

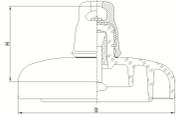
IEC
GB

Standard Profile
标准型

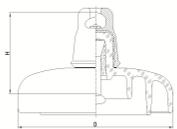


四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

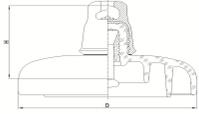
绝缘子型号 Insulator Type	U40B/110	U70B/146	U100B/146	U120B/146	U160B/155	U210B/170	U240B/170	U300B/195	U300B2/195	U420B/205	U550B/240	U760B/280	U840B/300
公称直径D(mm) Diameter D	175	255	255	255	280	280	280	320	330	360	360	400	400
结构高度H(mm) Spacing H	110	146	146	146	155	170	170	195	195	205	240	280	300
公称爬电距离L(mm) Creepage distance L	200	320	320	320	400	400	400	485	550	550	635	710	710
连接标记(mm) Designated size of coupling	11	16	16	16	20	20	24	24	24	28	32	36	40
额定机械破坏负(kN) Mechanical failing load	40	70	100	120	160	210	240	300	300	420	550	760	840
逐个拉伸负荷试(kN) Mechanical routine test	20	35	50	60	80	105	120	150	150	210	275	380	420
工频干耐受电压(kV) Dry power frequency withstand voltage	50	70	70	70	75	75	75	85	90	90	95	100	100
工频湿耐受电压 单片/5片串(kV) Wet power frequency withstand voltage single unit /short string with 5 PCS	32/170	40/180	40/180	40/180	45/200	45/200	45/200	50/200	55/200	55/200	55/220	60/260	60/260
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with 5PCS	70/295	100/420	100/420	100/420	110/500	110/500	110/500	130/500	140/500	140/550	150/650	150/720	150/720
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压(kV) Min power frequency puncture voltage	130	130	130	130	130	130	130	130	130	130	130	130	130
无线电干扰10kV; 1MHz(μV) Radio influence voltage under 10kV	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50
可见电晕熄灭电压 脚/帽(kV) Visible corona extinction voltage	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22
绝缘子单片重量(kg) Net weight per unit	1.7	3.6	3.6	3.6	6.5	7.0	7.2	9.7	10.8	13.0	17.5	26.3	27.0

IEC
GBAnti-fog Type I
防污型1四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U70BP/146H	U100BP/146H	U120BP/146H	U160BP/155H	U210BP/170H	U240BP/170H	U300BP/195H	U420BP/205H	U550BP/240H
公称直径D(mm) Diameter D	280	280	280	320	330	330	390	380	380
结构高度H(mm) Spacing H	146	146	146	155	170	170	195	205	240
公称爬电距离L(mm) Creepage distance L	450	450	450	550	550	550	635	620	720
连接标记(mm) Designated size of coupling	16	16	16	20	20	24	24	28	32
额定机械破坏负(kN) Mechanical failing load	70	100	120	160	210	240	300	420	550
逐个拉伸负荷试(kN) Mechanical routine test	35	50	60	80	105	120	150	210	275
工频干耐受电压(kV) Dry power frequency withstand voltage	85	85	85	90	90	90	95	90	95
工频湿耐受电压 单片/5片串(kV) Wet power frequency withstand voltage single unit /short string with 5 PCS	50/200	50/200	50/200	55/200	55/200	55/200	60/220	55/200	60/275
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with 5PCS	125/450	125/450	125/450	140/500	140/500	140/500	150/550	140/550	145/550
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压(kV) Min power frequency puncture voltage	130	130	130	130	130	130	130	130	130
无线电干扰10kV; 1MHz(μV) Radio influence voltage under 10kV	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50
可见电晕熄灭电压 脚/帽(kV) Visible corona extinction voltage voltage	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22
绝缘子单片重量(kg) Net weight per unit	5.0	5.0	5.0	9.0	9.0	9.5	14.0	16.2	19.8

IEC
GBAnti-fog Type II
防污型2四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U70BP2/146H	U100BP2/146H	U120BP2/146H	U160BP2/155H	U210BP2/170H	U240BP2/170H	U300BP2/195H
公称直径D(mm) Diameter D	255	255	255	280	280	280	320
结构高度H(mm) Spacing H	146	146	146	155	170	170	195
公称爬电距离L(mm) Creepage distance L	400	400	400	450	450	450	610
连接标记(mm) Designated size of coupling	16	16	16	20	20	24	24
额定机械破坏负(kN) Mechanical failing load	70	100	120	160	210	240	300
逐个拉伸负荷试(kN) Mechanical routine test	35	50	60	80	105	120	150
工频干耐受电压(kV) Dry power frequency withstand voltage	80	80	80	85	85	85	90
工频湿耐受电压 单片/5片串(kV) Wet power frequency withstand voltage single unit /short string with 5 PCS	45/180	45/180	45/180	50/200	50/200	50/200	55/200
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with 5PCS	110/420	110/420	110/420	125/500	125/500	125/500	140/550
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压(kV) Min power frequency puncture voltage	130	130	130	130	130	130	130
无线电干扰10kV; 1MHz(μV) Radio influence voltage under 10kV	≤50	≤50	≤50	≤50	≤50	≤50	≤50
可见电晕熄灭电压 脚/帽(kV) Visible corona extinction voltage voltage	18/22	18/22	18/22	18/22	18/22	18/22	18/22
绝缘子单片重量(kg) Net weight per unit	4.8	4.8	4.8	6.5	8.5	9.0	13.0



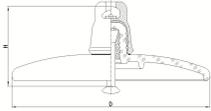
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Anti-fog Type III
防污型3



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U70BP3/146H	U100BP3/146 H	U120BP3/146 H	U160BP3/155 H	U210BP3/170 H	U240BP3/170 H	U300BP3/195 H
公称直径D(mm) Diameter D	320	320	320	330	330	330	390
结构高度H(mm) Spacing H	146	146	146	155	170	170	195
公称爬电距离L(mm) Creepage distance L	550	550	550	615	615	615	690
连接标记(mm) Designated size of coupling	16	16	16	20	20	24	24
额定机械破坏负(kN) Mechanical failing load	70	100	120	160	210	240	300
逐个拉伸负荷试(kN) Mechanical routine test	35	50	60	80	105	120	150
工频干耐受电压(kV) Dry power frequency withstand voltage	90	90	90	90	90	90	100
工频湿耐受电压 单片/5片串(kV) Wet power frequency withstand voltage single unit /short string with 5 PCS	55/200	55/200	55/200	55/200	55/200	55/200	60/220
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with 5PCS	140/500	140/500	140/500	140/500	140/500	140/500	155/550
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压(kV) Min power frequency puncture voltage	130	130	130	130	130	130	130
无线电干扰10kV; 1MHz(μV) Radio influence voltage under 10kV	≤50	≤50	≤50	≤50	≤50	≤50	≤50
可见电晕熄灭电压 脚/帽(kV) Visible corona extinction voltage voltage	18/22	18/22	18/22	18/22	18/22	18/22	18/22
绝缘子单片重量(kg) Net weight per unit	7.5	7.5	7.5	10.0	10.5	11.0	15.5



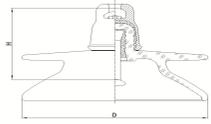
IEC
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Aerodynamic Type
空气动力型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U70BP/146M	U100BP/146M	U120BP/146M	U160BP/155M	U210BP/170M	U240BP/170M	U300BP/195M	U300BP2/195M
公称直径D(mm) Diameter D	380	380	380	420	420	420	420	455
结构高度H(mm) Spacing H	146	146	146	155	170	170	195	195
公称爬电距离L(mm) Creepage distance L	365	365	365	380	380	380	380	450
连接标记(mm) Designated size of coupling	16	16	16	20	20	24	24	24
额定机械破坏负(kN) Mechanical failing load	70	100	120	160	210	240	300	300
逐个拉伸负荷试(kN) Mechanical routine test	35	50	60	80	105	120	150	150
工频干耐受电压(kV) Dry power frequency withstand	55	55	55	60	60	60	60	65
工频湿耐受电压 单片/5片串(kV) Wet power frequency withstand voltage	45/200	45/200	45/200	50/200	50/200	50/200	50/200	55/200
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with	90/450	90/450	90/450	95/450	95/450	95/450	95/450	100/500
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压(kV) Min power frequency puncture	130	130	130	130	130	130	130	130
无线电干扰10kV; 1MHz(μV) Radio influence voltage under 10kV	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50
可见电晕熄灭电压 脚/帽(kV) Visible corona extinction voltage	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22
绝缘子单片重量(kg) Net weight per unit	6.0	6.0	6.0	8.5	8.5	9.0	10.0	10.7



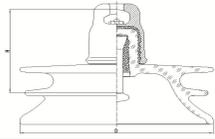
IEC
GB

Double-shed type
双伞型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U70BP/146D	U100BP/146D	U120BP/146D	U160BP/155D	U210BP/170D	U240BP/170D	U300BP/195D
公称直径D(mm) Diameter D	280	280	280	300	300	300	330
结构高度H(mm) Spacing H	146	146	146	155	170	170	195
公称爬电距离L(mm) Creepage distance L	450	450	450	450	450	450	485
连接标记(mm) Designated size of coupling	16	16	16	20	20	24	24
额定机械破坏负(kN) Mechanical failing load	70	100	120	160	210	240	300
逐个拉伸负荷试(kN) Mechanical routine test	35	50	60	80	105	120	150
工频干耐受电压(kV) Dry power frequency withstand	80	80	80	85	85	85	90
工频湿耐受电压 单片/5片串(kV) Wet power frequency withstand voltage	45/200	45/200	45/200	45/200	45/200	45/200	50/200
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with	120/450	120/450	120/450	130/500	130/500	130/500	130/520
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压(kV) Min power frequency puncture	130	130	130	130	130	130	130
无线电干扰10kV; 1MHz(μV) Radio influence voltage under 10kV	≤50	≤50	≤50	≤50	≤50	≤50	≤50
可见电晕熄灭电压 脚/帽(kV) Visible corona extinction voltage	18/22	18/22	18/22	18/22	18/22	18/22	18/22
绝缘子单片重量(kg) Net weight per unit	5.5	5.5	5.5	8.5	9.0	9.4	12.0



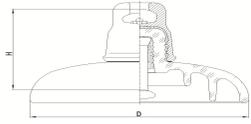
IEC
GB

Triple-shed type
三伞型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U70BP/155T	U100BP/155T	U120BP/155T	U160BP/155T	U210BP/170T	U240BP/170T	U300BP/195T	U420BP/205T	U550BP/240T
公称直径D(mm) Diameter D	300	300	300	320	320	320	380	400	400
结构高度H(mm) Spacing H	155	155	155	155	170	170	195	205	240
公称爬电距离L(mm) Creepage distance L	550	550	550	550	550	550	635	650	650
连接标记(mm) Designated size of coupling	16	16	16	20	20	24	24	28	32
额定机械破坏负(kN) Mechanical failing load	70	100	120	160	210	240	300	420	550
逐个拉伸负荷试(kN) Mechanical routine test	35	50	60	80	105	120	150	210	275
工频干耐受电压(kV) Dry power frequency withstand voltage	80	80	80	85	85	85	100	100	100
工频湿耐受电压 单片/5片串(kV) Wet power frequency withstand voltage single unit /short string with 5 PCS	45/200	45/200	45/200	50/200	50/200	50/200	60/240	60/240	60/240
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with 5PCS	120/500	120/500	120/500	130/500	130/500	130/500	150/550	150/550	150/550
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压(kV) Min power frequency puncture voltage	130	130	130	130	130	130	130	130	130
无线电干扰10kV; 1MHz(μV) Radio influence voltage under 10kV	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50
可见电晕熄灭电压 脚/帽(kV) Visible corona extinction voltage voltage	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22	18/22
绝缘子单片重量(kg) Net weight per unit	8.9	8.9	8.9	10.0	10.0	10.4	16.0	18.0	21.7



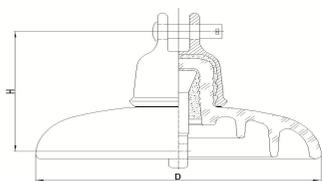
ANSI

ANSI Ball and Socket Coupling
美标球窝型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type		U70B/146A	U100B/146A	U120B/146A	U140B/146A	U160B/146A	U180B/146A	U230B/156A
公称直径D Diameter D	mm inches	255 10	255 10	255 10	255 10	280 11	280 11	280 11
结构高度H Spacing H	mm inches	146 5-3/4	146 5-3/4	146 5-3/4	146 5-3/4	146 5-3/4	146 5-3/4	156 6-1/8
公称爬电距离L Creepage distance L	mm inches	320 12-5/8	320 12-5/8	320 12-5/8	320 12-5/8	400 15-3/4	400 15-3/4	400 15-3/4
ANSI级别 ANSI Level 连接标记 Connection type		52-3-L B&S Type B	52-3-H B&S Type B	52-5-L B&S Type J	52-5-H B&S Type J	52-8-L B&S Type K	52-8-H B&S Type K	52-11 B&S Type K
机电强度 Mechanical & electrical	kN lbs	70 15000	100 22000	120 25000	140 30000	160 36000	180 40000	230 50000
拉伸负荷试验 Tension proof	kN lbs	35 7500	50 11000	60 12500	70 15000	80 18000	90 20000	115 25000
机械打击强度 Mechanical impact strength	N-m inch-pounds	45 400	45 400	45 400	45 400	45 400	45 400	45 400
工频干闪络电压(kV) Low frequency dry flashover voltage		80	80	80	80	85	85	85
工频湿闪络电压(kV) Low frequency wet flashover voltage		50	50	50	50	55	55	55
临界冲击闪络电压 Critical impulse flashover	正极性(kV) Positive polarity 负极性(kV) Negative	125 130	125 130	125 130	125 130	130 135	130 135	140 140
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage		2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压(kV) Min low frequency puncture voltage		130	130	130	130	130	130	130
无线电干扰10kV; 1MHz(μV) Radio influence voltage under 10kV		≤50	≤50	≤50	≤50	≤50	≤50	≤50
绝缘子单片重量(kg) Net weight per unit		3.8	3.8	4.0	4.0	7.0	7.0	7.0



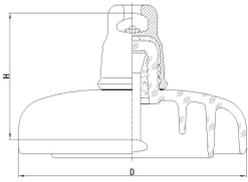
ANSI

ANSI Clevis Coupling
美标槽型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type		U70C/146A	U100C/146 A	U120C/146 A	U140C/146 A	U160C/146 A	U180C/146 A	U230C/156A
公称直径D Diameter D	mm inches	255 10	255 10	255 10	255 10	280 11	280 11	280 11
结构高度H Spacing H	mm inches	146 5-3/4	146 5-3/4	146 5-3/4	146 5-3/4	146 5-3/4	146 5-3/4	156 6-1/8
公称爬电距离L Creepage distance L	mm inches	320 12-5/8	320 12-5/8	320 12-5/8	320 12-5/8	400 15-3/4	400 15-3/4	400 15-3/4
ANSI级别 ANSI Level 连接标记 Connection type		52-4-L Clevis	52-4-H Clevis	52-6-L Clevis	52-6-H Clevis	52-10-L Clevis	52-10-H Clevis	52-12 Clevis
机电强度 Mechanical & electrical	kN lbs	70 15000	100 22000	120 25000	140 30000	160 36000	180 40000	230 50000
拉伸负荷试验 Tension proof	kN lbs	35 7500	50 11000	60 12500	70 15000	80 18000	90 20000	115 25000
机械打击强度 Mechanical impact strength	N-m inch-pounds	45 400	45 400	45 400	45 400	45 400	45 400	45 400
工频干闪络电压 (kV) Low frequency dry flashover voltage		80	80	80	80	85	85	85
工频湿闪络电压 (kV) Low frequency wet flashover voltage		50	50	50	50	55	55	55
临界冲击闪络电压 Critical impulse flashover	正极性 (kV) Positive 负极性 (kV) Negative	125 130	125 130	125 130	125 130	130 135	130 135	140 140
冲击过电压击穿耐受电压 (p.u.) Impulse puncture voltage		2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压 (kV) Min low frequency puncture voltage		130	130	130	130	130	130	130
无线电干扰 10kV; 1MHz(μV) Radio influence voltage under 10kV		≤50	≤50	≤50	≤50	≤50	≤50	≤50
绝缘子单片重量 (kg) Net weight per unit		4.0	4.0	4.0	4.0	7.0	7.0	7.0



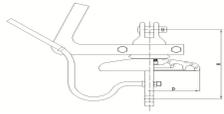
ANSI

Anti-fog type as per ANSI
A标防污型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type		U120BP/146HA	U160BP/171HA
公称直径D Diameter D	mm inches	280 11	330 13
结构高度H Spacing H	mm inches	146 5-3/4	171 6-3/4
公称爬电距离L Creepage distance L	mm inches	450 17-1/2	550 21-1/2
ANSI级别 ANSI Level 连接标记 Connection type		52-5 B&S Type J	52-8 B&S Type K
机电强度 Mechanical & electrical	kN lbs	120 25000	160 36000
拉伸负荷试验 Tension proof	kN lbs	60 12500	80 18000
机械打击强度 Mechanical impact strength	N-m inch-pounds	45 400	45 400
工频干闪络电压 (kV) Low frequency dry flashover voltage		100	105
工频湿闪络电压 (kV) Low frequency wet flashover voltage		60	65
临界冲击闪络电压 Critical impulse flashover	正极性(kV) Positive 负极性(kV) Negative	140 140	160 160
冲击过电压击穿耐受电压 (p.u.) Impulse puncture voltage		2.8	2.8
最小工频击穿耐受电压 (kV) Min low frequency puncture voltage		130	130
无线电干扰 10kV; 1MHz(μV) Radio influence voltage under 10kV		≤ 50	≤ 50
绝缘子单片重量 (kg) Net weight per unit		5.5	9.0

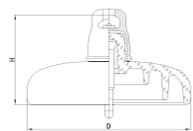


Ground Insulator
地线型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	UEG70C/210	UEG70CN/210	UEG100C/210	UEG100CN/210
公称直径D(mm) Diameter D	200	200	200	200
结构高度H(mm) Spacing H	210	210	210	210
公称爬电距离L(mm) Creepage distance L	217	217	217	217
连接标记(mm) Designated size of coupling	16C	16C	16C	16C
安装方式 Mounting type	Suspension	Tension	Suspension	Tension
额定机械破坏负荷(kN) Mechanical failing load	70	70	100	100
逐个拉伸负荷试验(kN) Mechanical routine test	35	35	50	50
雷电冲击干闪络电压, 20mm间隙, 负极性 (kV) Lightning impulse flashover voltage, 20mm Gap, Negative	30	30	30	30
最小工频击穿耐受电压(kV) Min power frequency puncture voltage	130	130	130	130
绝缘子单片重量(kg) Net weight per unit	4.0	4.0	4.0	4.0

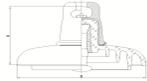


Railway Insulator
铁道用



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	UT70B/146	UT70BP2/146H	UT70BP/146H	UT80B/146	UT80BP2/146H	UT80BP/146H
公称直径D(mm) Diameter D	255	255	280	255	255	280
结构高度H(mm) Spacing H	146	146	146	146	146	146
公称爬电距离L(mm) Creepage distance L	320	400	450	320	400	450
连接标记(mm) Designated size of coupling	16B/CL	16B/CL	16B/CL	16B/CL	16B/CL	16B/CL
额定机械破坏负(kN) Mechanical failing load	70	70	70	80	80	80
逐个拉伸负荷试(kN) Mechanical routine test	35	35	35	40	40	40
工频干耐受电压(kV) Dry power frequency withstand	70	80	85	70	80	85
工频湿耐受电压(kV) Wet power frequency withstand	40	45	50	40	45	50
雷电冲击耐受电压(kV) Dry lightning impulse withstand	100	110	125	100	110	125
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8
最小工频击穿耐受电压(kV) Min power frequency puncture	130	130	130	130	130	130
无线电干扰10kV; 1MHz(μV) Radio influence voltage under 10kV	≤50	≤50	≤50	≤50	≤50	≤50
可见电晕熄灭电压 脚/帽(kV) Visible corona extinction voltage	18/22	18/22	18/22	18/22	18/22	18/22
绝缘子单片重量(kg) Net weight per unit	4.4	5.0	5.5	4.0	5.0	5.5

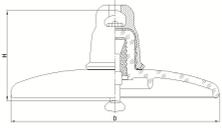


Insulators for DC Application
直流钟罩型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U160BP/170HD C	U210BP/170H DC	U240BP/170HD C	U300BP/195H DC	U300BP2/195HD C	U300BP3/195HD C	U420BP/205HD C	U420BP2/205HD C	U550BP/240HD C	U550BP2/240HD C	U550BP3/240HD C	U760BP/280HD C	U840BP/300HD C
公称直径D(mm) Diameter D	330	330	330	390	330	380	360	380	360	380	380	400	400
结构高度H(mm) Spacing H	170	170	170	195	195	195	205	205	240	240	240	280	300
公称爬电距离L(mm) Creepage distance L	550	550	550	635	550	710	550	620	635	720	650	710	710
连接标记(mm) Designated size of coupling	20	20	24	24	24	24	28	28	32	32	32	36	40
额定机械破坏负(kN) Mechanical failing load	160	210	240	300	300	300	420	420	550	550	550	760	840
逐个拉伸负荷试(kN) Mechanical routine test	80	105	120	150	150	150	210	210	275	275	275	380	420
直流干耐受电压(kV) Dry d.c. withstand voltage	± 150	± 150	± 150	± 150	± 150	± 170	± 150	± 160	± 160	± 160	± 160	± 165	± 165
直流湿耐受电压(kV) Wet d.c. withstand voltage	± 65	± 65	± 65	± 65	± 65	± 75	± 65	± 70	± 70	± 70	± 70	± 75	± 75
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with 5 PCS	140/500	140/500	140/500	140/550	140/500	155/550	140/550	150/550	150/650	150/550	150/650	150/720	150/720
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
SF ₆ 击穿耐受电压(kV) SF ₆ puncture withstand voltage	225	225	225	225	225	255	225	240	240	240	240	250	250
无线电干扰10kV; 1MHz(μV) Radio influence voltage under AC 10kV	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50
直流可见电晕熄灭电压(kV) d.c. Visible corona extinction voltage	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50
绝缘子单片重量(kg) Net weight per unit	9.7	10.2	10.5	13.0	11.5	14.6	13.5	16.3	18.0	20.6	18.5	27.5	27.7

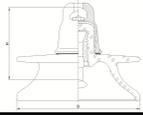


DC Aerodynamic type
直流空气动力型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U160BP/170MDC	U210BP/170MDC	U240BP/170MDC	U300BP/195MDC
公称直径D(mm) Diameter D	420	420	420	455
结构高度H(mm) Spacing H	170	170	170	195
公称爬电距离L(mm) Creepage distance L	390	390	390	450
连接标记(mm) Designated size of coupling	20	20	24	24
额定机械破坏负(kN) Mechanical failing load	160	210	240	300
逐个拉伸负荷试(kN) Mechanical routine test	80	105	120	150
直流干耐受电压(kV) Dry d.c. withstand voltage	± 140	± 140	± 140	± 150
直流湿耐受电压(kV) Wet d.c. withstand voltage	± 60	± 60	± 60	± 60
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with 5 PCS	95/450	95/450	95/450	100/500
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8
SF ₆ 击穿耐受电压(kV) SF ₆ puncture withstand voltage	210	210	210	225
无线电干扰10kV; 1MHz(μV) Radio influence voltage under AC 10kV	≤ 50	≤ 50	≤ 50	≤ 50
直流可见电晕熄灭电压(kV) d.c. Visible corona extinction voltage	≥ 50	≥ 50	≥ 50	≥ 50
绝缘子单片重量(kg) Net weight per unit	8.7	8.7	9.1	11.3

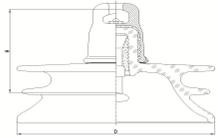


Double-shed insulators for DC application
直流双伞型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U160BP/170DDC	U210BP/170DDC	U240BP/170DDC	U300BP/195DDC
公称直径D(mm) Diameter D	300	300	300	330
结构高度H(mm) Spacing H	170	170	170	195
公称爬电距离L(mm) Creepage distance L	450	450	450	485
连接标记(mm) Designated size of coupling	20	20	24	24
额定机械破坏负(kN) Mechanical failing load	160	210	240	300
逐个拉伸负荷试(kN) Mechanical routine test	80	105	120	150
直流干耐受电压(kV) Dry d.c. withstand voltage	±140	±140	±140	±150
直流湿耐受电压(kV) Wet d.c. withstand voltage	±55	±55	±55	±60
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with 5 PCS	130/500	130/500	130/500	130/520
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8
SF ₆ 击穿耐受电压(kV) SF ₆ puncture withstand voltage	210	210	210	225
无线电干扰10kV; 1MHz(μV) Radio influence voltage under AC 10kV	≤50	≤50	≤50	≤50
直流可见电晕熄灭电压(kV) d.c. Visible corona extinction voltage	≥50	≥50	≥50	≥50
绝缘子单片重量(kg) Net weight per unit	8.9	9.2	9.7	12.3

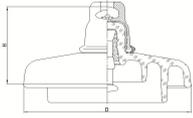


Triple-shed for DC Application
直流三伞型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type	U160BP/170TDC	U210BP/170TDC	U240BP/170TDC	U300BP/195TDC	U420BP/205TDC	U550BP/240TDC
公称直径D(mm) Diameter D	320	320	320	380	400	400
结构高度H(mm) Spacing H	170	170	170	195	205	240
公称爬电距离L(mm) Creepage distance L	550	550	550	635	650	635
连接标记(mm) Designated size of coupling	20	20	24	24	28	32
额定机械破坏负(kN) Mechanical failing load	160	210	240	300	420	550
逐个拉伸负荷试(kN) Mechanical routine test	80	105	120	150	210	275
直流干耐受电压(kV) Dry d.c. withstand voltage	±140	±140	±140	±150	±150	±150
直流湿耐受电压(kV) Wet d.c. withstand voltage	±55	±55	±55	±60	±60	±60
雷电冲击耐受电压 单片/5片串(kV) Dry lightning impulse withstand voltage single unit /short string with 5 PCS	130/500	130/500	130/500	150/550	150/550	150/550
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage	2.8	2.8	2.8	2.8	2.8	2.8
SF ₆ 击穿耐受电压(kV) SF ₆ puncture withstand voltage	210	210	210	225	225	225
无线电干扰10kV; 1MHz(μV) Radio influence voltage under AC 10kV	≤50	≤50	≤50	≤50	≤50	≤50
直流可见电晕熄灭电压(kV) d.c. Visible corona extinction voltage	≥50	≥50	≥50	≥50	≥50	≥50
绝缘子单片重量(kg) Net weight per unit	10.2	10.2	10.6	16.7	18.5	22.0



ANSI

DC insulators as per ANSI
美标直流型



四川环球绝缘子有限公司
Sichuan Global Insulator Co., Ltd.

绝缘子型号 Insulator Type		U160BP/146HADC	U160BP/171HADC	U210BP/171HADC
公称直径D Diameter D	mm inches	330 13	330 13	330 13
结构高度H Spacing H	mm inches	146 5-3/4	171 6-3/4	171 6-3/4
公称爬电距离L Creepage distance L	mm inches	550 21-5/8	550 21-5/8	550 21-5/8
连接标记 Connection type		B&S Type K	B&S Type K	B&S Type K
机电强度 Mechanical & electrical	kN lbs	160 36000	160 36000	220 50000
拉伸负荷试验 Mechanical routine test	kN lbs	80 18000	80 18000	110 25000
机械打击强度 Mechanical impact strength	N-m inch-pounds	45 400	45 400	45 400
直流1min干耐受电压(kV) 1 min dry d.c. withstand voltage		± 150	± 150	± 150
直流1min湿耐受电压(kV) 1 min wet d.c. withstand voltage		± 65	± 65	± 65
雷电全波冲击耐受电压(kV) Dry lighting impulse withstand voltage		140	140	140
冲击过电压击穿耐受电压(p.u.) Impulse puncture voltage		2.8	2.8	2.8
SF ₆ 击穿耐受电压(kV) SF ₆ puncture withstand voltage		225	225	225
直流可见电晕熄灭电压(kV) d.c. Visible corona extinction voltage		≥ 50	≥ 50	≥ 50
绝缘子单片重量(kg) Net weight per unit		9.0	9.1	10.0