



RESPONSIBILITY IS A GUARANTEE OF QUALITY
SERVING FROM THE HEART, BUILDING POSITIVELY
SERVING THE GRID BUSINESS AND ENSURING GRID SECURITY



江西泉新电气 有限公司

JIANGXI QOCI ELECTRIC CO., LTD.

QOCI INSULATORS - RELIABLE INSULATION FOR GLOBAL GRIDS

GLASS INSULATORS | PORCELAIN INSULATORS

STANDARD PROFILE

Suspension Tempered Glass Insulator

Split pin(W)



Split pin(R)



Cap

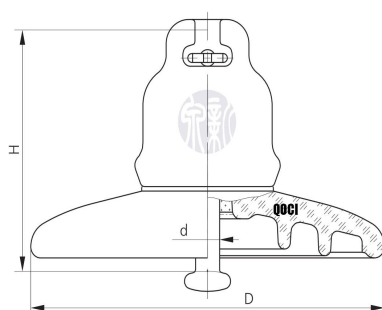


Dielectric

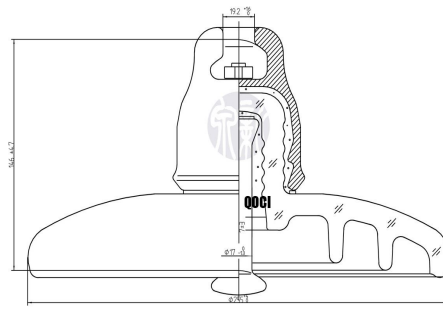


Regular pin

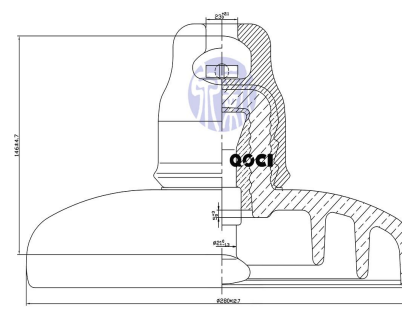
Pin with zinc sleeve



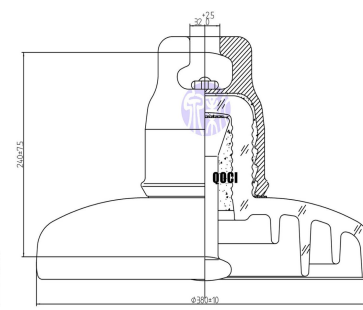
U40B



U70B/U100B/U120B



U160B/U210B/U240B

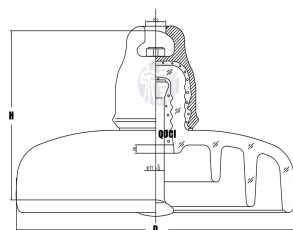


U300B/U420B/U550B

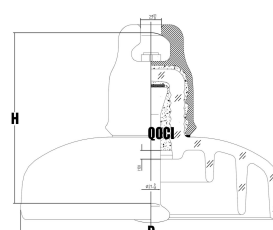
IEC designation	Minimum Mechanical Failing Load	Nominal Diameter D	Nominal Spacing H	Creepage Distance L	Socket coupling	Wet Power Frequency Withstand Voltage	Dry Lightning Impulse Withstand Voltage	Power Frequency Puncture Voltage	Radio Interference Voltage (10kV 1MHz)	Corona Visual Test P/C	Power Frequency Electric Arc Voltage	Impulse Puncture Voltage	Weight
	kn	mm	mm	mm	mm	kv	kv	kv	μv	kv	ka	P.U	kg
U40B/110	40	178	110	190	11	25	50	90	50	18/22	0.12s/20kA	2.8	2.1
U70BS/127	70	255	127	320	16	40	105	130	50	18/22	0.12s/20kA	2.8	3.5
U70BL/146	70	255	146	320	16	40	105	130	50	18/22	0.12s/20kA	2.8	3.6
U100BS/127	100	255	127	320	16	40	105	130	50	18/22	0.12s/20kA	2.8	4
U100BL/146	100	255	146	320	16	40	105	130	50	18/22	0.12s/20kA	2.8	4
U120BS/127	120	255	127	320	16	40	105	130	50	18/22	0.12s/20Ka	2.8	4
U120BL/146	120	255	146	320	16	40	105	130	50	18/22	0.12s/20Ka	2.8	4
U160BS/146	160	280	146	400	20	45	110	130	50	18/22	0.12s/20Ka	2.8	6.5
U160BM/155	160	280	155	400	20	45	110	130	50	18/22	0.12s/20Ka	2.8	6.6
U160BL/170	160	280	170	400	20	45	110	130	50	18/22	0.12s/20Ka	2.8	6.7
U210B/170	210	280	170	400	20	45	110	130	50	18/22	0.12s/20Ka	2.8	7.2
U240B/170	240	280	170	400	20/24	45	110	130	50	18/22	0.12s/20Ka	2.8	7.2
U300B/195	300	320	195	485	24	50	130	130	50	18/22	0.12s/20Ka	2.8	10.6
U420B/205	420	360	205	550	28	80	140	140	50	18/22	0.12s/20Ka	2.8	16
U550B/240	550	380	240	600	32	55	140	140	50	18/22	0.12s/20Ka	2.8	21.5

ANTI-POLLUTION PROFILE

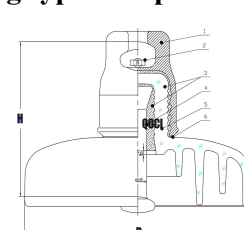
Fog type Tempered Glass Insulator



U70B/U100B/U120B



U160B/U210B/U240B



U300B/U420B/U550B

IEC designation	Minimum Mechanical Failing Load	Nominal Diameter D	Nominal Spacing H	Creepage Distance L	Socket coupling	Wet Power Frequency Withstand Voltage	Dry Lightning Impulse Withstand Voltage	Power Frequency Puncture Voltage	Radio Interference Voltage (10kv 1MHz)	Corona Visual Test P/C	Power Frequency Electric Arc Voltage	Impulse Puncture Voltage	Weight
	kn	mm	mm	mm	mm	kv	kv	kv	μv	kv	ka	P.U	kg
U70BLP	70	280	146	450	16	50	125	130	50	18/22	0.12S/20kA	2.8	5.8
U70BLP1	70	320	146	550	16	55	140	130	50	18/22	0.12S/20kA	2.8	9.2
U100BLP	100	280	146	450	16	50	125	130	50	18/22	0.12S/20kA	2.8	5.8
U100BLP1	100	320	146	550	16	55	140	130	50	18/22	0.12S/20kA	2.8	9.2
U120BLP	120	280	146	450	16	50	125	130	50	18/22	0.12S/20kA	2.8	5.8
U120BLP1	120	320	146	550	16	55	140	130	50	18/22	0.12S/20kA	2.8	9.2
U160BMP	160	280	155	450	20	50	125	130	50	18/22	0.12S/20kA	2.8	7.1
U160BLP	160	280	170	450	20	50	125	130	50	18/22	0.12S/20kA	2.8	7.2
U160BSP	160	320	146	550	20	55	140	130	50	18/22	0.12S/20kA	2.8	9.4
U160BLP1	160	320	170	550	20	55	140	130	50	18/22	0.12S/20kA	2.8	9.6
U160BMP1	160	320	155	550	20	55	140	130	50	18/22	0.12S/20kA	2.8	9.5
U210BP	210	320	170	550	20	55	140	130	50	18/22	0.12S/20kA	2.8	10.2
U240BP	240	320	170	550	20/24	55	140	130	50	18/22	0.12S/20kA	2.8	10.2
U300BP	300	380	195	635	24	60	155	130	50	18/22	0.12S/20kA	2.8	14.5
U300BP1	300	390	195	690	24	60	155	130	50	18/22	0.12S/20kA	2.8	15
U300BP2	300	340	195	550	24	55	140	130	50	18/22	0.12S/20kA	2.8	12.5
U420BP	420	380	205	620	28	55	140	140	50	18/22	0.12S/20kA	2.8	15.8

EXTERNAL SHED PROFILE

Double-Shed Fog Type Tempered Glass Insulator

Split pin(W)



Split pin(R)

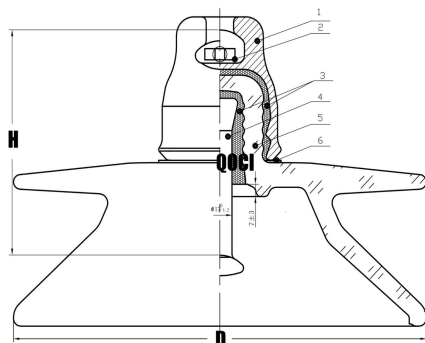


Dielectric

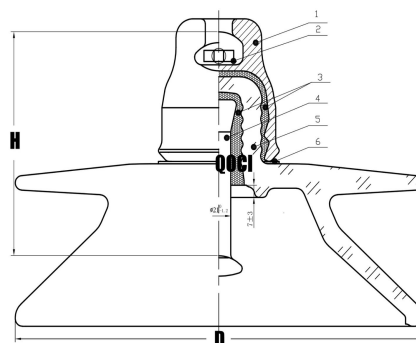


Regular pin

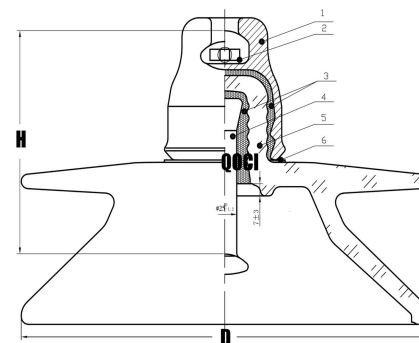
Pin with zinc sleeve



U70B/U100B/U120B



U160B/U210B/U240B

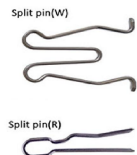


U210B/U240B/U300B

IEC designation	Minimum Mechanical Failing Load	Nominal Diameter D	Nominal Spacing H	Creepage Distance L	Socket coupling	Wet Power Frequency Withstand Voltage	Dry Lightning Impulse Withstand Voltage	Power Frequency Puncture Voltage	Radio Interference Voltage (10kV 1MHz)	Corona Visual Test P/C	Power Frequency Electric Arc Voltage	Impulse Puncture Voltage	Weight
	kn	mm	mm	mm	mm	kv	kv	kv	μv	kv	ka	P.U	kg
U70BSD	70	280	127	450	16	45	120	110	50	18/22	0.12s/20ka	2.8	5.4
U70BLD	70	280	146	450	16	45	120	110	50	18/22	0.12s/20ka	2.8	5.4
U100BLD	100	280	146	450	16	45	120	110	50	18/22	0.12s/20ka	2.8	5.4
U120BLD	120	280	146	450	16	45	120	110	50	18/22	0.12s/20ka	2.8	5.4
U160BMD	160	300	155	450	20	45	130	130	50	18/22	0.12s/20ka	2.8	7.5
U160BLD	160	340	170	550	20	50	130	130	50	18/22	0.12s/20ka	2.8	9.5
U210BD	210	300	170	450	20/24	45	120	130	50	18/22	0.12s/20ka	2.8	7.5
U210BD1	210	340	170	550	20/24	50	135	130	50	18/22	0.12s/20ka	2.8	9.5
U240BD	240	300	170	450	20/24	45	120	130	50	18/22	0.12s/20ka	2.8	7.5
U240BD1	240	340	170	550	20/24	50	135	130	50	18/22	0.12s/20ka	2.8	9.5
U300BD	300	320	195	480	24	45	130	130	50	18/22	0.12s/20ka	2.8	11

OPEN AIR PROFILE

Aerodynamic Type Disc Glass Insulator



Dielectric

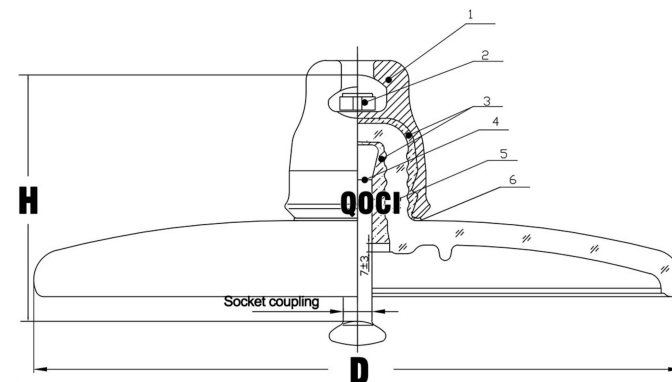


Regular pin Pin with zinc sleeve



Aerodynamic Type

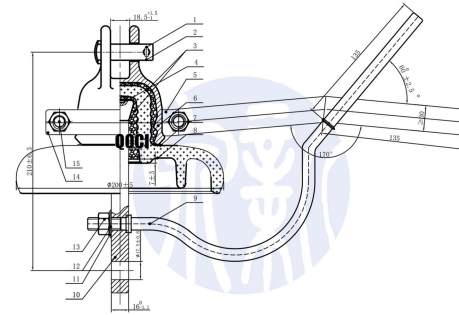
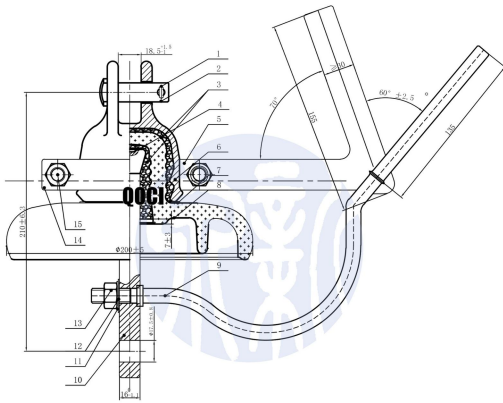
Tempered glass suspension insulator



IEC designation	Minimum Mechanical Failing Load	Nominal Diameter D	Nominal Spacing H	Creepage Distance L	Socket coupling	Wet Power Frequency Withstand Voltage	Dry Lightning Impulse Withstand Voltage	Power Frequency Puncture Voltage	Radio Interference Voltage (10kV 1MHz)	Corona Visual Test P/C	Power Frequency Electric Arc Voltage	Impulse Puncture Voltage	Weight
	kn	mm	mm	mm	mm	kv	kv	kv	μv	kv	ka	P.U	kg
U70BSA	70	380	127	365	16	45	90	130	50	18/22	0.12S/20kA	2.8	5.2
U70BLA	70	380	146	365	16	45	90	130	50	18/22	0.12S/20kA	2.8	5.3
U100BSA	100	380	127	365	16	45	90	130	50	18/22	0.12S/20kA	2.8	5.2
U100BLA	100	380	146	365	16	45	90	130	50	18/22	0.12S/20kA	2.8	5.3
U120BSA	120	380	127	365	16	45	90	130	50	18/22	0.12S/20kA	2.8	5.2
U120BLA	120	380	146	365	16	45	90	130	50	18/22	0.12S/20kA	2.8	5.3
U160BSA	160	420	146	380	20	50	95	130	50	18/22	0.12S/20kA	2.8	7.2
U160BMA	160	420	155	380	20	50	95	130	50	18/22	0.12S/20kA	2.8	7.3
U210AD	210	420	170	380	20	50	95	130	50	18/22	0.12S/20kA	2.8	7.3
U240AD	240	420	170	380	20/24	50	95	130	50	18/22	0.12S/20kA	2.8	7.5
U300AD	300	420	195	465	28	50	95	130	50	18/22	0.12S/20kA	2.8	12

Ground-wires Profile

Ground-wires Type Suspension & Tension Glass Insulator



Suspension

Tension

IEC designation	Minimum Mechanical Failing Load	Nominal Diameter	Nominal Spacing	Creepage Distance	Socket coupling	Suspending modes	Power Frequency Discharge Voltage With Gap distance 20mm		Extinguished Arc Current at Power Frequency Refresh Voltage 2500V with gap distance 15mm		Electrode Performance of Withstand Arc Current (min)			Weight
		D	H	L			Max	Min	Inductance current	Capacitance Current	Power frequency current	Time	Frequency	
	kn	mm	mm	mm	mm		kV	kV	A	A	kA	S		KG
U70C	70	200	210	220	16C	Suspension	30	8	35	20	10	0.2	2	4.5
U70CN	70	200	210	220	16C	Tension	30	8	35	20	10	0.2	2	4.5
U100C	100	200	210	220	16C	Suspension	30	8	35	20	10	0.2	2	4.5
U100CN	100	200	210	220	16C	Tension	30	8	35	20	10	0.2	2	4.5
U120C	120	200	210	220	16C	Suspension	30	8	35	20	10	0.2	2	4.5
U120CN	120	200	210	220	16C	Tension	30	8	35	20	10	0.2	2	4.5