



COMPOSITE INSULATOR CATALOG



Product Range

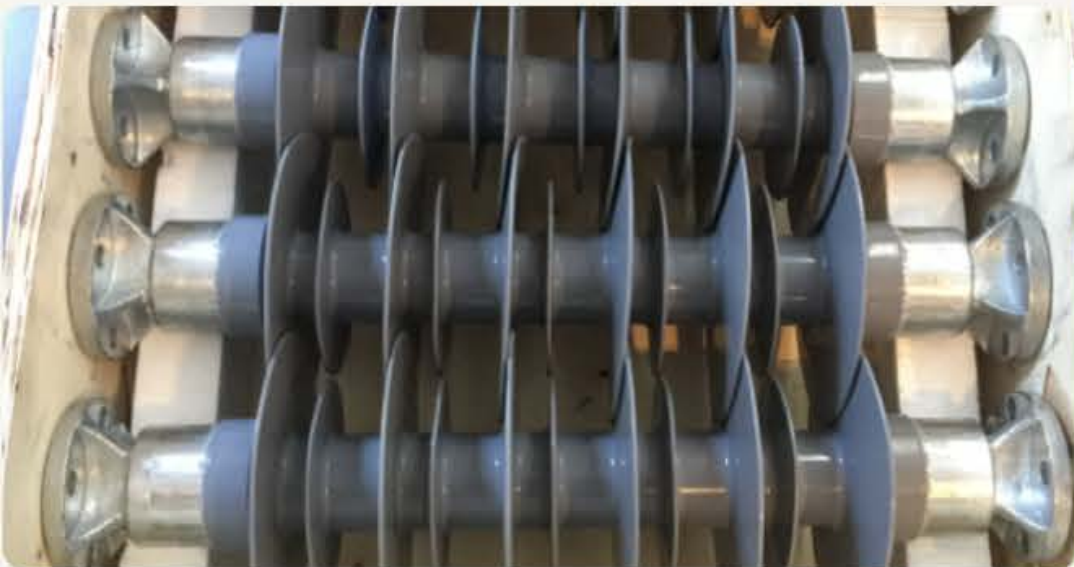
10kV~500kV

Composite Insulator

- Suspension Insulator
- Pin & Line Post Insulator
- Station Post Insulator



PACKING & STORAGE



TEST FACILITY



MANUFACTURING EQUIPMENT



Injection Machine



HTV SILICONE RUBBER



END FITTINGS

- Long rod insulator



- Line post & station post insulator

Top Fittings:

H.D.G steel, Al alloy, stainless steel;



Two Hole Blade

Horizontal ClampTop

Vertical Clamptop

Tie-Top

Bottom Fittings:



Flat

Curved-Base

Bolt Circle

Flange

Gain

STRUCTURE



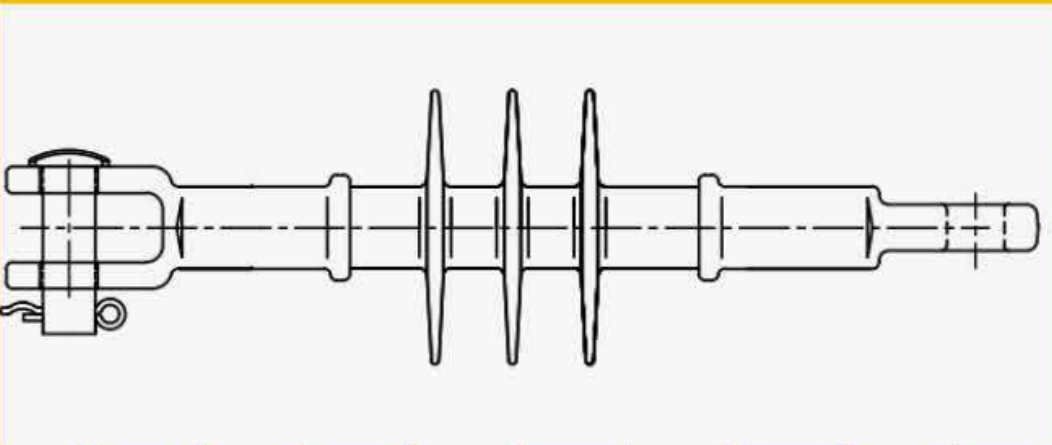
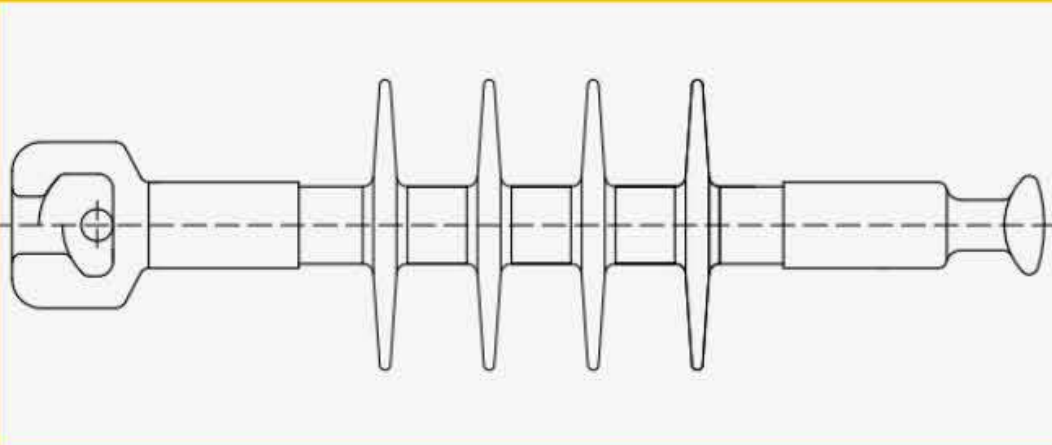
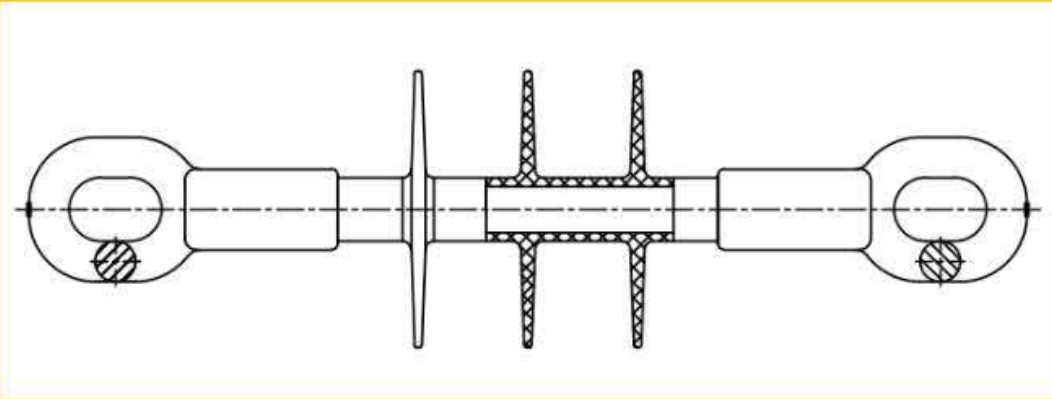
- Fiberglass core
- Silicone rubber housing
- End fittings

MAIN PARTS



Long Rod Insulator

High-Temperature subsection injection and integral molding technology for producing the suspension insulators solved the key issue of interface puncture which can affect the reliability of insulators. Rod is made of epoxy resin-reinforced fiberglass with good acid and high-temperature resistance ability, end fitting terminations have both inside, and outside sealing socket designs, and the connection between end fittings and the core rod is achieved by a crimping machine.

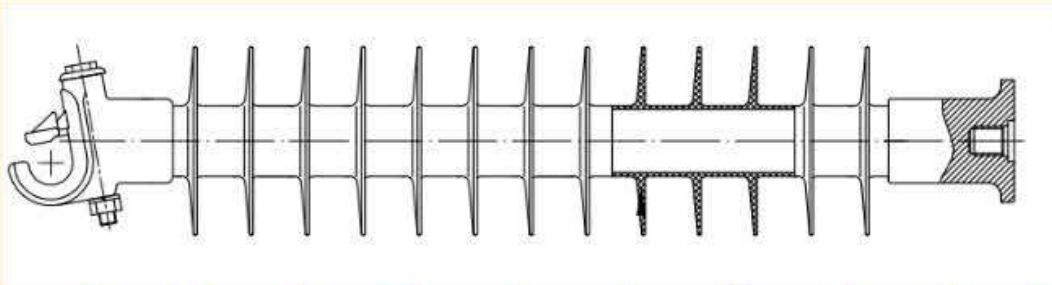
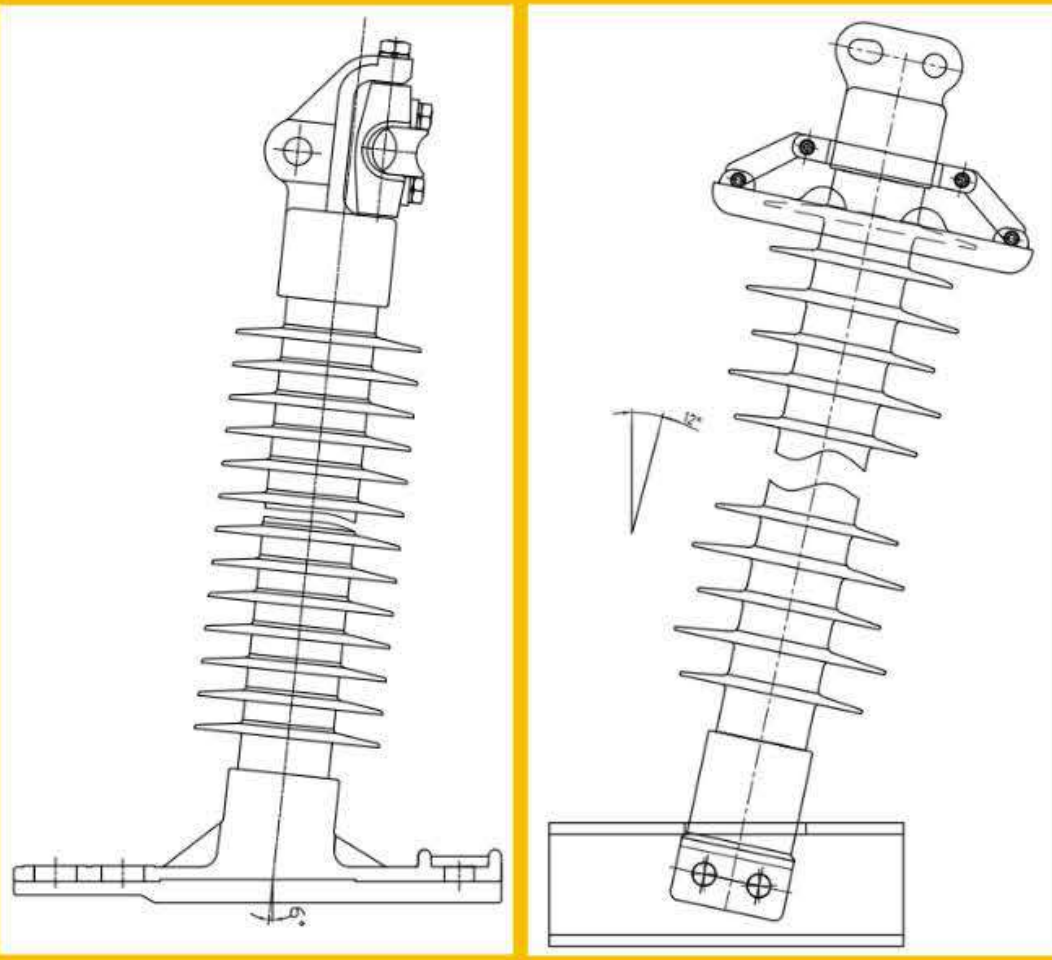
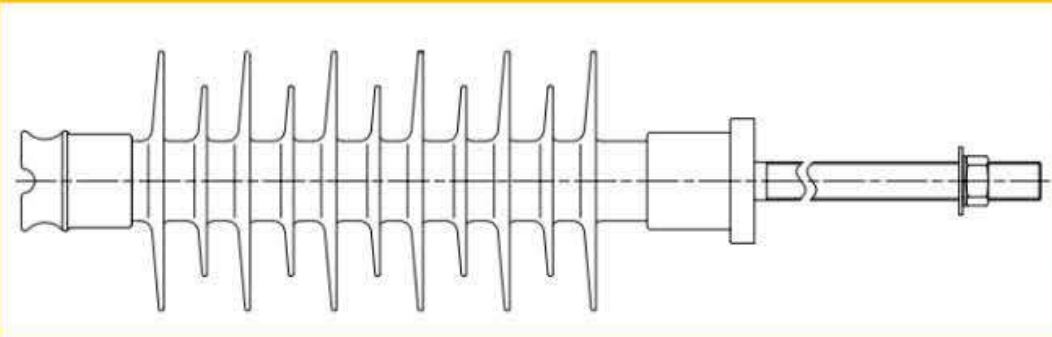


Drawing No.	Rated Voltage (kV)	Section Length (mm)	Mechanical Failing Load (kN)	Creepage Distance (mm)	Lightning Impulse Withstand Voltage (kV)	Power Frequency Withstand Voltage (kV)
FXB-11/70	11	325	70	300	95	35
FXB-22/70	22	412	70	450	150	60
FXB-33/70	33	490	70	900	170	70
FXBW-33/80	33	592	80	1080	200	120
FXB-66/120	66	945	120	1813	350	140
FXBW-110/70	110	1196	70	3170	550	230
FXBW-110/120	110	1022	120	2750	530	230
FXBW-132/80	132	1400	80	3300	650	320
FXBW-220/120	220	2285	120	6800	1050	565
FXBW-220/160	220	3030	160	11025	1050	470
FXBW-330/120	330	2620	120	10050	1250	500
FXBW-330/160	330	3120	160	11500	1425	730
FXBW-400/210	400	5550	210	17000	1425	630



Line Post Insulator

Pin & line post insulator has good performance of anti-bending, anti-impact, antishock and anti-explosion. With reliable inner insulating ability, and light weight, it is an ideal substitute of traditional porcelain insulators.

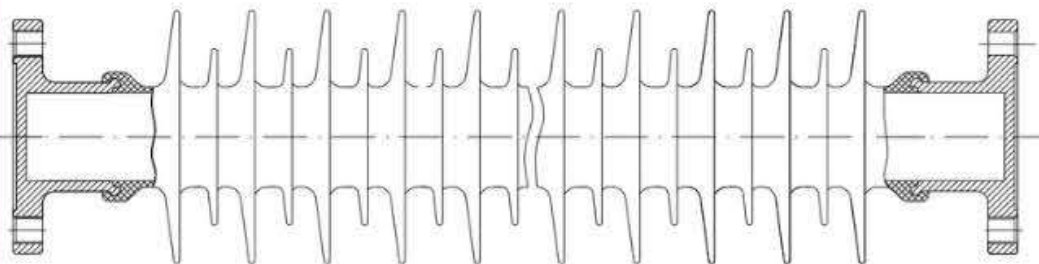
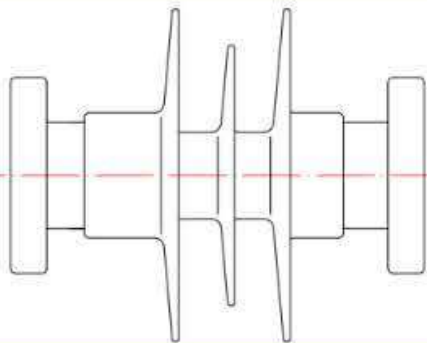
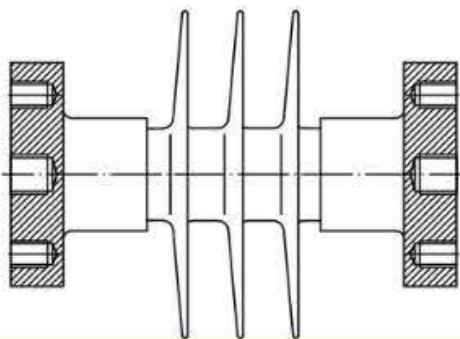
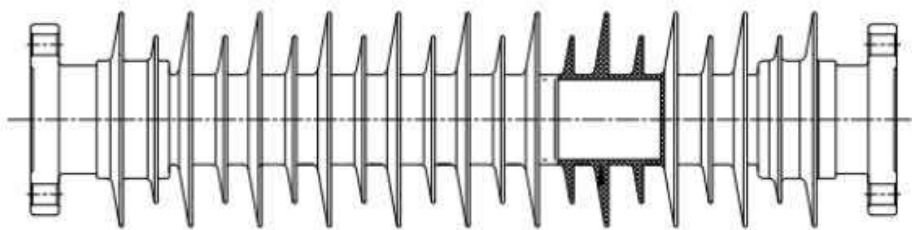


Drawing No.	Rated Voltage (kV)	Section Length (mm)	Cantilever Strength (kN)	Creepage Distance (mm)	Lightning Impulse Withstand Voltage (kV)	Power Frequency Withstand Voltage (kV)
FPW-11/10	11	225	10	300	130	48
FPW-22/12	22	482	12	600	170	70
FPW-33/10	33	387	10	900	200	100
FZS-33/20	33	552	20	1200	170	95
FZSW-66/3.8	66	975	3.8	2247	380	185
FZS-69/11.1	69	950	11.1	1753	260	130
FZS-69/16.5	69	1111	16.5	2900	500	245
FZSW-115/15.2	115	1252	15.2	3040	520	280
FZSW-138/10	138	1661	10	4495	700	400
FZSW-220/18.2	220	2854	18.2	7650	1360	665
FZSW-220/9	220	2240	9	6900	1100	450
FZSW-230/12	230	2400	12	6300	1050	480
FZSW-230/12.5	230	2278	12.5	7200	1050	460



Station Post Insulator

Composite post insulator has good performance of anti-bending, anti-pollution, anti-shock and anti-brittle. With small size and light weight, it is maintenance-free and can be installed conveniently. And it is interchangeable with porcelain insulators.



Drawing No.	Rated Voltage (kV)	Section Length (mm)	Cantilever Strength (kN)	Creepage Distance (mm)	Lightning Impulse Withstand Voltage (kV)	Power Frequency Withstand Voltage (kV)
FZS-36/8	36	445	8	900	170	70
FZS-52/8	52	560	8	1300	250	95
FZS-72.5/8	72.5	490	8	1813	325	140
FZS-72.5/10	72.5	920	10	1900	450	185
FZSW-110/8	110	1100	8	2900	450	185
FZSW-132/6	132	1500	6	4500	650	270
FZSW-150/4	150	1700	4	4250	750	325
FZSW-220/13.5	220	2564	13.5	7300	1175	600
FZSW-220/20	220	2600	20	7640	1175	460
FZSW-400/10.5	400	3310	10.5	9800	1610	750
FZSW-400/16	400	3157	16	9440	1300	680
FZSW-500/7.5	500	4670	7.5	14100	2210	1100
FZSW-500/8	500	4400	8	10500	1550	680

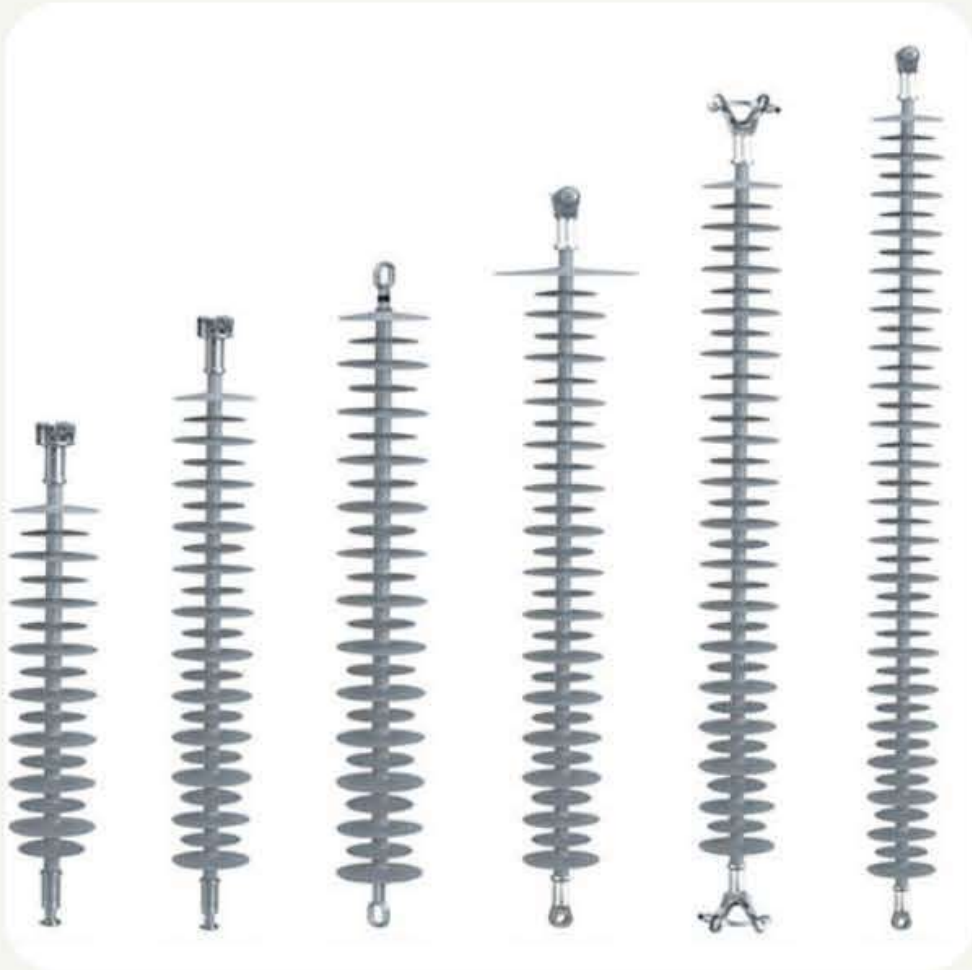
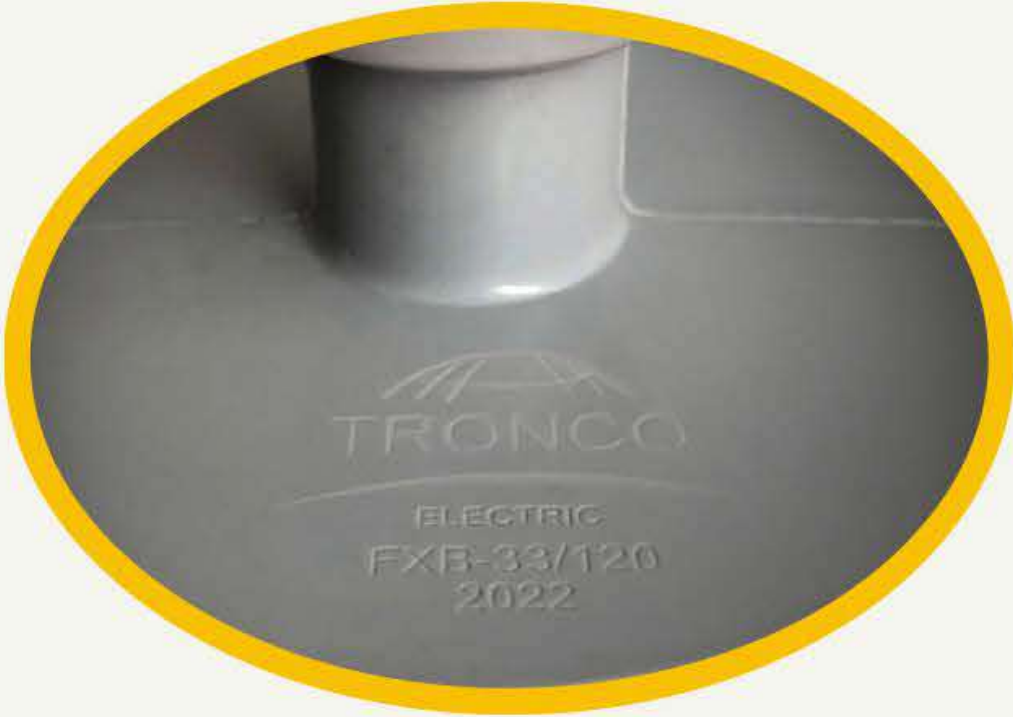
STATION POST



LINE POST



SUSPENSION INSULATOR





COMPOSITE INSULATOR APPLICATION



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