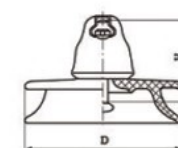


Fig 2

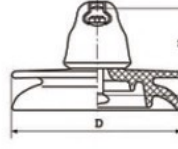


Fig 3

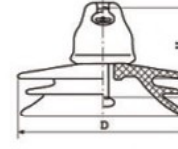


Fig 4

GB
STANDARD

主要性能和尺寸

Main Particulars and Dimensions

型号 Cat.NO.	图号 Fig.	绝缘子 等级 Class	结构 高度 Unit spacing	公称直径 Nominal diameter	公称爬电 距离 Nominal creepage distance	连接 标记 Coupling size	额定机电 破坏负荷 Rated E&M failing load	例行拉伸 负荷 Routine tension load	工频耐受 电压 Power frequency voltage KV		雷电冲击干 耐受电压 Dry lightning impulse withstand voltage KV	工频冲击穿 电压 Power frequency puncture voltage KV	无线电干扰电压 Radio interference voltage	产品质量 Unit mass	
									湿	干					
		IEC	H mm	D mm	L mm		KN	KN	Wet	Dry			对地实验 电压Test voltage to ground KV	1MHz时最 大值 Max.RIV at 1MHz KV	kg
XWP-70	1	U70BEL	155/160	255	400	16	70	35	42	80	120	120	10	50	5.9
XWP2-70	1	U70BLP	146	255	400/450	16	70	35	42	80	120	120	10	50	5.9/6.4
XWP3-70	1	U70BL/ELP	146/160	280	400/450	16	70	35	45	80	120	120	10	50	5.9/7.5
XWP4-70	2	U70BL	146	300	400	16	70	35	42	80	120	120	10	50	6.5
XWP1-100	1	U100BL	160	255	400	16	100	50	42	80	120	120	10	50	7.3
XWP2-100	1	U100BLP	146	255/280	450	16	100	50	45	80	120	120	10	50	6.7/8.1
XWP2-120	1	U120BP	146/160	280	450	16	120	60	45	80	120	120	10	50	8.4
XWP-160	2	U160BM	155	300	400	20	160	80	45	80	130	120	10	50	9.2
XWP1-160	1	U160BM	160	280	400	20	160	80	45	80	130	120	10	50	8.2
XWP2-160	1	U160BWL	155/170	300	450	20	160	80	45	80	130	120	10	50	9.1
XWP3-160	1	U160BMP	155	280	450	20	160	80	45	80	130	120	10	50	8.6
XWP5-160	3	U160BMP	155	300	450	20	160	80	45	80	130	120	10	50	9.9
XWP6-160	1	U160BLP	170	330	450	20	160	80	45	80	130	120	10	50	11.0
XWP7-160	1	U160BLP	170	340	525	20	160	80	50	90	135	130	10	50	10.9
XWP1-210	1	U210BP	170	300	450	20/24	210	105	45	80	130	130	10	50	12.0/11.7
XWP3-210	1	U210BP	170	350	525/545	20/24	210	105	50	90	135	130	10	50	13.6/13.8
XWP3-240	1	U240BP	170	360	525	24	240	120	50	90	135	130	10	50	14.4
XWP-300	1	U300BP	195	330	480	24	300	150	47	85	130	130	10	50	14.8
XSP-70	4	U70BLP	146	255/280	450	16	70	35	42	80	120	120	10	50	6.3/7.1
XSP-100	4	U100BELP	155/170	300	545	16	100	50	45	80	130	120	10	50	9.4
XSP2-100	4	U100BELP	160	280	450	16	100	50	42	80	130	120	10	50	8.6
XSP-160	4	U160BLP	170	330	545	20	160	80	50	90	130	130	10	50	11.8
XSP1-160	4	U160BMP	155	320/330	500	20	160	80	45	80	130	130	10	50	11.7
XSP2-160	4	U160BMP	160	325/330	545	20	160	80	50	90	130	130	10	50	11.9
XSP-210	4	U210BP	170	340	545	20	210	105	50	90	130	130	10	50	14.0
XSP-240	4	U240BP	170	360	545	24	240	120	50	90	130	130	10	50	15.0
XSP-300	4	U300BP	195	360	550	24	300	150	50	90	130	130	10	50	17.1

高压线路针式绝缘子

Pin Type Insulators For High Voltage

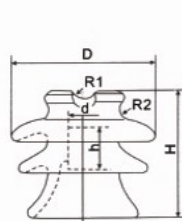


Fig1

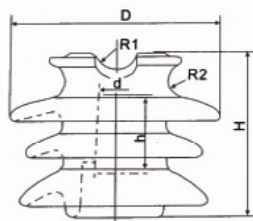


Fig2

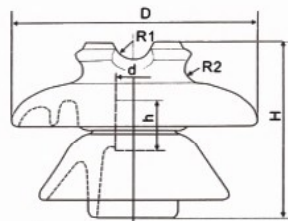


Fig3

主要性能和尺寸

Main Particulars and Dimensions

Type	产品型号		P-11-Y	P-15-Y	P-20-Y	P-33-Y	
Figure NO.	图号		1	1	2	3	
Main Dimensions 主要尺寸 mm		H	133	137	195	244	
		h	48	48	52.63	52.63	
		D	140	152	230	279	
		d	18.29	18.29	27.78	27.78	
		R1	13	13	19	19	
		R2	9.5	12.7	14.3	13	
Nominal Voltage 额定电压		KV	11	15	22	33	
Creepage Distance 爬电距离		MM	240	298	432	630	
Minimum Flashover Voltage 闪络电压（不小于）	Power frequency 工频电压	Dry 干	KV	75	80	100	135
		Wet 湿	KV	45	55	60	85
	50%Impulse 50%临界冲击	Positive 正极性	KV	100	130	160	185
		Negative 负极性	KV	110	175	205	237
Withstand Voltage 耐受电压	One minute power frequency 1分钟工频	Dry 干	KV	65	70	90	110
		Wet 湿	KV	40	50	55	75
	impulse 冲击	KV	75	110	150	170	
Radio influence-voltage Data 无线电干扰电压	Test Voltage to Ground 对地实验	KV	15	15	22	30	
	Maximum RIV at 1000KHz 1000千赫时最大	KV	8000	8000	12000	16000	
Power Frequency Puncture Voltage 工频击穿电压		KV	135	135	145	185	
Cantilever Failing Load 抗弯强度		KN	11	11	11	13	
Net Weight 净重		kg	1.8	—	—	11.5	
Applicable standard 执行标准					BS		

高压线路针式绝缘子

Pin Type Insulators For High Voltage

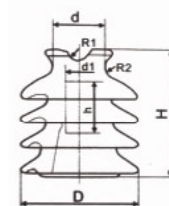


Fig1

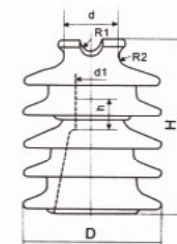


Fig2

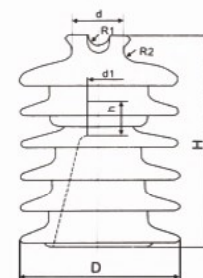


Fig3

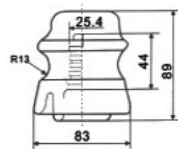
主要性能和尺寸

Main Particulars and Dimensions

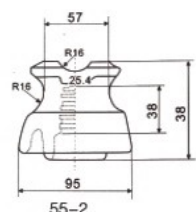
Type	产品型号		PW-15-Y	PW-22-Y	PW-33-Y
Figure NO.	图号		1	2	3
Main Dimensions 主要尺寸 mm		H	185	255	320
		h	52.63	52.63	52.63
		D	170	205	240
		d	27.78	27.78	27.78
		R1	16	16	16
		R2	16	16	16
Nominal Voltage 额定电压		KV	15	22	33
Creepage Distance 爬电距离		mm	432	673	851
Minimum Flashover voltage	Power frequency 工频电压	Dry 干 KV	100	125	140
		Wet 湿 KV	65	95	110
闪络电压 (不小于)	50%Impulse 50%临界冲击	Positive 正极性 KV		190	210
		Negative 负极性 KV			
Withstand Voltage 耐受电压	One minute power frequency 1分钟工频	Dry 干 KV	90	110	125
		Wet 湿 KV	60	90	100
	Impulse 冲击	KV	140	180	200
Radio influence-voltage Data 无线电干扰电压	Test Voltage to Ground 对地实验	KV	22	30	44
	Maximum RIV at 1000KHz 1000千赫时最大	KV	12000	16000	25000
Power Frequency Puncture Vo tage 工频击穿电压		KV	150	200	210
Cantilever Failing Load 抗弯强度		KN	11	11	11
Net Weight 净重		kg	5	10	13
Applicable standard 执行标准				85	

高压线路针式绝缘子

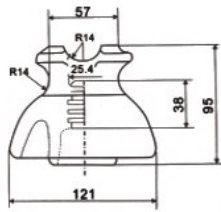
Pin Type Insulators For High Voltage



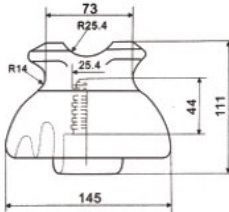
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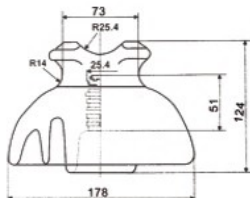
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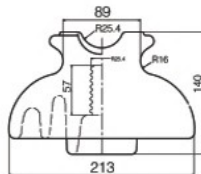
55-3



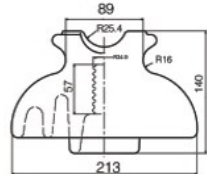
55-4



55-5



55-6



55-7

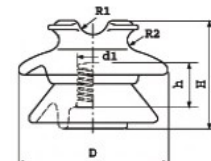
主要性能和尺寸

Main Particulars and Dimensions

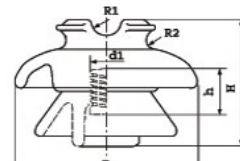
Type	产品型号		55-1	55-2	55-3	55-4	55-5	55-6	55-7
Creepage Distance	爬电距离	mm	102	127	178	229	305	381	381
Dry Arcing Distance	干弧距离	mm	57	86	114	127	159	203	203
Cantilever Strength	机械弯曲强度	KN	13	11	11	13	13	13	13
Low Frequency Flashover Voltage	Dry 干闪	KV	35	45	56	65	80	100	100
	Wet 湿闪	KV	20	25	30	35	45	50	50
Critical Impulse Flashover Voltage	Positive 正极性	KV	50	70	90	105	130	150	150
	Negative 负极性	KV	70	85	110	130	150	170	170
Power Frequency Puncture Voltage 工频击穿电压		KV	50	70	90	95	115	135	135
Radio-influence-voltage Data	Test Voltage to Ground 对地实验	KV	5	5	10	10	15	22	22
	Maximum RIV at 1000KHz 1000千赫时最大		50	50	50	50	100	100	100
Net weight	净重	kg	0.5	0.65	1	1.55	2.75	4.15	4.15
Applicable standard 执行标准			ANSI						

高压线路针式绝缘子

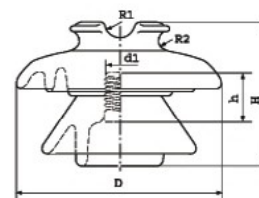
Pin Type Insulators For High Voltage



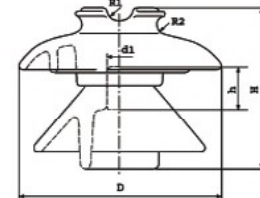
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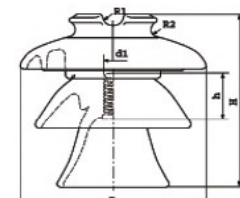
56-2



56-3



56-4



56-5

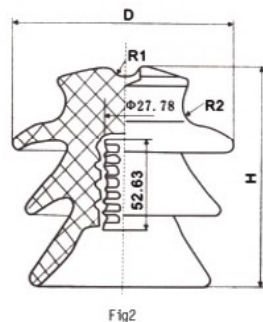
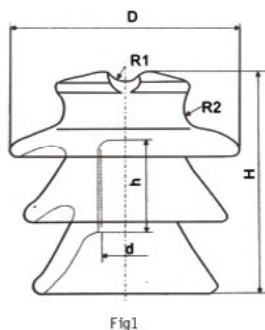
主要性能和尺寸

Main Particulars and Dimensions

Type	产品型号			56-1	56-2	56-3	56-4	56-5	
Main Dimensions	主要尺寸 mm			H	146	165	191	241	318
				h	50.8	50.8	50.8	50.8	63.5
				D	191	228	267	305	343
				d1	34.9	34.9	34.9	34.9	34.9
				R1	19	19	19	19	19
				R2	14	14	14	14	14
Nomomal Voltage		额定电压	KV	23	23	35	46	69	
Creepage Distance		爬电距离	mm	330	430	533	685	865	
Minimum Flashover Voltage	Power frequency 工频电压	DRY 干	KV	95	110	125	140	175	
		Wet 湿	KV	60	70	80	95	125	
闪络电压（不小于）	50%Impulse 50%临界冲击	Positive 正极性	KV	150	175	200	225	270	
		Negative 负极性	KV	190	225	265	310	340	
Radio-influence-voltage Data 无线电干扰电压	Test Voltage to Ground 对地实验		KV	15	22	30	30	44	
	Maximum RIV at 1000KHz 1000千赫时最大			100	100	200	200	200	
Power Frequency Punctuer Voltage		工频击穿电压	KV	130	145	165	186	225	
Dry Arcing Distance		干弧距离	mm	178	210	241.3	285	356	
Cantilever Failing Load		抗弯强度	KN	11	13	13	13	13	
Net Weight		净重	kg	3.7	5.3	7	10.8	13.5	
Applicable standard			执行标准	ANSI					

高压线路针式绝缘子

Pin Type Insulators For High Voltage



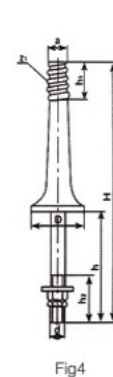
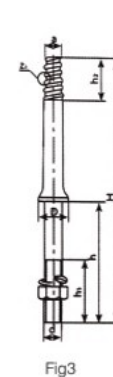
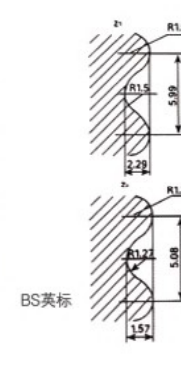
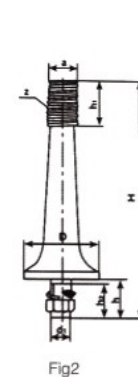
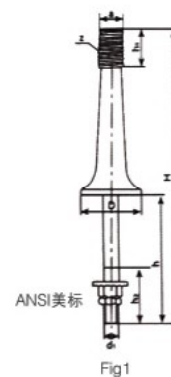
主要性能和尺寸

Main Particulars and Dimensions

Type	产品型号		st-10/J	st-15/J	st-20/J	P-20-D	
Figure NO.	图号		1	1	1	2	
Main Dimensions 主要尺寸 mm	H		130	150	185	185	
	h		55	60	65	65	
	D		135	150	175	175	
	d		31	31	35	35	
	R1		10	10	10	10	
	R2		12.5	12.5	12.5	12.5	
Nominal Voltage 额定电压		KV	10	15	20	20	
Creepage Distance 爬电距离		mm	240	270	340	340	
Power Frequency Puncture Voltage 工频击穿电压		KV	110	120	140	140	
Electronical failing load 电气破坏负荷		KN	12	12	14.7	14.7	
Minimum Flashover Voltage 闪络电压（不小于）mm	Power Frequency Voltage 工频	Dry 干 KV	70	75	90	80	
		Wet 湿 KV	42	53	65	50	
	50% Critical Impulse 50%临界冲击		KV	100	110	130	130
	Net Weight 净重		kg	1.5	2.7	3.4	3.8
Applicable standard 执行标准		DIN					

高压线路针式绝缘子钢脚

Spindle For Pin Type Insulator



主要性能和尺寸

Main Particulars and Dimensions

图号 Fig.	主要尺寸 Main dimensions in							机械破坏负荷 Mechanical strength(kn)	美标等级 Class ANSI	重量 Weight kg
	H	D	h	h1	h2	a	d2			
1	330	76	178	51	76	14.9	20	11	S6-1	1.9
1	356	76	178	51	76	34.9	20	9	S6-2	2.2
1	407	89	178	51	76	34.9	20	10	S6-3	2.5
1	432	89	178	51	76	34.9	20	9	S6-4	3.25
1	343	45	165	51	76	34.9	20	6	S6-2	1.6
2	198	76	45	51	40	34.9	20	11	S6-1	1.54
2	223	76	45	51	40	34.9	20	9	S6-2	1.87
2	274	89	45	51	40	34.9	20	10	S6-3	2.17
2	299	89	45	51	40	34.9	20	9	S6-4	2.7
2	223	45	45	51	40	34.9	20	6	S6-2	1.3
1	356	76	76	51	76	34.9	16	5	S6-2	1.9
3	305	38	140	74	44.45	18.29	20	5	BS small steel	1
3	352	41	127	80	44.45	18.29	22	5		1.2
3	215	38	50	44	44.45	18.29	20	5	BS large steel	0.75
4	261	60	46	47	41	27.78	22	10		1.5
4	369	51	140	47	78	27.78	22	10		2

通讯线路针式绝缘子
Pin Insulators For Telephone Lines

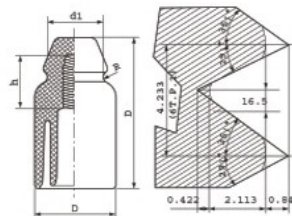


Fig 1

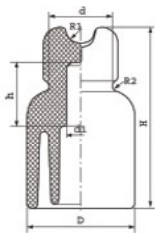


Fig 2

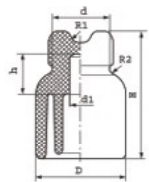


Fig 3

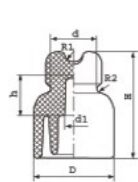


Fig 4

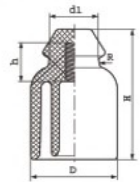


Fig 5

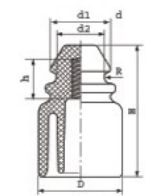


Fig 6

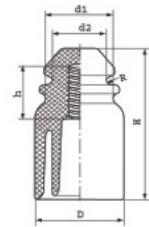


Fig 7

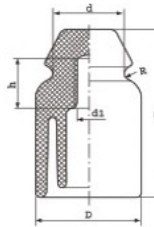


Fig 8

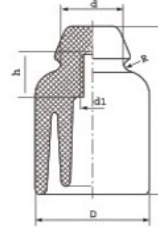


Fig 9

主要性能和尺寸
Main Particulars and Dimensions

型号 Cat.NO	图号 Fig.	主要尺寸 Main Dimensions mm							绝缘电阻 Insulation resistance	抗弯强度 Shearing Strength	重量 weight
		H	h	D	d	d1	R1	R2			
RM-1	2	140	49.5	86	51	22.5	12	4	50000		1.1
RM-2	3	100	32	70	44	18.5	8.5	3.5	40000		0.5
RM-3	4	80	30	60	35	13	7	3	20000		0.3
T-4	8	95	31	60	40	13		4	40000	600	0.34
T-5	9	112	31	76	43	16.4		4	50000	800	0.60
NO 7	5	119	35	76	44	-		5	10000		0.67
NO 1	6	119	35	76	54	44		5	10000		0.62
NO 2	1	102	35	60	38	-		5	10000		0.38
NO 8	7	102	35	60	44	38		5	10000		0.40

碟式绝缘子
Porcelain Shackle Insulators

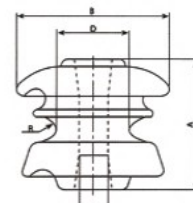


Fig1

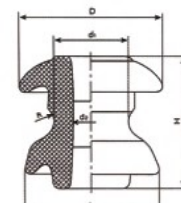


Fig2

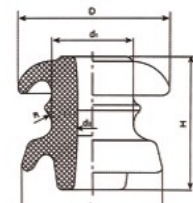


Fig3

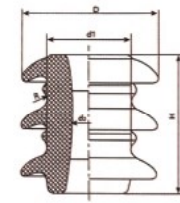


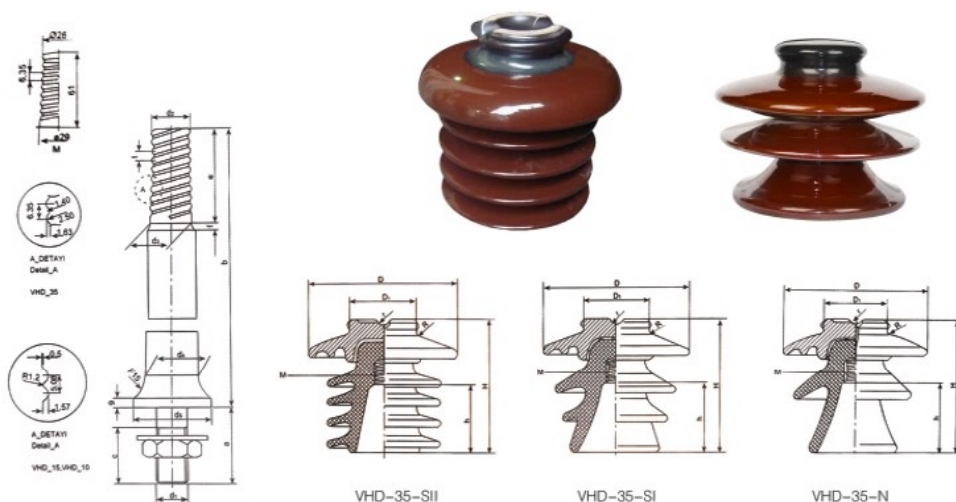
Fig4

主要性能和尺寸
Main Particulars and Dimensions

型号 Type	图号 Fig.NO	主要尺寸 Main dimensions (mm)					干闪电压 Dry flashover voltage (kv)	湿闪电压 Wet flashover voltage (kv)	击穿电压 Puncture voltage(kv)	机械破坏负荷 Mechanical strength KN	Packing	
		A	B	D	d	R					No.per	Mass(kg)
s.03	1	57	63	35	11	5	17	8	25	6.25	100	23
s.05	1	75	88	41	17	8	22	11	33	17.8	24	16
s.1	1	88	100	57	18	13	26	14	39	17.8	24	20
s.2	1	100	114	63	21	16	35	19	52	22.25	12	16

型号 Type	图号 Fig.NO	主要尺寸 (mm) Main dimensions							机械破坏负荷 Mechanical failing load(kg)	工频湿闪电压 (kV)		重量(kg) Weight	色 Fired blank
		H	D	d	d1	d2	R			干Dry	湿Wet		
ED-1	2	90	100	95	50	22	12	1200	22	10		0.75	白white
ED-2	2	75	80	75	42	20	10	1000	18	9		0.40	白white
ED-3	2	65	70	65	36	16	8	800	16	7		0.25	白white
ED-4	2	50	60	55	30	16	6	500	14	6		0.15	白white
ED-2(B)	3	76/3"	89/3"	83/3"	48/1"	21/1"	10/1"	1300	-	-		0.48	棕brown
ED-2(B)1	3	76/3"	89/3"	83/3"	48/1"	21/1"	10/1"	1300	-	-		0.50	棕brown
ED-2(C)	4	86/3"	80/3"	-	50/2"	22/1"	6/1"	1350	25	12		0.47	棕brown

高压线路针式绝缘子 Pin Type Insulators For High Voltage



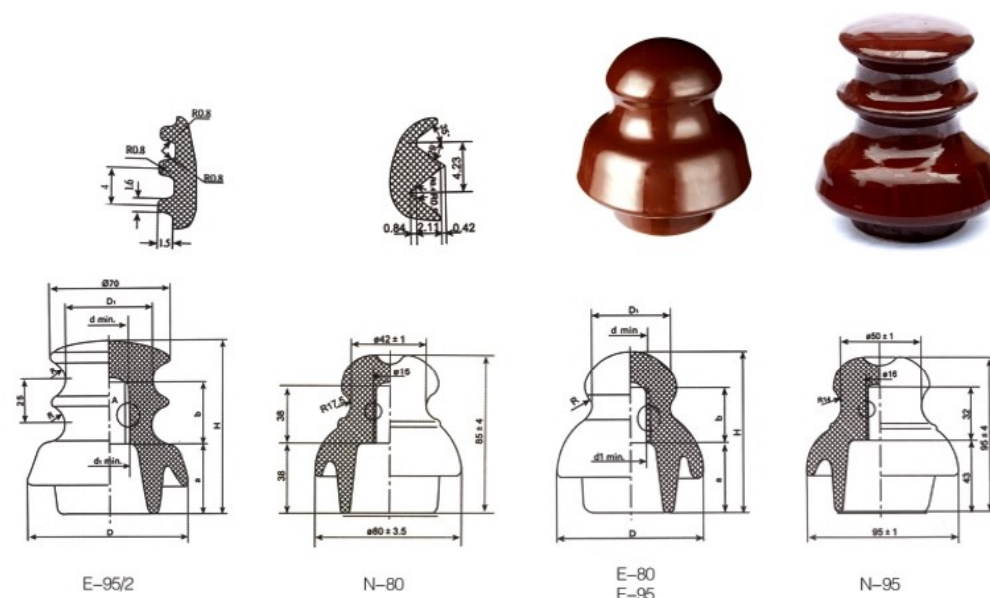
钢脚尺寸 Specifications Of Steel Stands

T1P	a mm	b mm	c mm	d1 mm	d2 mm	d1 mm	d3 mm	d5 mm	e mm	f mm	g mm	t mm
VHD-35	135	280	75	1"	+0 25-06	+0 28-0.5	35	51	61	4	8	6.35
VHD-20	135	215	75	M20	+0 19+0.5	+0 24-0.5	30	44	45	4	5	5.05
VHD-15	135	165	75	M16	+0 19-0.5	+0 24-0.5	30	41	45	4	5	5.05
VHD-10	135	127	75	M16	+0 19-0.5	+0 24-0.5	30	41	45	4	5	5.05

主要性能和尺寸 Main Particulars and Dimensions

型号 Type	主要尺寸 Main dimensions						泄露距离 Leakage distance	最小破坏负荷 Minimum breaking load	一分钟湿耐压 One minute withstand voltage wet	击穿电压 Puncture Voltage	冲击干耐压 Impulse withstand voltage dry	重量 Weight
	H	h	D	D1	R	r						
VHD-35-N	270	133	270	135	14	14	630	1200	70	180	170	11
VHD-35-SI	270	133	270	135	14	14	720	1200	75	180	175	11.8
VHD-35-SII	295	160	270	135	14	14	900	1200	80	180	180	13.3

高压线路针式绝缘子 Pin Type Insulators For High Voltage



主要性能和尺寸 Main Particulars and Dimensions

型号 Type	泄露距离 Leakage distance in	最小破坏负荷 Minimum breaking load	一分钟湿耐压 One minute withstand voltage wet(TV)	重量 Weight kg
N80	120	1250	10	0.4
N95	140	1250	10	0.57

型号 Type	主要尺寸 Main dimensions								泄露距离 Leakage distance	最小破坏负荷 Minimum breaking load	一分钟湿耐压 One minute withstand voltage wet	重量 Weight
	H	h	D1	d min	d1 min	a	b	r				
E-80	80	87	42	19	21	38	30	9	120	1250	10	0.4
E-95	95	97	50	22	24	41	35	14	140	1250	10	0.55
E95-2	95	100	50	22	24	41	35	10	130+30	1250	10	0.625

高压针式绝缘子
High-Voltage Pin Insulators

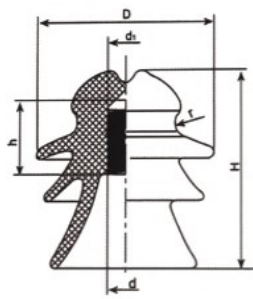


Fig1

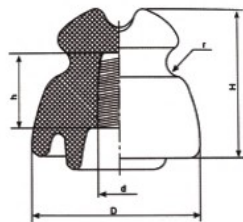
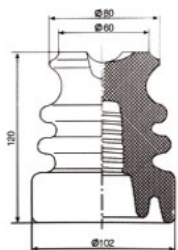


Fig2



N95-3

主要性能和尺寸
Main Particulars and Dimensions

型号 Type	N95-3	
额定电压 voltage rating	15 KV	
工频网络电压 Power frequency voltage	干闪络 Dry	70kV
	湿闪络 Wet	45kV
击穿电压 Power-frequency puncture Voltage	95kV	
临界冲击电压 Critical-impulse flashover(1.2×50μs)	正极性 Positive	150kV
	负极性 Negative	140kV
爬电距离 Leakage distance	230mm	
抗弯破坏负荷 Cantilever Failing load	13.6kN	

图号 Fig.NO	2	2	2	1	1	1
型号 Type	Cn918	Cn919	Cn920	Cn945	Cn946	CN948
主要尺寸 Main dimensions	H mm	75	95	120	145	205
	D mm	80	105	135	135	160
	d mm	23	26	26	26/28	28/30
	h mm	33	48	48	60	85
	r mm	7	9	12	9	10
爬电距离 Leakage distance				200	320	440
工频闪络电压 (kV) Power-frequency flashover	干闪络 Dry	40	50	55	75	100
	湿闪络 Wet	12	20	30	55	75
击穿电压 Puncture Voltage(KV)				110	120	135
抗弯破坏负荷 Cantilever Failing load (dan)	600	900	1500	1500	1800	2000
重量 Weight(kg)	0.40	0.90	1.6	1.6	2.18	3.14

线轴式绝缘子
Spool Insulators

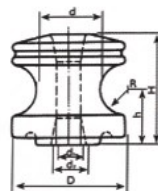


Fig1

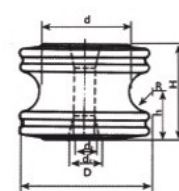


Fig2

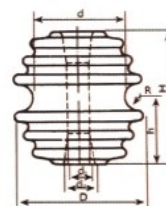


Fig3

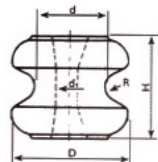


Fig4

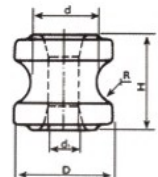


Fig5

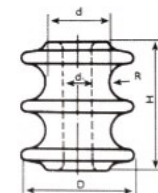


Fig6

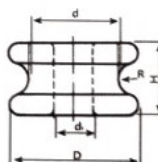
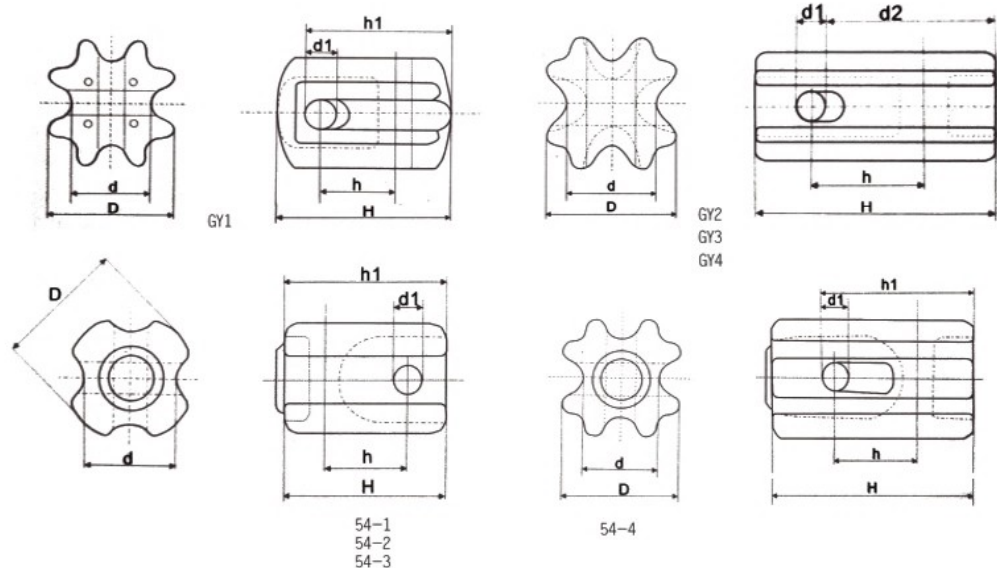


Fig7

主要性能和尺寸
Main Particulars and Dimensions

产品编号 Cat.No. 美标等级 (Cass ANSI)	图号 Fig.NO	主要尺寸 Main dimensions							机械破坏负荷 Tensile strength N	工频闪络电压 Power frequency voltage KV			重量 Weight N
		H	h	D	d	d1	d2	R2		干闪 Day flashover	湿闪Wet flashover		
											垂直Vertical	水平 Horizontal	
53-1	2	54	27	57	45	18	22	11	8,900	20	8	10	2.2
53-2	1	76	38	79	45	18	24	18	13,300	25	12	15	5.4
53-3	2	81	40.5	76	45	18	24	11	17,800	25	12	15	5.9
53-4	2	76	38	105	73	18	24	16	20,000	25	12	15	11.3
53-5	3	105	52.5	102	73	18	24	11	26,700	35	18	25	11.8
R-8	7	32		57	40	17.5		7			15	918	1.3
R-6	6	80		70	40	18		7	240	12	15	1350	3.9
R-2	5	76		80	54	17.5		17.5			15	2040	5.9
R-1	5	54		57	39	17.5		11			15	918	2.4
1617	4	65		76	46	17.5		9	9000	20	9	9	3.9
1618-1	4	75		89	52	17		13	10000	20	9	9	
1618-2	4	75		89	52	17		12.5	13000	25	12	12	
1617-2	4	67		73		16		14.3					
1617-1	4	65		78		17.5		12.5					
1618-3	4	88		95		22		16					

拉紧绝缘子
Strain Insulators

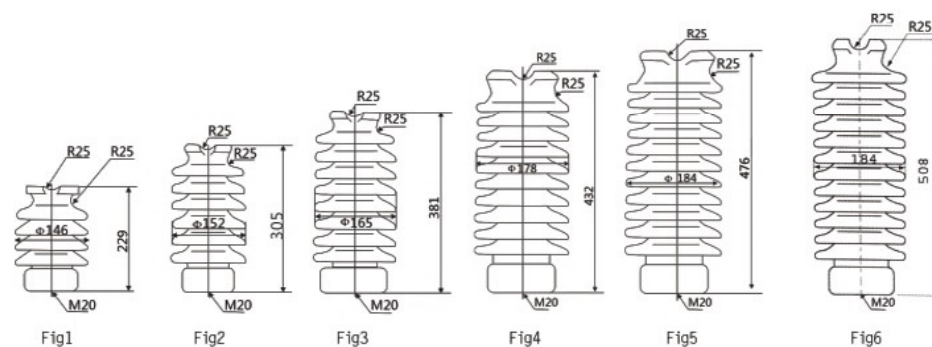


主要性能和尺寸

Main Particulars and Dimensions

Type	产品型号	Gy1	Gy2	Gy3	Gy4	S4-1	S4-2	S4-3	S4-4
Creepage distance	爬电距离 mm					41	48	57	76
Main Dimensions	H	90	146	216	280	89	108	140	171
	h	48	73	89	89	44	57	79	67
	h1	60	99	133	165	64	76	103	114
	D	68	73	115	115	64	73	86	89
	d	40	44	67	67	44	54	60	60
	d1	16	22	38	38	16	22	25	25
Mechanical failing load	机械破坏负荷 KN	27	71	222	222	44	53	89	89
Power frequency flashover voltage	(Dry)干闪kv	10	15	20	30	25	30	35	40
	(Wet)湿闪kv					12	15	18	23
Net weight	净重 kg	0.6	1.1	4.3	5.7	0.5	0.65	1.2	2.2
Applicable standard	执行标准	AS				ANSI			

高压线路支柱绝缘子 Line Post Insulators

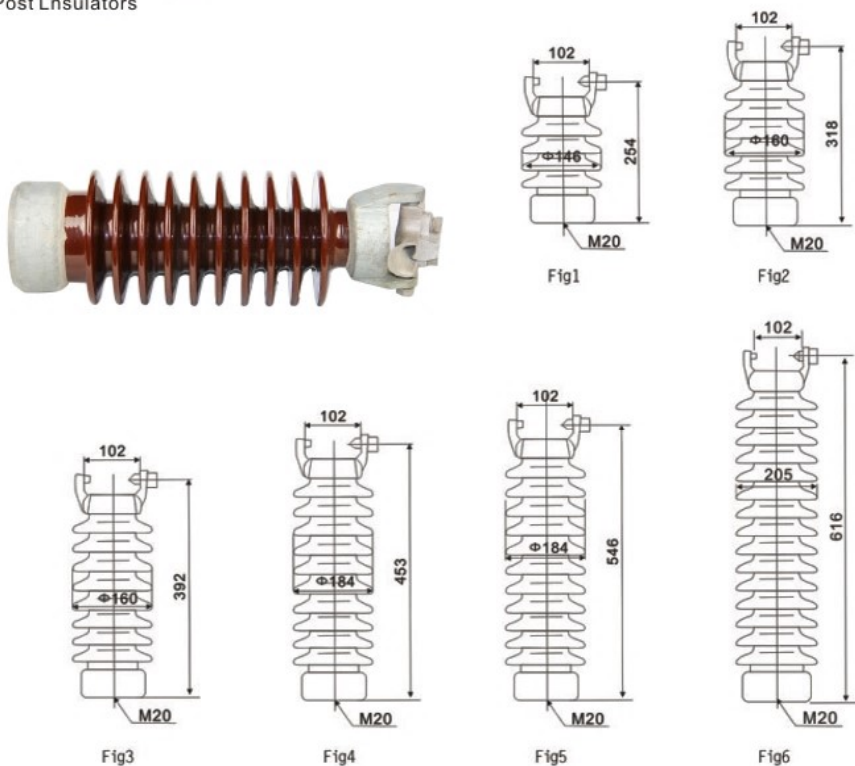


主要性能和尺寸

Main Particulars and Dimensions

Type	产品型号	57-1	57-2	57-3	57-4	57-5	57-6
Figure NO.	图号	1	2	3	4	5	6
Creepage distance(min)	爬电距离 mm	356	559	737	1016	1143	1364
Drying arcing distance	干弧距离 mm	165	241	311	368	448	489
Cantilever strength	弯曲强度 KN	12.5	12.5	12.5	12.5	12.5	12.5
Power frequency flashover voltage 工频闪络电压	Dry 干闪 KV	70	100	125	140	160	180
	Wet 湿闪 KV	50	70	95	110	130	150
Critical impulse flashover voltage 临界冲击闪络电压	Positive 正极性 KV	120	160	200	230	265	300
	Negative 负极性 KV	155	205	260	340	380	
Radio interference voltage 无线电干扰电压	Test voltage to ground 对地试验电压 KV	15	22	30	44	44	44
	Max RIV at 1MHz 1MHz最大无线电干扰电压μV	100	100	200	200	200	200
Net weight	净重 Kg	5.2	9.0	11.0	18	18	20.5
Applicable standard	执行标准	ANSI					

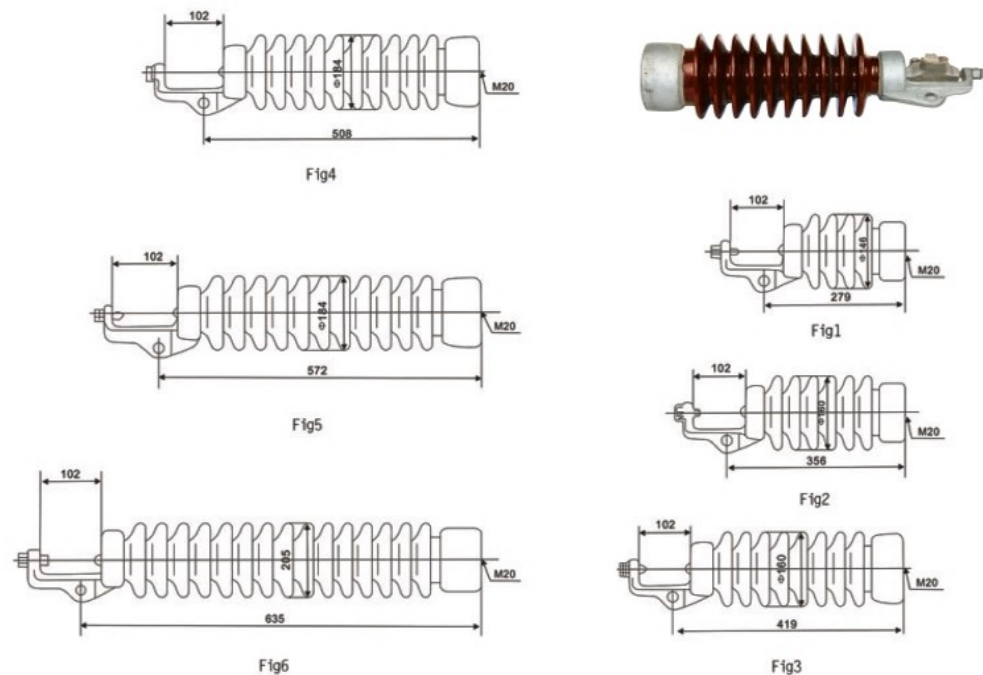
高压线路支柱绝缘子 Line Post Insulators



主要性能和尺寸 Main Particulars and Dimensions

Type	产品型号	57-11	57-12	57-13	57-14	57-15	57-16
Figure NO.	图号	1	2	3	4	5	6
Creepage distance(min)	爬电距离 mm	356	559	737	1016	1143	1346
Drying arcing distance	干弧距离 mm	165	241	311	368	438	489
Cantilever strength	弯曲强度 KN	12.5	12.5	12.5	12.5	12.5	12.5
Power frequency flashover voltage	Dry 干闪 KV	70	100	125	140	160	180
	Wet 湿闪 KV	50	70	95	110	130	140
Critical impulse flashover voltage	Positive 正极性 KV	120	160	200	230	265	300
	Negative 负极性 KV	155	205	260	340	380	390
Radio interference voltage	Test voltage to ground 时地试验电压 KV	15	22	30	44	44	44
	Max.RIV at 1MHz 1MHZ最大无线电干扰电压 μV	100	100	200	200	0	200
Net weight	净重 kg	6.8	10	11.8	15.9	18.6	
Applicable standard	执行标准	ANSI					

高压线路支柱绝缘子 Line Post Insulators

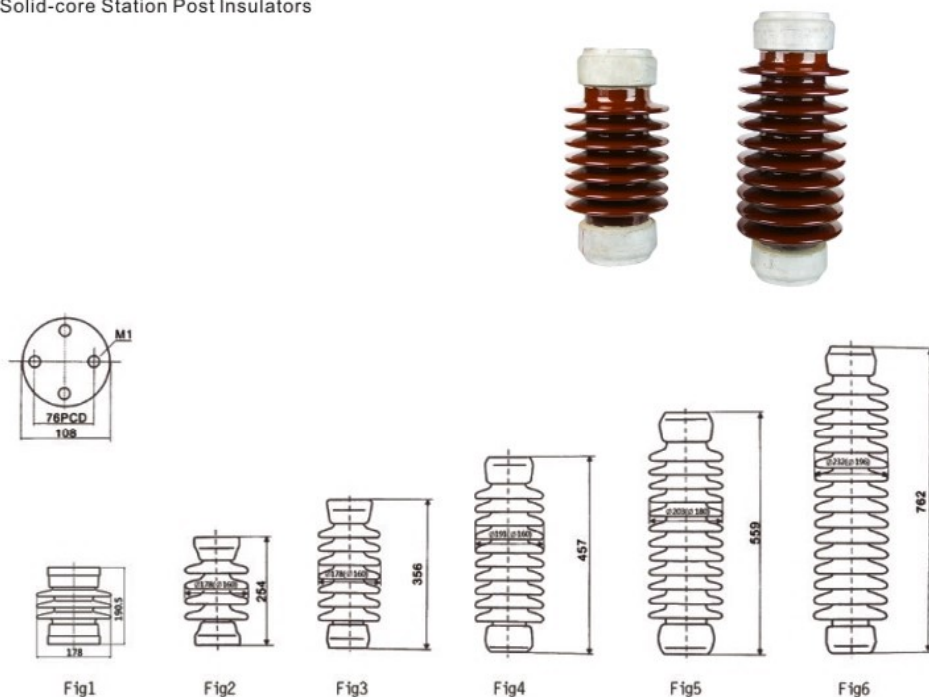


主要性能和尺寸 Main Particulars and Dimensions

Type	产品型号	57-21	57-22	57-23	57-24	57-25	57-26
Figure NO.	图号	1	2	3	4	5	6
Creepage distance(min)	爬电距离 mm	356	559	737	1016	1143	1346
Drying arcing distance	干弧距离 mm	165	241	311	368	438	489
Cantilever strength	弯曲强度 KN	12.5	12.5	12.5	12.5	12.5	12.5
Power frequency flashover voltage	Dry 干闪 KV	70	100	125	140	160	180
	Wet 湿闪 KV	50	70	95	110	130	140
Critical impulse flashover voltage	Positive 正极性 KV	120	160	200	230	265	300
	Negative 负极性 KV	155	205	260	340	380	390
Radio interference voltage	Test voltage to ground 时地试验电压 KV	15	22	30	44	44	44
	Max.RIV at 1MHz 1MHZ最大无线电干扰电压 μV	100	100	200	200	200	200
Net weight	净重 kg	7.5	10.5	12.7	16.8	19.5	
Applicable standard	执行标准	ANSI					

TR 电站支柱绝缘子

TR Solid-core Station Post Insulators



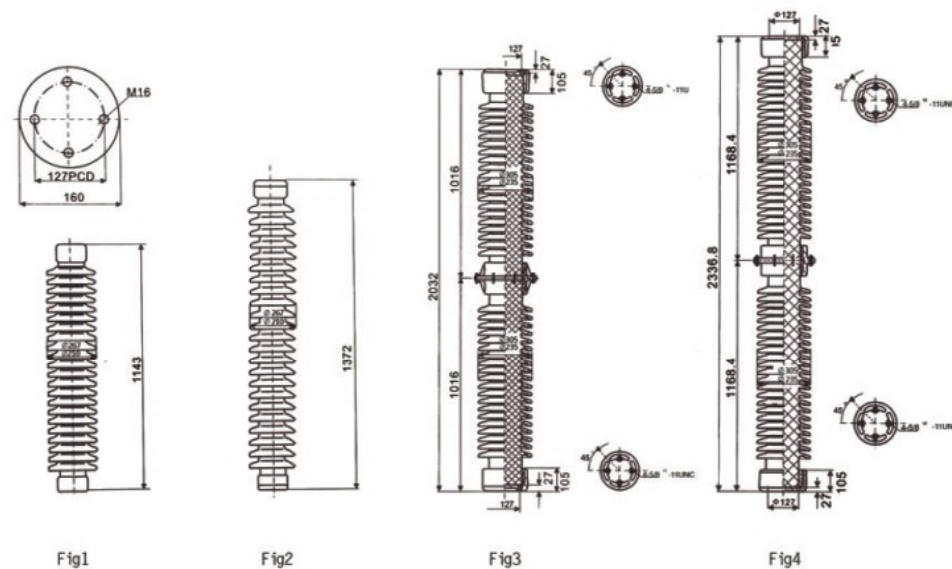
主要性能和尺寸

Main Particulars and Dimensions

Type	产品型号	TR-202	TR-205	TR-208	TR-210	TR-214	TR-216
Figure NO.	图号	1	2	3	4	5	6
Creepage distance	爬电距离 mm	267	394	610	940	1092	
Cantilever strength	弯曲强度 KN	8.9	8.9	8.9	8.9	8.9	6.7
Tension strength	拉伸强度 KN	31.2	38	44.5	53	62	71
Torsion strength	扭转强度 N.M	678	791	904	1130	1356	1395
Compression strength	抗压强度 KN	44.5	44.5	44.5	66.7	66.7	111
Power frequency withstand voltage 工频耐压电压	Dry 干闪 KV		85	110	145	170	235
	Wet 湿闪 KV		55	75	100	125	180
Critical impulse flashover voltage 临界冲击闪络电压	Positive 正极性 KV	105	125	170	225	280	390
	Negative 负极性 KV		200	250	290	340	475
Power frequency withstand voltage	工频冲击耐受电压	30	50	70	95	120	175
Impulse withstand voltage	冲击耐受电压 KV	95	110	150	200	250	350
Net weight	净重 kg		7	11	15.4	20.5	29
Applicable standard 执行标准:					ANSI		

TR 电站支柱绝缘子

TR Solid-core Station Post Insulators

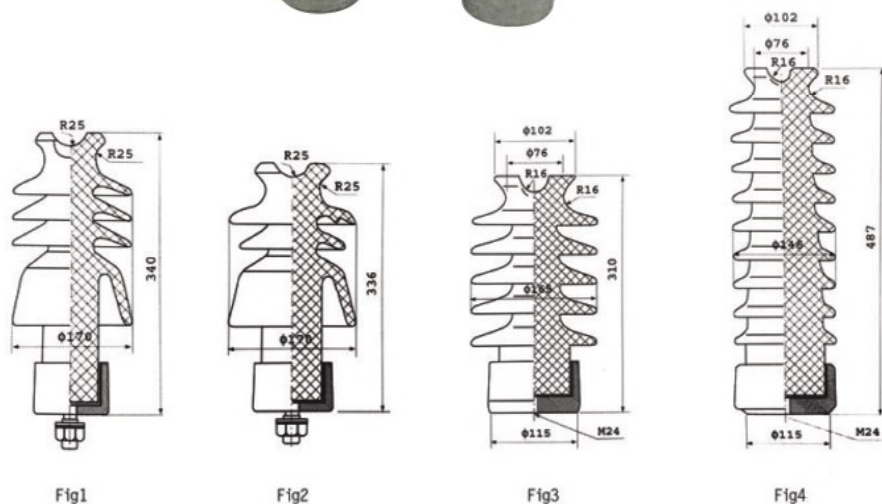


主要性能和尺寸

Main Particulars and Dimensions

Type	产品型号		TR-286	TR-288	TR-308	TR-316
Figure NO.	图号		1	2	3	4
Creepage distance	爬电距离	mm	2515	2946	4191	5029
Cantilever strength	弯曲强度	KN	7.56	6.23	6.45	5.56
Tension strength	拉伸强度	KN	89	89	111	111
Torsion strength	扭转强度	N.M	4520	4520	10170	10170
Compression strength	抗压强度	KN	267	267	333	333
Power frequency flashover voltage 工频闪络电压	Dry 干闪	KV	385	435	575	660
	Wet 湿闪	KV	285	335	475	570
Power frequency withstand voltage 工频冲击耐受电压	Dry 干耐	KV	280	335	465	545
	Wet 湿耐	KV	230	275	385	455
Impulse withstand voltage	冲击耐受电压	KV	275	670	900	1050
Net weight	净重	kg	385	70	120	150

高压线路柱式瓷绝缘子 Line Post Porcelain Insulator

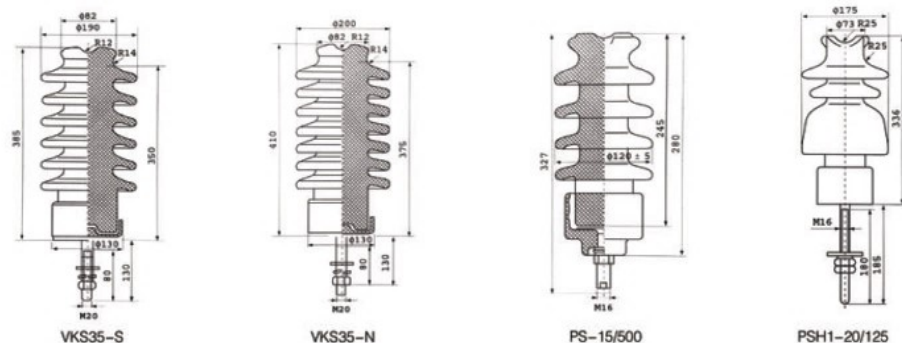


主要性能和尺寸 Main Particulars and Dimensions

产品代号 Cat.NO	图号 Fig.	最小爬电距离 Leakage distance min	最小保护爬距 Protective leakage distance min	最小抗弯破坏负荷 (不小于) Min. Cantilever failing load	一分钟工频湿耐受电压 (不小于) Power-freq. 1min wet withstand voltage	雷电冲击耐受电压 Lightning impulse withstand voltage	重量 Weight	执行标准 Applicable standards
		mm	mm		kV	KV	kg	
11005	1	530	250	12.5	50	150	9.8	IEC 383 AS2947.2
11006	2	500	250	12.5	65	150	9.4	
11002	3	565	220	12.5	50	150	7.5	
11007	4	610	240	12.5	50	150	13.3	

柱式绝缘子 Line Post Insulators

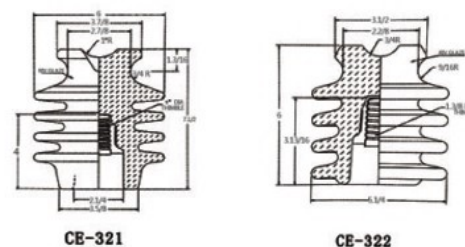
DIN
STANDARD



型号	Cat.NO	泄漏距离 Leakage distance	干弧距离 Dry arcing distance	抗弯强度 Cantilever strength	平均闪络电压 Average flashover voltage KV		无线电干扰电压 Radio influence voltage	
					工频 Power frequency		临界冲击 Critical impulse	
					干Dry	湿Wet	正Positive	负Negative
VKS35-S		900		8	100	70	170	
VKS35-N		720		8	100	70	170	
PS-15/500		375		13	80	60		
PSH1-20/125		520	260	125	90	65	150	
							22	100

Pin Post insulator/针柱式绝缘子

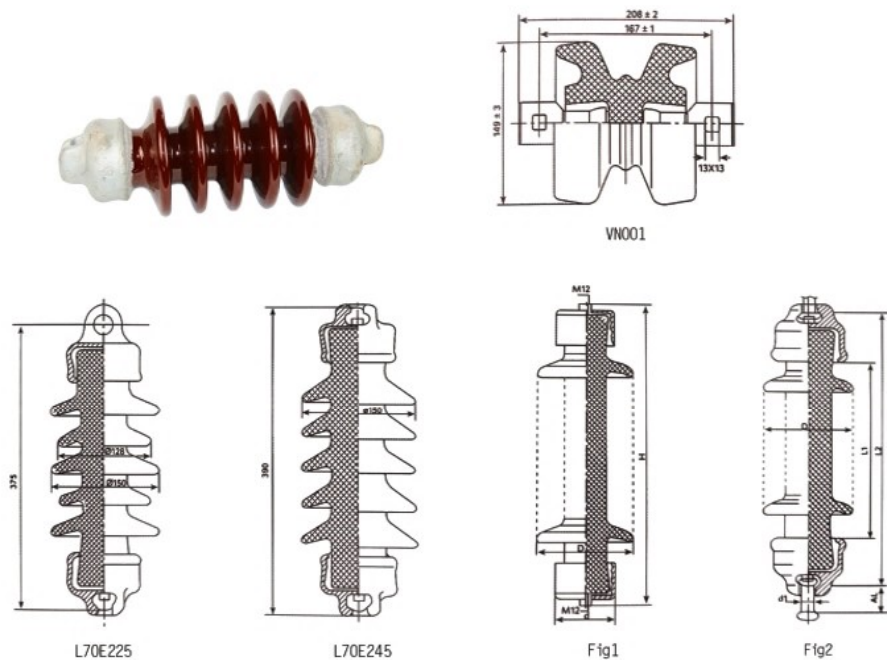
NEMA/ANSI STANDARD



主要性能和尺寸 Main Particulars and Dimensions

Cat.NO	Typical Line Voltage Application (kv)	Leakage distance (mm)	Dry Arcing distance (mm)	Height (mm)	Diameter (mm)	Cantilever Strength (lbs)	Power Frequency Flashover Voltage		Impulse Flashover Voltage		Power Frequency puncture Voltage (kv)	Radio Influence Voltage	
							Dry(kv)	Wet(kv)	Posilive(kv)	Negative(kv)		Test voltage to ground (kv)	Max.RIV at 1MHz(µV)
CE-321	27	458	229	191	152.4	3000	100	70	155	190	160	20	100
CE-322	25	331	172	152	133.4	2500	85	60	140	170	115	15	100

棒形悬式绝缘子
Long Rod Insulator



主要性能和尺寸
Main Particulars and Dimensions

型号 Type	图号 Fig.NO	主要尺寸 Main dimensions			爬电距离 Leakage distance	抗弯破坏负荷 Failing load	抗拉负荷 Tensile breaking	一分钟湿耐压 One minute withstand Voltage wet	冲击电压 Impulse withstand Voltage
		H	D	d					
		mm	mm	mm	mm	kN	kg	KV	KV
HN1-10	1	210	120	86	240			28	75
HN1-15	1	250	126	86	350		1000	38	95
HN1-20	1	295	150	86	480		1000	50	125
HN1-30	1	435	140	86	720		1000	70	170
LR	1	410	180		600		1000	70	120

型号 Type	图号 Fig.NO	主要尺寸 Main dimensions					Creepage distance	1 minute withstand Voltage wet	Impulse withstand Voltage (S1.2/50 wave)	Tensile breaking load (min)	Routine tension load	Average weight of each piece	Contents of each package	Packed weight
		L1	L2	ΔL	D	d1								
		mm	mm	mm	mm	mm	KV	KV	KN	KN	kg	kg	pos	kg
L40BE380	2	380	480	30	170	11	800	95	250	40	24	95	3	40
L60BE315	2	315	488	40	180	16	900	75	170	60	36	11.6	3	47
L70BE380	2	380	550	40	180	16	800	95	250	70	42	14.5	3	56
L100BE550	2	550	895	40	190	16	1200	140	325	100	60	20.5	1	30.5

布线及其他绝缘子
Wiring And Other Insulators



复合悬式绝缘子

Suspension composite insulator



FXBW-1/70 FXBW-1/70 FXBW-12/70 FXBW-15/70 FXBW-24/70 FXBW-28/70 FXBW-33/70 FXBW-35/70 FXBW-36/70

主要技术参数

Main Particulars and Dimensions

型号 Product Type	额定电压 Rated voltage (kv)	额定机械负荷 Rated mechanical bending load (kn)	结构高度 Structure Height H (mm)	最小爬电距离 Min. creepage distance Lc.(mm)	绝缘距离 Insulating distance Li.(mm)	伞径 Diameter of shed D. (mm)	雷电冲击耐受电压 Lightning impulse withstand voltage(peak)	湿工频耐受电压 P.F.wet withstand voltage (virtual value)
FXBW-1/70	1-3	70	280	290	90	130	75	20
FXBW-1/70(2串)	1-3	70	280	290	90	118/93	75	20
FXBW-12/70	12	70	390	180	460	98/88	105	42
FXBW-15/70	15	70	445	225	620	98/88	105	42
FXBW-24/70	24	70	450	235	635	98/88	150	65
FXBW-24/70	24	70	450	265	643	92	150	65
FXBW-28/70	28	70	560	380	1250	92/65	230	95
FXBW-33/70	33	70	560	380	1130	92/62	230	95
FXBW-35/70	35	70	550	390	850	92	230	95
FXBW-36/70	36	70	580	380N	1250	88	230	95

棒形复合悬式绝缘子

Rod suspension composite insulator

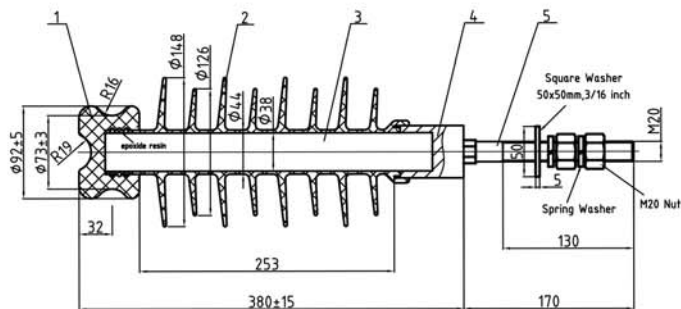
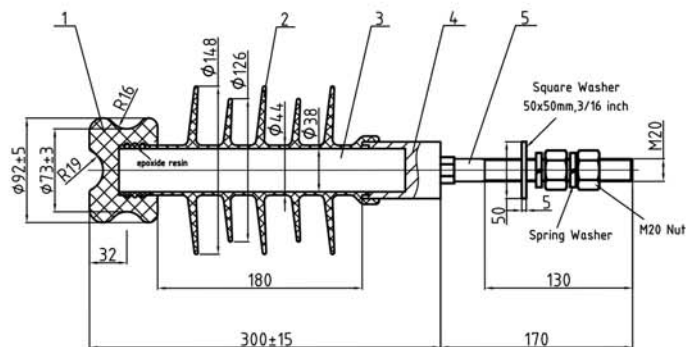


FXBW4-330/160 FXBW4-220/100 FXBW4-145/120 FXBW4-110/100 FXBW4-66/70 FXBW4-35/70 FXBW4-10/70 FXBW4-10/70

主要技术参数

Main Particulars and Dimensions

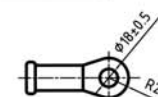
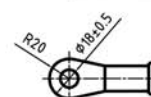
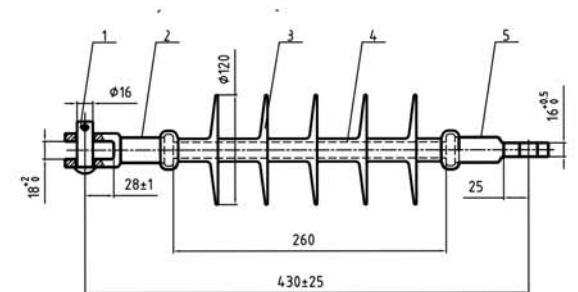
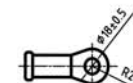
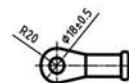
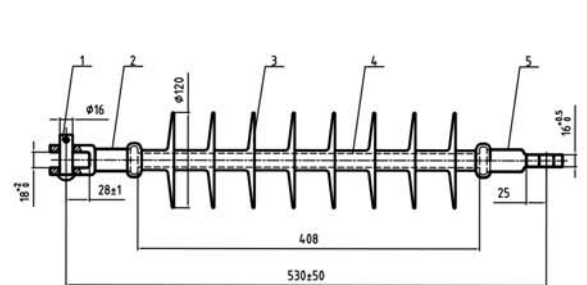
型号 Product Type	额定电压 Rated voltage (kv)	额定机械负荷 Rated mechanical bending load (kn)	结构高度 Structure Height H (mm)	最小爬电距离 Min. creepage distance Lc.(mm)	绝缘距离 Insulating distance Li.(mm)	伞径 Diameter of shed D. (mm)	雷电冲击耐受电压 Lightning impulse withstand voltage(peak)	湿工频耐受电压 P.F.wet withstand voltage (virtual value)
FXBW4-10/70	10	70	400	200	480	148/118	75	42
FXBW4-10/100	10	100	450	200	480	148/118	75	42
FXBW4-35/70	35	70	650	450	1320	148/118	230	95
FXBW4-35/100	35	100	720	520	1600	148/118	230	95
FXBW4-66/77	66	70	900	710	2140	148/118	410	185
FXBW4-66/100	66	100	940	710	2140	148/118	410	185
FXBW4-110/100	110	100	1240	1000	3315	148/118	550	230
FXBW4-145/200	145	120	1480	1240	4123	148/118	725	355
FXBW4-220/100	220	100	2240	1900	6300	148/118	1000	935
FXBW4-220/160	220	160	2240	1900	6300	148/118	1000	395
FXBW4-330/160	330	160	2990	2600	9075	148/118	1425	570



主要技术参数

Main Particulars and Dimensions

型号 Product Type	额定电压 Rated voltage (kv)	额定机械负荷 Rated mechanical bending load (kn)	结构高度 Structure Height H (mm)	最小爬电距离 Min. creepage distance Lc.(mm)	绝缘距离 Insulating distance Li.(mm)	伞径 Diameter of shed D.(mm)	雷电冲击耐受电压 Lightning impulse withstand voltage(peak)	湿工频耐受电压 P.F.wet withstand voltage (virtual value)
FPS-24/12.5	24	12.5	300	620	200	148/126	150	70
FPS-35/12.5	35	12.5	380	875	265	148/126	190	105



主要技术参数

Main Particulars and Dimensions

型号 Product Type	额定电压 Rated voltage (kv)	额定机械负荷 Rated mechanical bending load (kn)	结构高度 Structure Height H (mm)	最小爬电距离 Min. creepage distance Lc.(mm)	绝缘距离 Insulating distance Li.(mm)	伞径 Diameter of shed D.(mm)	雷电冲击闪络电压 Lightning impulse flashover voltage(peak)	湿工频闪络电压 P.F.wet flashover voltage (virtual value)
FXB-24/70CT	24	70	430	600	290	120	190	100
FXB-36/70CT	36	70	530	900	415	120	240	110

• Composite Horizontal Line Post Insulator in Silicone Rubber Type RL-FC*



Dimensions tolerance acc.to IEC 61952

Selection Guide (Line Voltage, kV)						Catalogue Code (◆)	Specified Cantilever Load kN	N° of Sheds A n° (1)	Length L ±5 mm	Leakage distance mm	Dry arc distance mm	Power frequency withstand 50Hz Dry kV Wet kV		Lightning impul. Withstand 1,2/50 posit kV negat. kV		Weight ~kg
12	17	24	36	45	52											
						RL-FC-*	10,0	2+1	365	390	165	70	65	115	160	6,5
						RL-FC-*	8,4	3+2	420	585	225	110	100	150	190	7,0
						RL-FC-*	7,2	4+3	480	780	285	120	110	180	215	7,5
						RL-FC-*	6,3	5+4	540	975	340	150	140	235	270	8,0
						RL-FC-*	5,5	6+5	600	1170	400	170	155	270	300	8,5
						RL-FC-*	5,0	7+6	660	1365	460	180	165	285	325	9,0
						RL-FC-*	4,5	8+7	715	1560	520	200	185	305	355	9,5
						RL-FC-*	4,2	9+8	775	1755	575	225	210	345	405	10,0

NOTE: Once chosen the insulator that is the most suitable to the characteristics of the line on which you have to install it, in order to obtain the total length of the insulator (L), please select the kind of fitting end you have to use and make the opportune correction with reference to the following table:

Ground fitting	Line fitting	Code (2)	Length change(L)
Fitting GB	Fitting HC	HCGB	0
Fitting M	Fitting HC	HCM	+36
Fitting R	Fitting HC	HCR	-78
Fitting GB	Fitting B	BGB	+9
Fitting M	Fitting B	BM	+44
Fitting R	Fitting B	BR	-69
Fitting GB	Fitting C	CGB	-40
Fitting M	Fitting C	CM	-150
Fitting R	Fitting C	CR	-105

Specified Cantilever Load	SCL-IEC 61952
Max.Design Cantilever Load	MDCL=65%of SCL
Specified Tensile Load(STL)	15kN
Max. design compression	15kN
Max. design torsion	15daN*m

The SCL can be increased,please contact us.

The metal fittings can be in aluminium or galvanized steel.

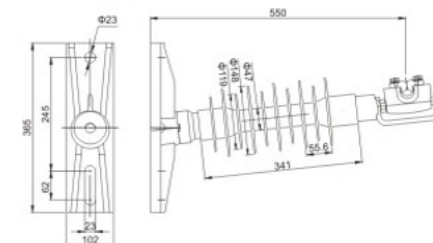
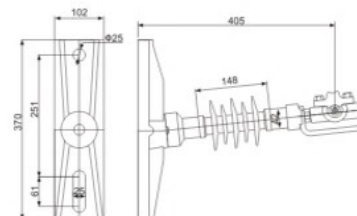
(◆)Key to the catalogue numbers
Key:ISI-FC-A(1)-(2)
Example:ISI-FC-A4+3-HCGB

Please don't hesitate to contact us directly for obtaining possible explanations or different solutions.

These insulators are produced and tested according to IEC 61952.
It's possible to have all the other combinations.

复合绝缘子系列
Composite insulator series

• Composite Horizontal Line Post Insulator in Silicone Rubber Type RL-FC-*

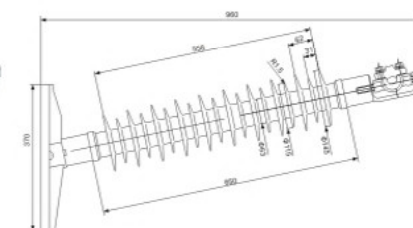


- 15KV LINE POST INSULATOR

Nominal System Voltage	Frequency	Cantilever Strength	Min. Creepage Distance	Standard
15KV	50/60Hz	10KN	400mm	IEC61952

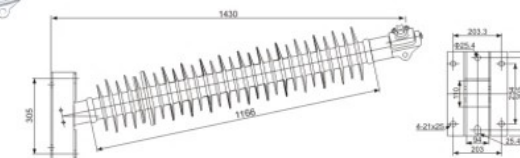
- 33KV LINE POST INSULATOR

Nominal System Voltage	Frequency	Cantilever Strength	Min. Creepage Distance	Standard
33KV	50/60Hz	10KN	1120mm	IEC61952



• 66/72KV LINE POST INSULATOR

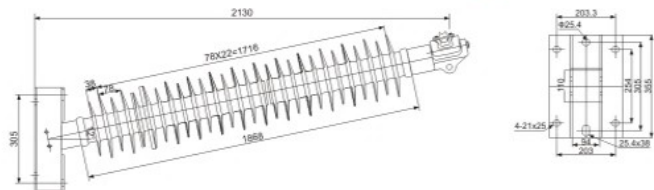
Housing Materials	Endfitting Materials	Rod Materials	Net Weight	Power frequency withstand voltage dry one minute	wet one minute	Lightning impulse withstand voltage	Maximum design Cantilever Load	Creepage Distance
Silicone Rubber	Steel & Alu	Fiber Glass	11.5KGS	215kV	170kV	350kV	10.5kN	1950mm



- 132KV LINE POST INSULATOR

Normal System Voltage	Highest System Voltage	Cantilever strength	Tensile strength	Leakage distance	Dry arcing distance	Overall length	Impulse Test Voltage Positive	Impulse Test Voltage Negative	Power Frequency Dry Flashover Voltage	Power Frequency Wet Flashover Voltage
132KV	145KV	12KN	10KN	4292MM	1166MM	1298MM	874KV	930KV	529KV	470KV

• Composite Horizontal Line Post Insulator in Silicone Rubber Type RL-FC-*



- 220KV LINE POST INSULATOR

Nominal System Voltage	Highest System Voltage	Cantilever strength	Tensile strength	Leakage distance	Dry arcing distance
220KV	245KV	8KN	6KN	7060MM	1868MM

- 复合针式绝缘子 Pin-type composite Insulator

本产品适用于高压线路设施。具有良好的憎水性、抗老化性、耐漏电起痕性和耐电蚀损性，具有很高的抗张强度和抗弯强度，其机械强度高，抗冲击性能、防震和防脆断性能好，重量轻、安装方便，其顶部和底部安装尺寸与相应的瓷针式安装尺寸相同，可以互换使用。

This product is applied to high voltage power line service. And have features of good hydrophobicity, anti-ageing, anti-leakage trace and electric erode proof, tensile strength and bending strength, strong mechanical strength, shock resistance good quakeproof and brittle failure proof, light weight, easy to installation, and the installation size of top and base are the same size with porcelain in type, they can exchange to use each other.



• 主要技术参数 Main technical parameters

产品型号 Product Model	额定电压 Rated Voltage	额定机械负荷 Rated mechanical Bending load(KN)	结构高度 Structure height H.(mm)	绝缘距离 Insulating distance Li.(mm)	最小公称爬电距离 Min Creepage distance (mm)	雷电冲击耐受电压峰值 Lightning impulse withstand voltage (peak)(kV)	工频耐受电压有效值 P.F.withstand voltage (virtual value)(kV)
FPQ-10/4T20	10	4	215	125	280	75	42
FPQ-10/5T20	10	5	250	165	420	105	42
FPQ-24/6	24	6	305	255	715	150	75
FPQ-36/8	36	8	440	320	1000	185	95
FPQ-52/12	52	12	480	415	1255	220	110

- 复合支柱绝缘子 Post composite insulator

本产品适用于电站设施,具有良好的憎水性、抗老化性、耐漏电起痕性和耐电蚀损性,具有很高的抗张强度和抗弯强度,其机械强度高,抗冲击性能、防震和防脆断性,重量轻、安装方便,其顶部和底部安装尺寸与相应的瓷支柱安装尺寸相同,可以互换使用。

This product is applied to high voltage power line service. And have features of good gydrophobicity, anti-ageing, anti-leakage trace and electric erode proof, tensile strength and bending strength, strong mechanical strength, shock resistance, good quakeproof and brittle failure proof, light weight, easy to installation, and the installation outline of top and base are the same size with porcelain in type, they can exchange to use each other.



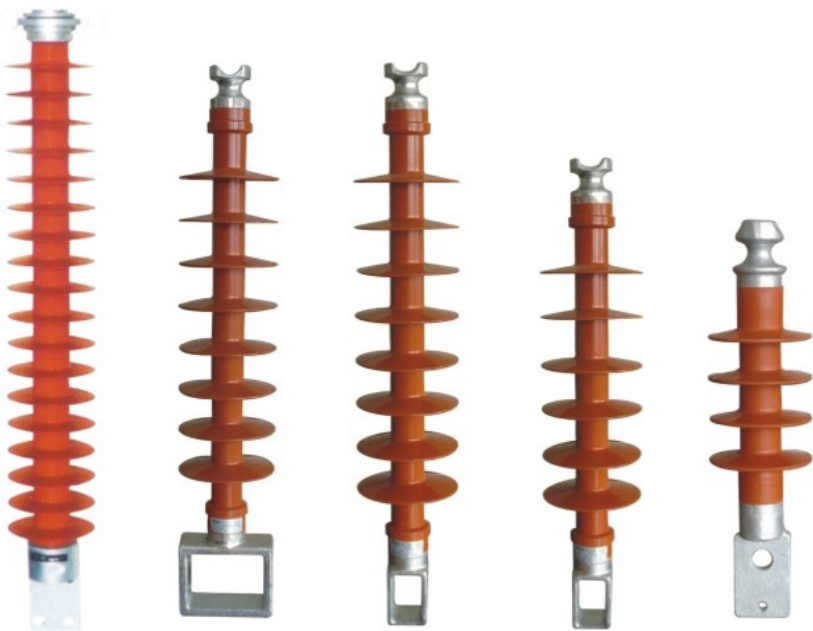
• 主要技术参数 Main technical parameters

产品型号 Product Model	额定电压 Rated Voltage	额定机械负荷 Rated mechanical Bending load(KN)	结构高度 Structure height H.(mm)	绝缘距离 Insulating distance Li.(mm)	最小公称爬电距离 Min Creepage distance (mm)	伞径 Diameter of shed D.(mm)	雷电冲击耐受电压峰值 Lightning impulse withstand voltage (peak)(kV)	工频耐受电压有效值 P.F.withstand voltage (virtual value)(kV)
FZSW-10/4	10	4	215	125	290	100/90	75	42
FZSW-24/8	24	8	300	220	750	133/93	150	65
FZSW-35/6	35	6	450	360	946	148/118	185	95
FZSW-66/6	66	6	760	630	1886	160/130	410	185
FZSW-66/10	66	10	760	630	2010	220/190	410	185
FZSW-110/10	110	10	1220	1080	3530	220/190	500	230
FZSW-220/8	220	8	2440	2200	7060	220/190	1000	395

• 复合横担绝缘子 Cross-arm composite insulator

本产品适用于城网技术改造,能有效地利用城市狭窄的走廊面积升压送电,可降低杆塔高度,节约大量的财力物力。由于其弯曲强度高,可防止瓷横担容易出现的级连断裂事故,而且耐污性能好,是瓷横担无法替代的产品。

These products for the urban net rebuild can effectively solve the shortage of corridor in urban power line, reduce the pole height and economy lots of financial and material resources. Because of the high strength, to avoid the porcelain cross-arm cannot instead of it.



• 主要技术参数 Main technical parameters

产品型号 Product Model	额定电压 Rated Voltage	额定机械负荷 Rated mechanical load(KN)	结构高度 Structure height H.(mm)	绝缘距离 Insulating distance Li.(mm)	最小公称爬电距离 Min Creepage distance (mm)	伞径 Diameter of shed D.(mm)	雷电冲击耐受电压峰值 Lightning impulse withstand voltage (peak)(kV)	工频耐受电压有效值 P.F.withstand voltage (virtual value)(kV)
FS-10/5	10	5	250	180	380	90	75	42
FS-15/6	15	6	440	250	250	80	140	70
FSW-35/5	35	5	645	490	490	145/115	265	95
FS35/6	35	6	645	490	490	142	265	95
FS-110/10	110	10	1260	1100	1100	170	550	230

• 复合干式穿墙套管 Dry wall composite bushing

本产品是一种新型的穿墙套管,其内绝缘使用新型绝缘材料,外绝缘使用高性能高温硫化硅橡胶,具有优异的耐污能力和防爆性能,符合电力部门无油化、小型化的发展趋势,是满足城乡电网改造要求的新一代高压产品。

This product is a new model wall-through bushing, which used new model insulating material in the internal insulation, and used high performance, high temperature silicon sulfide hydrocarbon in the external insulation, and have fine anti-pollution and explosion proof performance, it accords with the trend in development of non-oil and minaturization of the power department, it is satisfied with the requirement of the urban & rural electrical net rebuild of the new generation high voltage products



• 主要技术参数 Main technical parameters

产品型号 Product Model	额定电压 Rated Voltage	额定电流 Rated current (A)	雷电冲击耐受电压峰值 Lightning impulse withstand voltage (peak)(kV)	工频耐受电压有效值 P.F.wet withstand voltage(virtual value) (kV)	弯曲破坏负荷 Bending break load (N)	允许弯曲负荷 Permitted bending load (N)
FGCW-10/200-630	10	200-630	75	30	120	625
FGCW-35/630-1600	35	630-1600	200	80	1250	625
FGCW-66/630-1600	66	630-1600	325	147	1250	625
FGCW-110/630-1600	110	630-1600	550	230	1250	625

• 电气化铁道用复合绝缘子 Composite Insulator for electric-railway

本产品适用于运行条件复杂的电气化铁路隧道,能有效地防止污闪事故,减少清扫维护工作量。由于其尺寸小,在隧道净空较小时,是瓷、玻璃绝缘子无法替代的产品。

The products are suitable for electric-railway of complex operation conditions, can effectively prevent flash accidents and decrease the times of clear and maintenance, because of small volume, and when in the tunnel is clear products of porcelain, glass insulator can not instead of it.

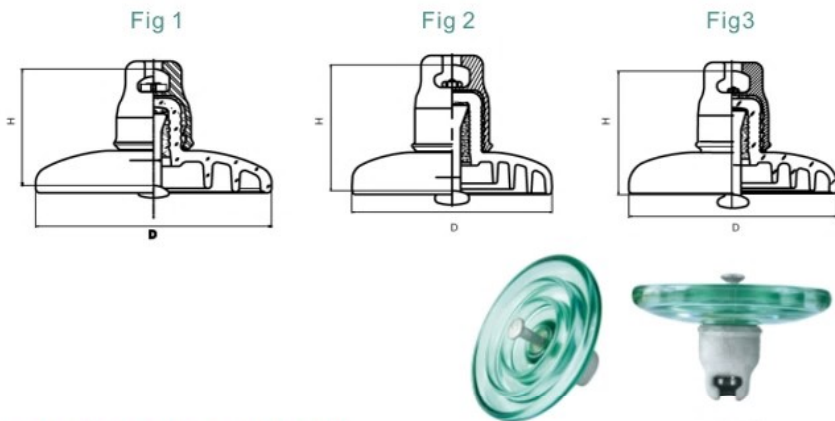


• 主要技术参数 Main technical parameters

产品型号 Product Model	额定电压 Rated Voltage	额定机械负荷 Rated mechanical load(KN)	雷电冲击耐受电压峰值 Lightning impulse withstand voltage (peak)(kV)	工频耐受电压有效值 P.F.wet withstand voltage(virtual value) (kV)	最小公称爬电距离 Min Creepage distance (mm)	结构高度 Structure height H.(mm)
FQX1-25	25	60	270	130	1400	650
FQX2-25	25	60	270	130	1400	840
FQX3-25	25	60	270	130	1400	930
FQX4-25	25	60	270	130	1400	645
FQE1-25	25	60	270	130	1400	760
FQE2-25	25	60	270	130	1400	806
FQE3-25	25	60	270	130	1400	836
FQE4-25	25	60	270	130	1400	695

标准型盘形悬式玻璃绝缘子

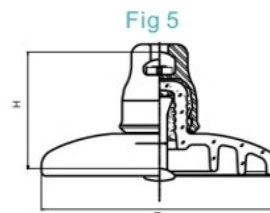
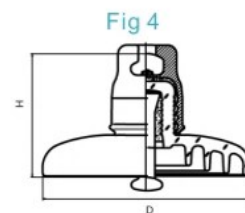
Toughened Glass Suspension Insulator of Standard Type



标准型盘形悬式玻璃绝缘子主要技术参数

The parameters for Standard Type Toughened Glass Suspension Insulator

通用代号	工厂型号	图号	公称直径 D	结构高度 H	公称爬电距离 L	连接标记	机械破坏负荷 (kN)	单个拉伸破坏负荷 (kN)	工频湿耐受电压 (kV)	雷电冲击耐受电压 (kV)	冲击空电压 (PU)	工频击穿电压 (kV)	无线电干扰电压 (uV)	可见电晕测试 (cap/4m)	工频电弧试验	绝缘子单片净重 (Kg)
			(mm)	(mm)	(mm)											
IEC designation	JLH designation	Drawing number	Diameter D	Spacing H	Creepage distance L	Size of coupling	Mechanical failing load (kN)	Mechanical routine test (kN)	power frequency withstand voltage (wet) (kV)	Lighting impulse withstand voltage (dry) (kV)	Impulse puncture voltage (PU)	Power frequency puncture voltage (kV)	Radio interference voltage (10kV, 1MHz) (uV)	Corona test (cap/4m) (kV)	Power frequency electric arc test	Net weight per unit (Kg)
U40B/110	LXP-40	1	175	110	190	11	40	20	25	50	2.8	90	50	18/22	0.12s/20kA	2.1
U70B/140	LXP3-70	1	255	140	320	16	70	35	40	105	2.8	130	50	18/22	0.12s/20kA	3.6
U70B/146	LXP-70	1	255	146	320	16	70	35	40	105	2.8	130	50	18/22	0.12s/20kA	3.6
U70B/127	LXP2-70	1	255	127	320	16	70	35	40	105	2.8	130	50	18/22	0.12s/20kA	3.5
U100B/146	LXP-100	1	255	146	320	16	100	50	40	105	2.8	130	50	18/22	0.12s/20kA	4
U100B/127	LXP2-100	1	255	127	320	16	100	50	40	105	2.8	130	50	18/22	0.12s/20kA	4
U120B/146	LXP-120	1	255	146	320	16	120	60	40	105	2.8	130	50	18/22	0.12s/20kA	4
U120B/127	LXP2-120	1	255	127	320	16	120	60	40	105	2.8	130	50	18/22	0.12s/20kA	4
U160B/170	LXP-160	1	280	170	400	20	160	80	45	110	2.8	130	50	18/22	0.12s/20kA	6.7
U160B/155	LXP3-160	1	280	155	400	20	160	80	45	110	2.8	130	50	18/22	0.12s/20kA	6.6
U160B/146	LXP4-160	1	280	146	400	20	160	80	45	110	2.8	130	50	18/22	0.12s/20kA	6.5
U210B/170	LXP3-210	1	280	170	400	20	210	105	45	110	2.8	130	50	18/22	0.12s/20kA	7.2
	LXP2-210	1	280	170	450	20	210	105	50	125	2.8	130	50	18/22	0.12s/20kA	7.3
U240B/170	LXP-240	2	280	170	400	20	240	120	45	110	2.8	130	50	18/22	0.12s/20kA	7.2
	LXP1-240	2	280	170	400	24	240	120	45	110	2.8	130	50	18/22	0.12s/20kA	7.5
	LXP2-240	2	280	170	450	24	240	120	50	125	2.8	130	50	18/22	0.12s/20kA	7.6
U300B/195	LXP3-300	3	320	195	485	24	300	150	50	130	2.8	130	50	18/22	0.12s/20kA	10.6
U420B/205	LXP-420(400)	3	360	205	550	28	420(400)	210(200)	50	140	2.8	130	50	18/22	0.12s/20kA	16
U550B/240	LXP-550(530)	3	380	240	620	32	550(530)	275(265)	55	140	2.8	130	50	18/22	0.12s/20kA	21.5
U760B/280	LXP-760	3	390	240	710	32	760	380	55	140	2.8	130	50	18/22	0.12s/20kA	23.2
U900B/280	LXP-900	3	410	280	720	36	900	450	55	140	2.8	130	50	18/22	0.12s/20kA	28



为此电力行业委员会颁发了DL/T 1122《架空输电线路外绝缘配置技术导则》规定出：统一爬电比距与其有效系数K，如普通型、空气动力型、双伞型K为1.0；钟罩防污、钟罩深棱型在不同污秽区的K为0.8或0.9。线路外绝缘绝缘子串的泄漏比距要换算为有效爬电比距。

恒森达公司根据原普通型绝缘子风吹雨冲刷自洁性能佳，相同爬电距离下耐污压效果好，运行单位更换方便的实际情况和满足DL/T1122的有效系数K，开发出70kN、100kN、120kN直径Φ320mm、爬电距离490mm；160kN、210kN、240kN直径Φ360mm、爬电距离550mm的大爬距普通型绝缘子。它的风吹雨冲刷自洁性能等同原普通型，有效耐污性能高，停电更换或带电作业更换摘开钢脚、钢帽连接方便，得到了线路运行单位的青睐。特别是70kN~120kN等级，其爬电距离比同等级防污型的大，110kV~330kV电压等级线路，若按相应电压等级的复合绝缘子结构高度来配置大直径普通型玻璃绝缘子，其有效爬电比距远大于严重污秽区的污秽等级，同时提高了线路的耐污水平。可取消目前不合理大面积使用复合绝缘子的弊端，免除运行8~10年后更换淘汰工作量。

For this reason, the Standardization Administration of Power Industry prepared and published DL/T 1122 Technical Guide Rules for External Insulation Configuration of Suspended Transmission Lines, which stipulates the unified specific creepage distance and its effective coefficient K that is 1.0 for common, aerodynamic and double-shed insulators, 0.8 or 0.9 for bell-shape anti-pollution insulators and bell-shape deep under-rib insulators in the different areas. In such case, the specific leakage distance of the insulator string for transmission line external insulation has to be converted into the effective specific leakage distance.

大盘径盘形悬式玻璃绝缘子主要技术参数

The parameters for Long Creepage Distance of Toughened Glass Suspension Insulator

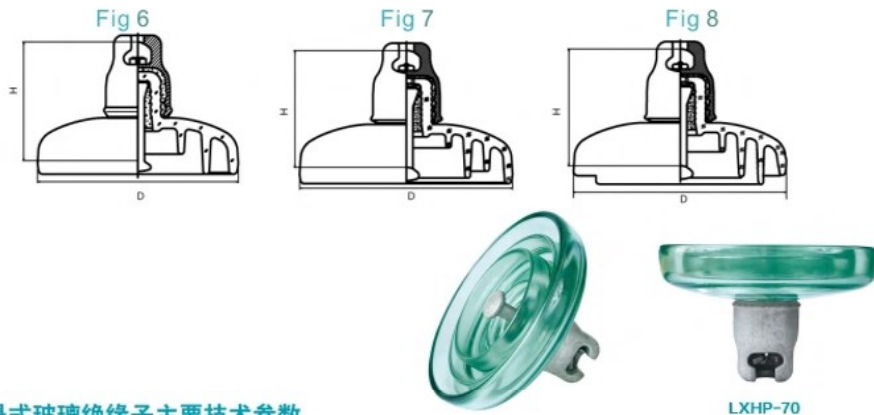
通用代号	工厂型号	图号	公称直径 D	结构高度 H	公称爬电距离 L	连接标记	机械破坏负荷 (kN)	单个拉伸破坏负荷 (kN)	工频湿耐受电压 (kV)	雷电冲击耐受电压 (kV)	冲击空电压 (PU)	工频击穿电压 (kV)	无线电干扰电压 (uV)	可见电晕测试 (cap/4m)	工频电弧试验	绝缘子单片净重 (Kg)
			(mm)	(mm)	(mm)											
IEC designation	JLH designation	Drawing number	Diameter D	Spacing H	Creepage distance L	Size of coupling	Mechanical failing load (kN)	Mechanical routine test (kN)	power frequency withstand voltage (wet) (kV)	Lighting impulse withstand voltage (dry) (kV)	Impulse puncture voltage (PU)	Power frequency puncture voltage (kV)	Radio interference voltage (10kV, 1MHz) (uV)	Corona test (cap/4m) (kV)	Power frequency electric arc test	Net weight per unit (Kg)
U70B/146	LXP6-70	4	320	146	500	16	70	35	40	100	2.8	130	50	18/22	0.12s/20kA	5.9
U100B/146	LXP6-100	4	320	146	500	16	100	50	40	100	2.8	130	50	18/22	0.12s/20kA	5.9
U120B/146	LXP6-120	4	320	146	500	16	120	60	40	100	2.8	130	50	18/22	0.12s/20kA	5.9
U160B/155	LXP6-160	5	360	155	550	20	160	80	45	110	2.8	130	50	18/22	0.12s/20kA	10.1
U210B/170	LXP6-210	5	360	170	550	20	210	105	45	110	2.8	130	50	18/22	0.12s/20kA	10.1
U240B/170	LXP6-240	5	360	170	550	24	240	120	45	110	2.8	130	50	18/22	0.12s/20kA	10.2



120kN直径Φ320mm爬电距离490mm
120kN Dia. Φ320mm, Creepage Length 490mm Insulator

耐污型盘形悬式玻璃绝缘子

Toughened Glass Suspension Insulator of antifog type



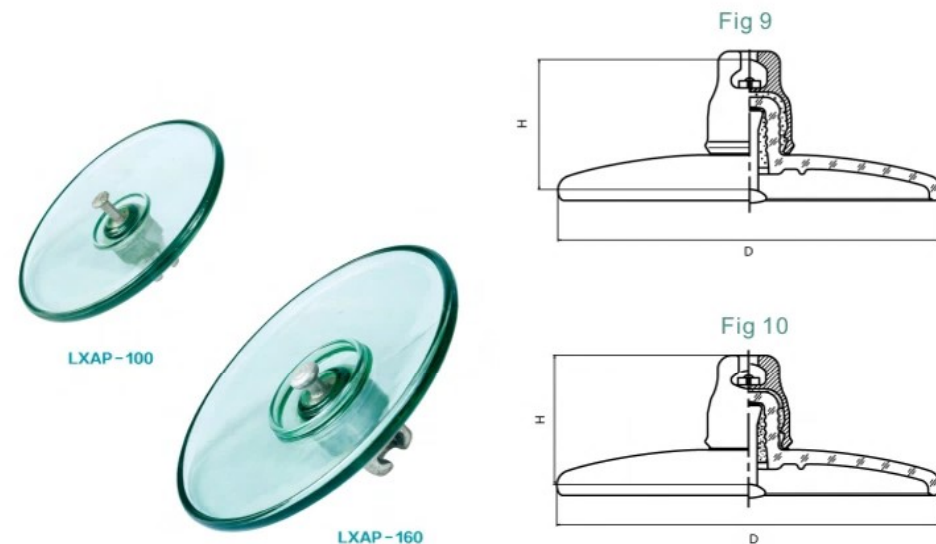
耐污型盘形悬式玻璃绝缘子主要技术参数

The parameters for antifog Type Toughened Glass Suspension Insulator

通用代号	工厂型号	图号	公称直径 D	结构高度 H	公称爬电 距离L	连接标记	机械破坏 负荷	单个拉伸 破坏负荷	工频湿 耐受电压	雷电冲击 耐受电压	冲击电压 电压	工频击穿 电压	无线电 干扰电压	可见电晕 测试电压	工频电弧 试验	绝缘子 单片净重
IEC designation	JLH designation	Drawing number	Diameter D (mm)	Spacing H (mm)	Creepage distance L (mm)	Size of coupling	Mechanical failing load (kN)	Mechanical routine test (kN)	power frequency withstand voltage(wet) (kV)	Lighting impulse withstand voltage (dry) (kV)	Impulse puncture voltage (PU) (kV)	Power frequency puncture voltage (kV)	Radio interference voltage (10kV, 1MHz) (uV)	Corona test (cap&pin) (kV)	Power frequency electric arc test	Net weight per unit (Kg)
U70BP/146H	LXHP4-70	6	255	146	400	16	70	35	45	110	2.8	130	50	18/22	0.12s/20kA	4.6
	LXHP5-70	6	280	146	450	16	70	35	50	125	2.8	130	50	18/22	0.12s/20kA	5.8
	LXHP6-70	6	320	146	550	16	70	35	55	140	2.8	130	50	18/22	0.12s/20kA	9.2
	LXHP3-100	6	255	146	400	16	100	50	45	110	2.8	130	50	18/22	0.12s/20kA	5.4
U100BP/146H	LXHP4-100	6	280	146	450	16	100	50	50	125	2.8	130	50	18/22	0.12s/20kA	5.8
	LXHP6-100	6	320	146	550	16	100	50	55	140	2.8	130	50	18/22	0.12s/20kA	9.2
	LXHP3-120	6	255	146	400	16	120	60	45	110	2.8	130	50	18/22	0.12s/20kA	5.4
U120BP/146H	LXHP4-120	6	280	146	450	16	120	60	50	125	2.8	130	50	18/22	0.12s/20kA	5.8
	LXHP6-120	6	320	146	550	16	120	60	55	140	2.8	130	50	18/22	0.12s/20kA	9.2
U160BP/155H	LXHP3-160	6	280	155	450	20	160	80	50	125	2.8	130	50	18/22	0.12s/20kA	7.1
	LXHP6-160	6	320	155	550	20	160	80	55	140	2.8	130	50	18/22	0.12s/20kA	9.5
U160BP/170H	LXHP4-160	6	280	170	450	20	160	80	50	125	2.8	130	50	18/22	0.12s/20kA	7.2
	LXHP5-160	6	320	170	550	20	160	80	55	140	2.8	130	50	18/22	0.12s/20kA	9.6
U210BP/170H	LXHP3-210	6	320	170	550	20	210	105	55	140	2.8	130	50	18/22	0.12s/20kA	10.2
U210BP/155H	LXHP4-210	6	320	155	550	20	210	105	55	140	2.8	130	50	18/22	0.12s/20kA	10.1
U240BP/170H	LXHP3-240	7	320	170	550	20	240	120	55	140	2.8	130	50	18/22	0.12s/20kA	10.2
	LXHP4-240	7	320	170	550	24	240	120	55	140	2.8	130	50	18/22	0.12s/20kA	10.4
U300BP/195H	LXHP-300	8	390	195	690	24	300	150	60	155	2.8	130	50	18/22	0.12s/20kA	15
	LXHP2-300	8	340	195	550	24	300	150	55	140	2.8	130	50	18/22	0.12s/20kA	12.5
	LXHP3-300	8	380	195	635	24	300	150	60	155	2.8	130	50	18/22	0.12s/20kA	14.5
U400BP/205	LXHP-400(420)205	8	380	205	620	28	400(420)	200(210)	55	125	2.8	130	50	18/22	0.12s/20kA	15.2
U530BP/240	LXHP-530(550)240	8	380	240	620	32	530(550)	265(275)	55	125	2.8	130	50	18/22	0.12s/20kA	21.5

空气动力型盘形悬式玻璃绝缘子

Toughened Glass Suspension Insulator of open air profile Type

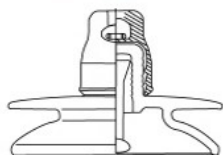


空气动力型盘形悬式玻璃绝缘子主要技术参数

The parameters for open air profile Toughened Glass Suspension Insulator

通用代号	工厂型号	图号	公称直径 D	结构高度 H	公称爬电 距离L	连接标记	机械破坏 负荷	单个拉伸 破坏负荷	工频湿 耐受电压	雷电冲击 耐受电压	冲击电压 电压	工频击穿 电压	无线电 干扰电压	可见电晕 测试电压	工频电弧 试验	绝缘子 单片净重
IEC designation	JLH designation	Drawing number	Diameter D (mm)	Spacing H (mm)	Creepage distance L (mm)	Size of coupling	Mechanical failing load (kN)	Mechanical routine test (kN)	power frequency withstand voltage(wet) (kV)	Lighting impulse withstand voltage (dry) (kV)	Impulse puncture voltage (PU) (kV)	Power frequency puncture voltage (kV)	Radio interference voltage (10kV, 1MHz) (uV)	Corona test (cap&pin) (kV)	Power frequency electric arc test	Net weight per unit (Kg)
U70B/146M	LXAP-70	9	380	146	365	16	70	35	45	90	2.8	130	50	18/22	0.12s/20kA	5.3
U100BP/127M	LXAP-100	9	380	146	365	16	100	50	45	90	2.8	130	50	18/22	0.12s/20kA	5.2
U120BP/127M	LXAP1-120	9	380	127	365	16	120	60	45	90	2.8	130	50	18/22	0.12s/20kA	5.3
U120BP/146M	LXAP-120	9	380	146	365	16	120	60	45	90	2.8	130	50	18/22	0.12s/20kA	5.4
U160BP/146M	LXAP1-160	10	420	146	380	20	160	80	50	95	2.8	130	50	18/22	0.12s/20kA	7.2
U160BP/155M	LXAP-160	10	420	155	380	20	160	80	50	95	2.8	130	50	18/22	0.12s/20kA	7.2
U210BP/170M	LXAP-210	10	420	170	380	20	210	105	50	95	2.8	130	50	18/22	0.12s/20kA	7.3
U240BP/170M	LXAP-240	10	420	170	380	24	240	120	50	95	2.8	130	50	18/22	0.12s/20kA	7.5
U300BP/195M	LXAP-300	10	450	195	450	24	300	150	50	95	2.8	130	50	18/22	0.12s/20kA	10

Fig 11



多伞型盘形悬式玻璃绝缘子主要技术参数
The parameters for multi-shells type Glass Suspension Insulator

工厂型号	图 号	机械破坏 负荷 (kN)	公称直径 D	结构高度 H	公称爬电 距离L	连接标记	50%雷电冲击 闪络电压 (峰值) kV, 不小于	工频电压(有效值) kV, 不小于		绝缘子 单片净重 (Kg)
			(mm)					1min 湿闪络	击穿	
JLH designation	Drawing number	Mechanical failing load (kN)	Diameter D	Spacing H	Creepage distance L	Size of coupling	50% Dry lightning impulse flashover voltage(peak) KV, not less than	Power frequency voltage(effective value), not less than (KV)		Net weight per unit (Kg)
			(mm)					1min wet flashover	Puncture	
LXWP-160	11	160	310	146	450	20	110	45	120	9.2
LXWP1-160	11	160	310	155	450	20	110	45	120	9.3
LXWP2-160	11	160	310	170	450	20	110	45	120	9.4
LXWP-210	11	210	310	155	450	20	110	45	120	9.3
LXWP-(240)	11	240	310	170	450	20	110	45	120	9.5



多伞型 MULTI-SHELLS TYPE

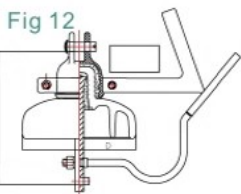


Fig 12

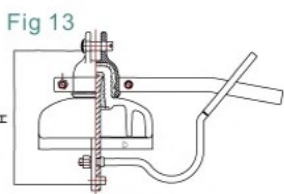


Fig 13



LXDP-70/100

地线型盘形悬式玻璃绝缘子主要技术参数
The parameters for the earthwire type toughened glass suspension insulator

通用代号	工厂型号	图 号	公称直径 D	结构高度 H	公称爬电 距离L	机械破坏 负荷	工频击穿 电压	20mm间隙 工频放电电压		15mm间隙2500V 工频放电电压	电极耐弧能力 (工频下 不击穿)	电极耐弧能力 (不小于 时间)	耐弧能力 (不小于) 次数	绝缘子 单片净重	
			(mm)			(kN)	(kV)	上限值	下限值	感性电流	容性电流	(s)	(次)		
			Diameter D	Spacing H	Creepage distance L			Mechanical failing load	Power frequency puncture voltage	Extinguished arc current at power frequency refresh voltage 2500V, with 15mm gap distance (kA)					Electrode performance of withstand arc current (power frequency current)
IEC designation	JLH designation	Drawing number	(mm)			(kN)	(kV)	Max	Min	Inductance current	Capacitance current	(kA)	(s)	(Hz)	Net weight per unit
U70C/200	LXDP-70C	12	200	210	220	70	130	30	8	35	20	10	0.2	2	4.5
U70CN/200	LXDP-70CN	13	200	210	220	70	130	30	8	35	20	10	0.2	2	4.5
U100C/200	LXDP-100C	12	200	210	220	100	130	30	8	35	20	10	0.2	2	4.5
U100CN/200	LXDP-100CN	13	200	210	220	100	130	30	8	35	20	10	0.2	2	4.5

地线型 EARTHWIRE TYPE

直流型盘形悬式玻璃绝缘子
Toughened Glass Suspension Insulator of DC Type



LXZY-160



LXAP-550

Fig 14

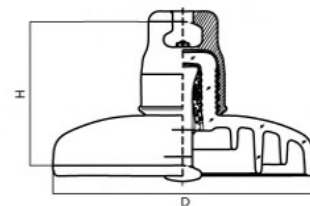
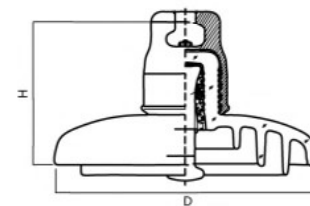


Fig 15



直流型盘形悬式玻璃绝缘子主要技术参数
The parameters for DC Toughened Glass Suspension Insulator

通用代号	工厂型号	图 号	机械破坏 负荷 (kN)	逐个拉伸 破坏负荷 (kN)	公称直径 D	结构高度 H	公称爬电 距离L	连接标记	雷电全波冲击 干耐受电压 (5片) (±kV)	正极性直流 干(湿)耐受 电压 (±kV)	SF6 击穿耐受 电压 (±kV)	绝缘子 单片净重 (Kg)
					(mm)							
					Diameter D	Spacing H	Creepage distance L					
IEC designation	JLH designation	Drawing number	Mechanical failing load (kN)	Mechanical routine test (kN)	(mm)			Size of coupling	Dry lightning impulse all wave withstand voltage (±kV)	Anodic dc dry (wet) withstand voltage (±kV)	SF6 puncture withstand voltage (±kV)	Net weight per unit (Kg)
U210BP/190T	LXZY-160	14	160	80	320	170	550	20	550	140(55)	210	9.5
	LXZY-210	14	210	105	320	170	550	20	550	140(55)	210	10.2
	LXZY-240	14	240	120	320	170	550	24	550	140(55)	210	10.4
U300BP/195T	LXZY-300	14	300	150	380	195	635	24	610	150(60)	225	14.5
	LXZY1-300	14	300	150	400	195	710	24	610	150(60)	225	15
	LXZY2-300	14	300	150	340	195	550	24	580	140(55)	210	12.5
U550BP/240H	LXZY-400(420)	15	400(420)	200(210)	360	205	550	28	505	150(65)	225	14.5
	LXZY1-400(420)	15	400(420)	200(210)	380	205	620	28	505	150(65)	225	15.2
	LXZY-530(550)	15	530(550)	265(275)	380	240	640	32	535	160(70)	225	21.5
	LXZY-760	15	760	380	390	240	710	32	535	160(70)	225	24
	LXZY-900	15	900	450	410	280	720	36	535	160(70)	225	29



陶瓷熔断器
Fuse cut out



10KV-15KV

型号 Type	RLF-1	RLF-1
额定电压 Rated Voltage(kV)	10-15	10-15
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10,000	12,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	42	42
爬距 Creepage distance(mm)	250	250
重量 Weight(kg)	7.0	7.0
外形尺寸 Dimensions(CM)	38.5×34.5×10.5	38.5×34.5×10.5



12KV-15KV

型号 Type	RLF-2	RLF-2
额定电压 Rated Voltage(kV)	10-15	10-15
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10,000	12,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	40	40
爬距 Creepage distance(mm)	250	250
重量 Weight(kg)	7.0	7.0
外形尺寸 Dimensions(CM)	38.5×34.5×10.5	38.5×34.5×10.5



11KV-15KV

型号 Type	RLF-3	RLF-3
额定电压 Rated Voltage(kV)	10-15	10-15
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	6,000	8,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	40	40
爬距 Creepage distance(mm)	340	340
重量 Weight(kg)	7.5	7.5
外形尺寸 Dimensions(CM)	49×27×11	49×27×11



10KV-15KV

型号 Type	RLF-4	RLF-4
额定电压 Rated Voltage(kV)	10-15	10-15
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10,000	12,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	40	40
爬距 Creepage distance(mm)	260	260
重量 Weight(kg)	7.5	7.5
外形尺寸 Dimensions(CM)	48.5×44×13.5	48.5×44×13.5



陶瓷熔断器
Fuse cut out



15KV-27KV

型号 Type	RLF-5	RLF-5
额定电压 Rated Voltage(kV)	15-27	15-27
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10000	12000
冲击电压 Impulse voltage(kV)	125	125
工频耐压 Power-frequency withstand voltage(kV)	45	45
爬距 Creepage distance(mm)	355	355
重量 Weight(kg)	8.8	8.8
外形尺寸 Dimensions(CM)	51.5×34×12	51.5×34×12



15KV-27KV

型号 Type	RLF-6	RLF-6
额定电压 Rated Voltage(kV)	15-27	15-27
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10000	12000
冲击电压 Impulse voltage(kV)	125	125
工频耐压 Power-frequency withstand voltage(kV)	45	45
爬距 Creepage distance(mm)	350	350
重量 Weight(kg)	8.5	8.5
外形尺寸 Dimensions(CM)	48×35×10.5	48×35×10.5



15KV-27KV

型号 Type	RLF-7	RLF-7
额定电压 Rated Voltage(kV)	15-27	15-27
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10000	12000
冲击电压 Impulse voltage(kV)	250	125
工频耐压 Power-frequency withstand voltage(kV)	45	45
爬距 Creepage distance(mm)	350	350
重量 Weight(kg)	8.5	8.5
外形尺寸 Dimensions(CM)	45×34.5×12	45×34.5×12



10KV-15KV

型号 Type	RLF-8	RLF-8
额定电压 Rated Voltage(kV)	10-15	10-15
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10,000	12,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	42	42
爬距 Creepage distance(mm)	250	250
重量 Weight(kg)	7.3	7.3
外形尺寸 Dimensions(CM)	38.5×34.5×10.5	38.5×34.5×10.5



陶瓷熔断器
Fuse cut out



24KV-27KV

型号 Type	RLF-9(RLF-24/100)	RLF-9
额定电压 Rated Voltage(kV)	24-27	24-27
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	8,000	10,000
冲击电压 Impulse voltage(kV)	150	150
工频耐压 Power-frequency withstand voltage(kV)	65	65
爬距 Creepage distance(mm)	505	505
重量 Weight(kg)	12	12
外形尺寸 Dimensions(CM)	48×34.5×14	48×34.5×14



24KV-27KV

型号 Type	RLF-10	RLF-10
额定电压 Rated Voltage(kV)	24-27	24-27
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	8,000	8,000
冲击电压 Impulse voltage(kV)	150	150
工频耐压 Power-frequency withstand voltage(kV)	65	65
爬距 Creepage distance(mm)	540	540
重量 Weight(kg)	12	12
外形尺寸 Dimensions(CM)	49×35×14	49×35×14



24KV-27KV

型号 Type	RLF-11	RLF-11
额定电压 Rated Voltage(kV)	24	24
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10,000	12,000
冲击电压 Impulse voltage(kV)	150	150
工频耐压 Power-frequency withstand voltage(kV)	65	65
爬距 Creepage distance(mm)	540	540
重量 Weight(kg)	4.5	4.5
外形尺寸 Dimensions(CM)	51×34×11.5	51×34×11.5



12KV-15KV

型号 Type	RLF-12	RLF-12
额定电压 Rated Voltage(kV)	15	15
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10,000	12,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	45	45
爬距 Creepage distance(mm)	245	245
重量 Weight(kg)	3.8	3.8
外形尺寸 Dimensions(CM)	45×34×11.5	45×34×11.5



陶瓷熔断器
Fuse cut out



33KV-36KV

型号 Type	RLF-13	RLF-13
额定电压 Rated Voltage(kV)	33	33
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	6,000	8,000
冲击电压 Impulse voltage(kV)	170	170
工频耐压 Power-frequency withstand voltage(kV)	70	70
爬距 Creepage distance(mm)	660	660
重量 Weight(kg)	15	15
外形尺寸 Dimensions(CM)	56×38×14.5	56×38×14.5



33KV-36KV

型号 Type	RLF-14	RLF-14
额定电压 Rated Voltage(kV)	36	36
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10,000	12,000
冲击电压 Impulse voltage(kV)	170	170
工频耐压 Power-frequency withstand voltage(kV)	70	70
爬距 Creepage distance(mm)	720	720
重量 Weight(kg)	15.5	15.5
外形尺寸 Dimensions(CM)	63×38×14.5	63×38×14.5



33KV-36KV

型号 Type	RLF-15	RLF-15
额定电压 Rated Voltage(kV)	33	33
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	8,000	10,000
冲击电压 Impulse voltage(kV)	170	170
工频耐压 Power-frequency withstand voltage(kV)	70	70
爬距 Creepage distance(mm)	820	820
重量 Weight(kg)	27.5	27.5
外形尺寸 Dimensions(CM)	68×17×15	68×17×15



33KV-36KV

型号 Type	RLF-16	RLF-16
额定电压 Rated Voltage(kV)	36	36
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	10,000	12,000
冲击电压 Impulse voltage(kV)	170	170
工频耐压 Power-frequency withstand voltage(kV)	70	70
爬距 Creepage distance(mm)	720	720
重量 Weight(kg)	5	5
外形尺寸 Dimensions(CM)	61×34×11.5	61×34×11.5



陶瓷熔断器
Fuse cut out



10KV-15KV

型号 Type	RW10(W)	RW10(W)
额定电压 Rated Voltage(kV)	12	12
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	6,300	8,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	42	42
爬距 Creepage distance(mm)	360	360
重量 Weight(kg)	8.5	8.5
外形尺寸 Dimensions(CM)	56×13×12	56×13×12



10KV-15KV

型号 Type	RW10-10F	RW10-10F
额定电压 Rated Voltage(kV)	12	12
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	6,300	8,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	42	42
爬距 Creepage distance(mm)	245	245
重量 Weight(kg)	6.2	6.2
外形尺寸 Dimensions(CM)	53×32×12	53×32×12



10KV-15KV

型号 Type	HRW10	HRW10
额定电压 Rated Voltage(kV)	12	12
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	6,300	8,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	42	42
爬距 Creepage distance(mm)	350	350
重量 Weight(kg)	3.8	3.8
外形尺寸 Dimensions(CM)	42×35×11	42×35×11



35KV

型号 Type	RW10-35	RW10-35
额定电压 Rated Voltage(kV)	35	35
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	8,000	10,000
冲击电压 Impulse voltage(kV)	170	170
工频耐压 Power-frequency withstand voltage(kV)	70	70
爬距 Creepage distance(mm)	820	820
重量 Weight(kg)	24.5	24.5
外形尺寸 Dimensions(CM)	68×17×15	68×17×15



陶瓷熔断器
Fuse cut out



35KV

型号 Type	PRWG2	PRWG2
额定电压 Rated Voltage(kV)	35	35
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	6,300	8,000
冲击电压 Impulse voltage(kV)	170	170
工频耐压 Power-frequency withstand voltage(kV)	70	70
爬距 Creepage distance(mm)	870	870
重量 Weight(kg)	16	16
外形尺寸 Dimensions(CM)	90×40×13	90×40×13



35KV

型号 Type	PRWG2	PRWG2
额定电压 Rated Voltage(kV)	35	35
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	6,300	8,000
冲击电压 Impulse voltage(kV)	170	170
工频耐压 Power-frequency withstand voltage(kV)	70	70
爬距 Creepage distance(mm)	870	870
重量 Weight(kg)	16	16
外形尺寸 Dimensions(CM)	90×40×13	90×40×13



10KV-15KV

型号 Type	RW3	RW3
额定电压 Rated Voltage(kV)	10	10
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	6,300	8,000
冲击电压 Impulse voltage(kV)	100	110
工频耐压 Power-frequency withstand voltage(kV)	42	42
爬距 Creepage distance(mm)	2300	2300
重量 Weight(kg)	6.3	6.3
外形尺寸 Dimensions(CM)	48×27×12	48×27×12



10KV-15KV

型号 Type	RW7	RW7
额定电压 Rated Voltage(kV)	10	10
额定电流 Rated current(A)	100	200
开断电流 Breaking current(A)	6,300	8,000
冲击电压 Impulse voltage(kV)	110	110
工频耐压 Power-frequency withstand voltage(kV)	42	42
爬距 Creepage distance(mm)	230	230
重量 Weight(kg)	6.2	6.2
外形尺寸 Dimensions(CM)	48×27×12	48×27×12

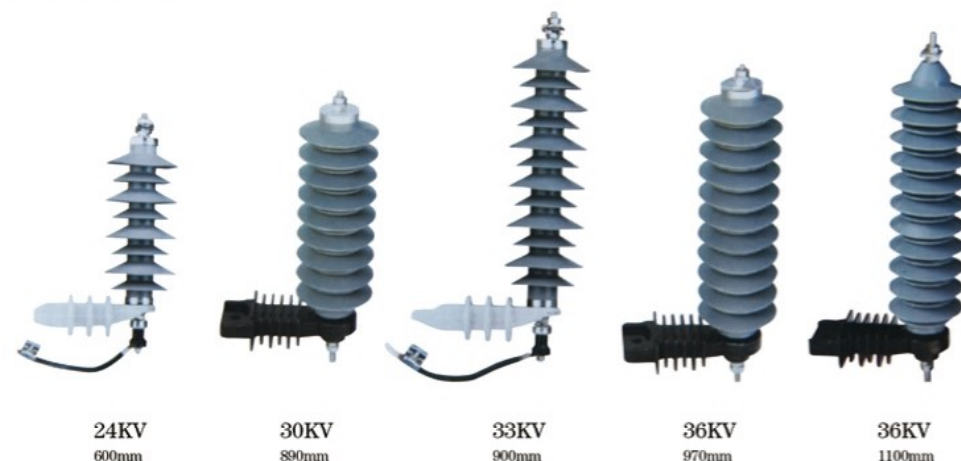
避雷器
Lightning Arrester



Polymeric Housed Metal-oxide Surge Arrester Without Gaps Nominal Discharge Current 5KA (EXPORT)

Type	MOA Rated Voltage	MCOV	Current Impulse Residual Voltage			2ms Rectangular current impulse withstand	4/10 μ s High current impulse withstand
			1/4 μ s Lightning current impulse	8/20 μ s Lightning current impulse	30/60 μ s Switching current impulse		
	KV(rms)	KV(rms)	KV(crest)	KV(crest)	KV(crest)	A	KA(crest)
YH5W-3	3	2.55	11.3	9	8.9	150	65
YH5W-6	6	5.1	22.6	18	16.8	150	65
YH5W-9	9	7.65	33.7	27	23.8	150	65
YH5W-10	10	8.4	36	30	23	150	65
YH5W-11	11	9.4	40	33	30	150	65
YH5W-12	12	10.2	42.2	36	27	150	65
YH5W-15	15	12.7	51	45	38.5	150	65
YH5W-18	18	15.3	61.5	54	46.2	150	65
YH5W-21	21	17.0	71.8	63	54.2	150	65
YH5W-24	24	19.5	82	72	62	150	65
YH5W-27	27	22	92	81	69.8	150	65
YH5W-30	30	24.4	102	90	79	150	65
YH5W-33	33	27.5	112	99	86.7	150	65
YH5W-36	36	29.0	123	108	92.4	150	65

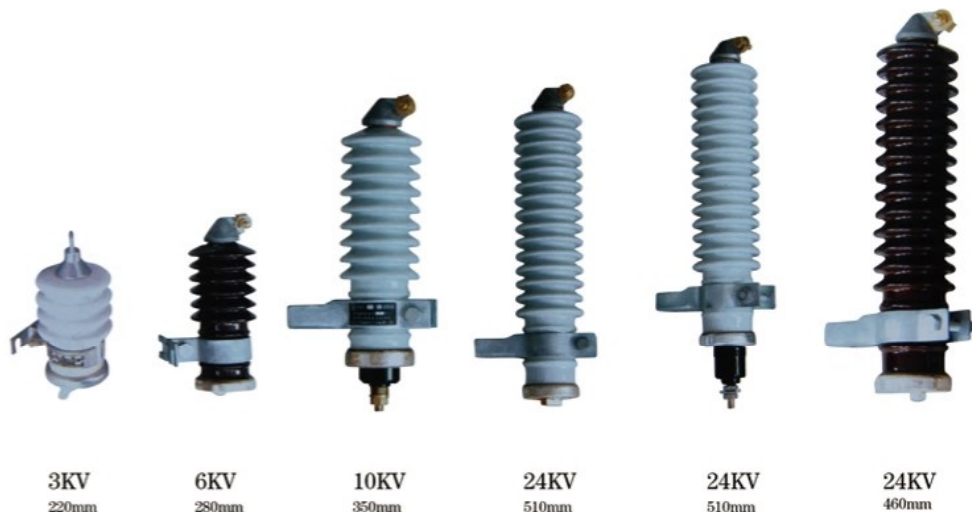
避雷器
Lightning Arrester



Polymeric Housed Metal-oxide Surge Arrester Without Gaps Nominal Discharge Current 10KA (EXPORT)

Type	MOA Rated Voltage	MCOV	Current Impulse Residual Voltage			2ms Rectangular current impulse withstand	4/10 μ s High current impulse withstand
			1/4 μ s Lightning current impulse	8/20 μ s Lightning current impulse	30/60 μ s Switching current impulse		
	KV(rms)	KV(rms)	KV(crest)	KV(crest)	KV(crest)	A	KA(crest)
YH10W-3	3	2.55	11.3	9	8.9	250	100
YH10W-6	6	5.1	22.6	18	16.8	250	100
YH10W-9	9	7.65	33.7	27	23.8	250	100
YH10W-10	10	8.4	36	30	23	250	100
YH10W-11	11	9.4	40	33	30	250	100
YH10W-12	12	10.2	42.2	36	27	250	100
YH10W-15	15	12.7	51	45	38.5	250	100
YH10W-18	18	15.3	61.5	54	46.2	250	100
YH10W-21	21	17.0	71.8	63	54.2	250	100
YH10W-24	24	19.5	82	72	62	250	100
YH10W-27	27	22	92	81	69.8	250	100
YH10W-30	30	24.4	102	90	79	250	100
YH10W-33	33	27.5	112	99	86.7	250	100
YH10W-36	36	29.0	123	108	92.4	250	100

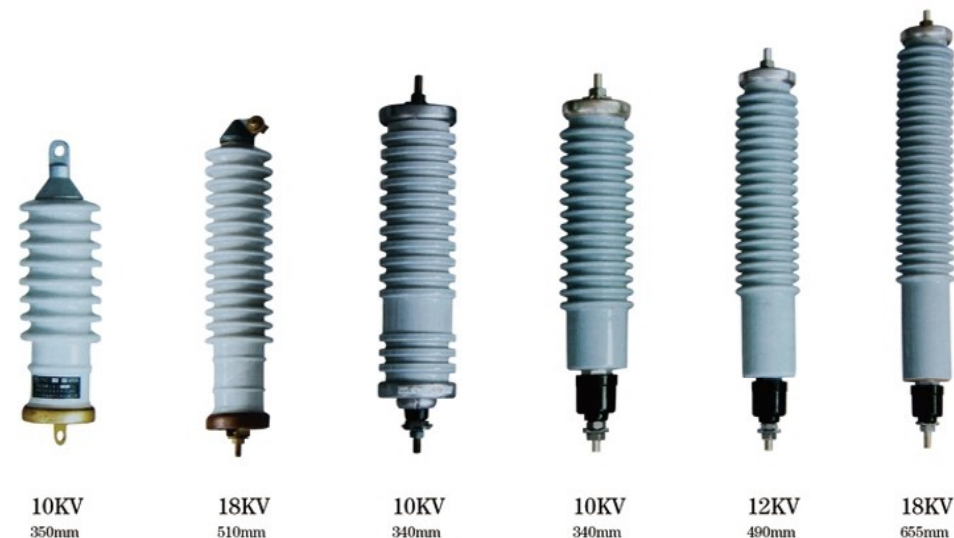
避雷器
Lightning Arrester



Porcelain Housed Metal-oxide Surge Arrester Without Gaps Nominal Discharge Current 5KA (EXPORT)

Type	MOA Rated Voltage	MCOV	Power frequency discharge voltage	1.2/50 μ s Impulse discharge voltage \leq	8/20 μ s Lightning impulse residual voltage \leq	2ms Rectangular current impulse withstand	4/10 μ s High current impulse withstand
	KV(rms)	KV(rms)	KV(rms)	KV(crest)	KV(crest)	A	KA(crest)
Y5C-3	3	2.55	5.5	9	9	150	65
Y5C-6	6	5.1	11	18	18	150	65
Y5C-9	9	7.65	16	27	27	150	65
Y5C-10	10	8.4	18	30	30	150	65
Y5C-12	12	10.2	22	36	36	150	65
Y5C-15	15	12.7	26	45	45	150	65
Y5C-18	18	15.3	33	54	54	150	65
Y5C-21	21	17.0	36	63	63	150	65
Y5C-24	24	19.5	40	72	72	150	65

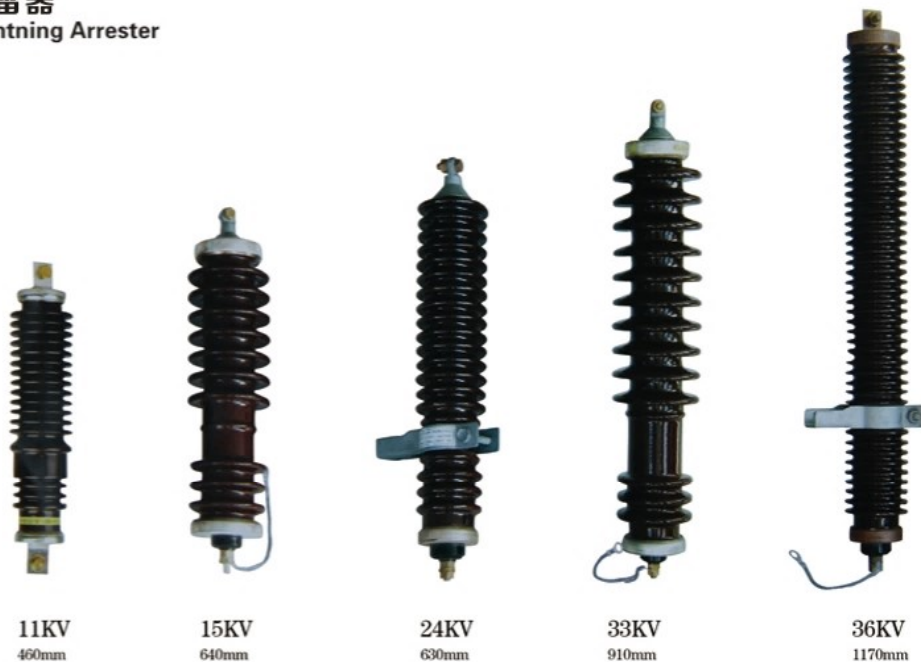
避雷器
Lightning Arrester



Porcelain Housed Metal-oxide Surge Arrester Without Gaps Nominal Discharge Current 10KA (EXPORT)

Type	MOA Rated Voltage	MCOV	Power frequency discharge voltage	1.2/50 μ s Impulse discharge voltage \leq	8/20 μ s Lightning impulse residual voltage \leq	2ms Rectangular current impulse withstand	4/10 μ s High current impulse withstand
	KV(rms)	KV(rms)	KV(rms)	KV(crest)	KV(crest)	A	KA(crest)
Y10C-3	3	2.55	5.5	9	9	200	65
Y10C-6	6	5.1	11	18	18	200	65
Y10C-9	9	7.65	16	27	27	200	65
Y10C-10	10	8.4	18	30	30	200	65
Y10C-12	12	10.2	22	36	36	200	65
Y10C-15	15	12.7	26	45	45	200	65
Y10C-18	18	15.3	33	54	54	200	65
Y10C-21	21	17.0	36	63	63	200	65
Y10C-24	24	19.5	40	72	72	200	65

避雷器
Lightning Arrester



Porcelain Housed Metal-oxide Surge Arrester Without Gaps (EXPORT)

Type	MOA Rated Voltage	MCOV	Power frequency discharge voltage	1.2/50 μ s Impulse discharge voltage	8/20 μ s Lightning impulse residual voltage	2ms Rectangular current impulse withstand	4/10 μ s High current impulse withstand
	KV(rms)	KV(rms)	KV(rms)	KV(crest)	KV(crest)	A	KA(crest)
Y5C-10	10	8.4	18	30	30	100	65
Y5C-12	12	10.2	22	36	36	100	65
Y5C-15	15	12.7	26	45	45	100	65
Y5C-24	24	19.5	40	72	72	100	65
Y5C-33	33	27.5	54	99	99	100	65
Y5C-36	36	29.0	61	108	108	100	65
Y5C-10	10	8.4	18	30	30	100	65
Y5C-12	12	10.2	22	36	36	100	65
Y5C-15	15	12.7	26	45	45	100	65
Y5C-24	24	19.5	40	72	72	100	65
Y5C-33	33	27.5	56	99	99	100	65
Y5C-36	36	29	61	108	108	100	65

避雷器
Lightning Arrester



Porcelain Housed Metal oxide Surge Arrester With Series Gaps

Service condition	Type	Rated voltage	Nominal voltage (Virtual value) KV	MCOV (Virtual value) KV	Direct (1m A) reference voltage \geq KA	Max current impulse Residual voltage			2ms Rectangular current impulse withstand A	4/10 μ s High current impulse with stand KA	0.75 Direct reference current μ A
						1/4 μ s steep current impulse	8/20 μ s Lightning impulse Residual Voltage	30/60 μ s Lightning impulse Residual Voltage			
Substation (Z)	Y5WZ-42/134	42	35	23	73	154	134	114	150	65	50
	Y5WZ-51/134	51	35	40.8	73	154	134	114			
	Y5WZ-52.7/134	52.7	35	40.8	73	154	134	114			
	Y5W-54/134	54	35	41	73	154	134	114			
Substation	Y5W-75/215	75	66	60	123	248	215	183	400	65	50
	Y5W-90/224	90	66	72.5	130	258	224	190			
	Y5W-100/260	100	110	78	145	291	260	221			
	Y5W-102/260	102	110	79.6	148	297	266	226			
Substation	Y5W-108/281	108	110	84	157	315	281	239	600	100	50
	Y10W-75/250	75	66	60	127	288	250	213			
	Y10W-75/223	75	66	60	127	256	223	190			
	Y10W-75/230	75	66	60	127	265	230	196			
	Y10W-90/224	90	66	72.5	130	258	224	190			
	Y10W-90/232	90	66	72.5	130	266	232	198			
Substation	Y10W-90/235	90	66	72.5	130	270	235	201	600	100	50
	Y10W-10/260	100	110	78	148	291	260	221			
	Y10W-102/226	102	110	79.6	148	297	266	226			
	Y10W-108/281	108	110	84	157	315	281	239			

• 主要技术参数 Main technical parameters



12KV-15KV



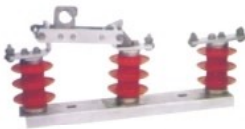
10KV-15KV



12KV-15KV



500V



0.5A-1600A

型号 Type	GW9-10W/400	GW9-10W/630
额定电压 Rated Voltage(kV)	12	12
额定电流 Rated current(A)	400	630
4S热稳定电流 4S Heat steady current(A)	12,500	12,500
动稳定电流 Shock steady current(A)	31,500	31,500
冲击耐压 相对地 To earth	75	75
Impulse Withstand voltage		
断口间 Across the isolating distance	85	85
工频耐压 (kV) 相对地 To earth	38	38
Power-frequency Withstand voltage		
断口间 Across the isolating distance	42	42

型号 Type	GW9-10W/12W15W			
额定电压 Rated Voltage(kV)	10,12,15			
额定电流 Rated current(A)	200	400	630	1000
极限通过电流(kV) 峰值 Peak value	5	21	15	10
Limit Passing Current 有效值 r.m.s	9	35	25	14
10秒热稳定电流10-seco Heat stabilization Current(kV)	5	50	35	20

型号 Type	GW9-10W/15W	
额定电压 Rated Voltage(kV)	12-15	12-15
额定电流 Rated current(A)	400	630
4S热稳定电流 4S Heat steady current(A)	12,500	12,500
动稳定电流 Shock steady current(A)	31,500	31,500
冲击耐压 相对地 To earth	75	75
Impulse Withstand voltage		
断口间 Across the isolating distance	85	85
工频耐压 (kV) 相对地 To earth	38	38
Power-frequency Withstand voltage		
断口间 Across the isolating distance	42	42

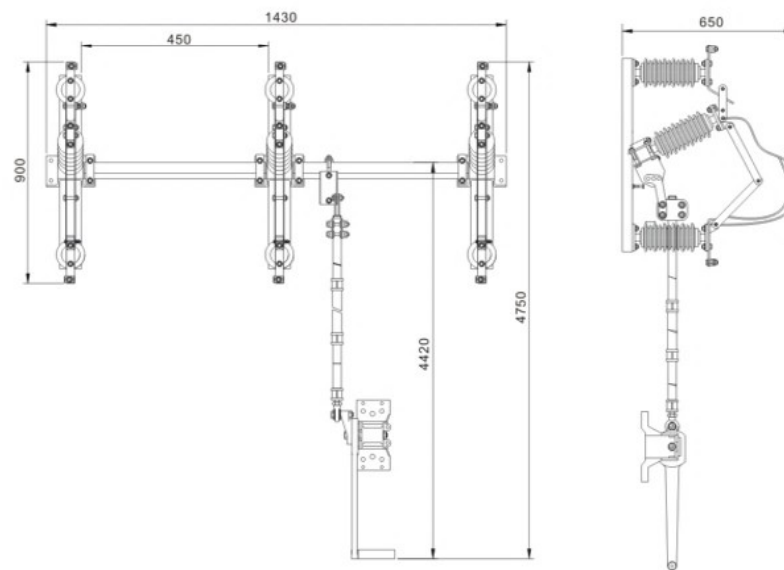
型号 Type	JDW2-500	
额定电压 Rated Voltage(kV)	500	500
额定电流 Rated current(A)	500	800
开断电流 Breaking current	30-500	30-500

熔片额定电流 Fuse Rated Current	120A	150A	220A	300A	360A	470A	600A
熔片规格 Fuse specification	0.15	0.20	0.30	0.50	0.50	0.80	0.90
配变压器容量(KVA)Transformer volume	80	100	150	180-200	250	315-320	400

• RH-B 11kV~33kV隔离开关 Isolate Switch



• 安装及外形尺寸图 Overall and installation dimension



• 主要技术参数 Main technical parameters

型号 Type	额定电压 Rated voltage KV	额定电流 Rated current A	4S 热稳定电流 4S Heat steady e.c.A	动稳定电流 Shock voltage A	冲击耐压 Impulse withstand voltage		工频耐压 Power-frequency withstand voltage	
					相对地 To earth KV	断口间 Across the isolating distance KV	相对地 To earth KV	断口间 Across the isolating distance KV
RH-B	11	400	12500	31500	75	95	38	42
RH-B	33	600	12500	31500	170	195	70	80

T接金具 T type fittings



电缆夹 Cable clamps



电缆金具 Cable fittings



电站金具 Power station fittings



防震锤 Dampers



接地线夹 Earth clamps



接续金具 Continuous clamps



连接金具 Link fittings



耐张线夹 Tension clamps

