



*Energy is
future, make it
bright!*



Company Profile:

NirooKelid Pars and BasparSazehPazavar(NKP & BSP) were established in 2004 with the head office located in Tehran and their plant in Isfahan and Semnan, Iran.

With a continuous investment in R&D, NKPCo manufactures various products such as; Transmission and distribution suspensions, Line post and station post insulators, Fuse cutouts, and disconnecter Switches. Other products include riser support insulators, dead-end extension insulators, a special insulator for in-line switches and interphase spacers.

Our products are designed based on innovation and international standards (e.g. CSA, CEA, ANSI, IEE, IEC, and etc.) to reach the maximum level of customer satisfaction.

NirooKelid Pars as one of the largest manufacturer of HV power equipment warrants the performance of its products and provide a two years warranty as a proof of that.

NKPCo's team is totally dedicated to high quality and performance improvement. They are committed to using the best material and developing a design that leads to optimum product solutions, flexibility, efficiency, and effectiveness.

We strive to become one of the most technologically advanced and reliable companies the region.



Product List:

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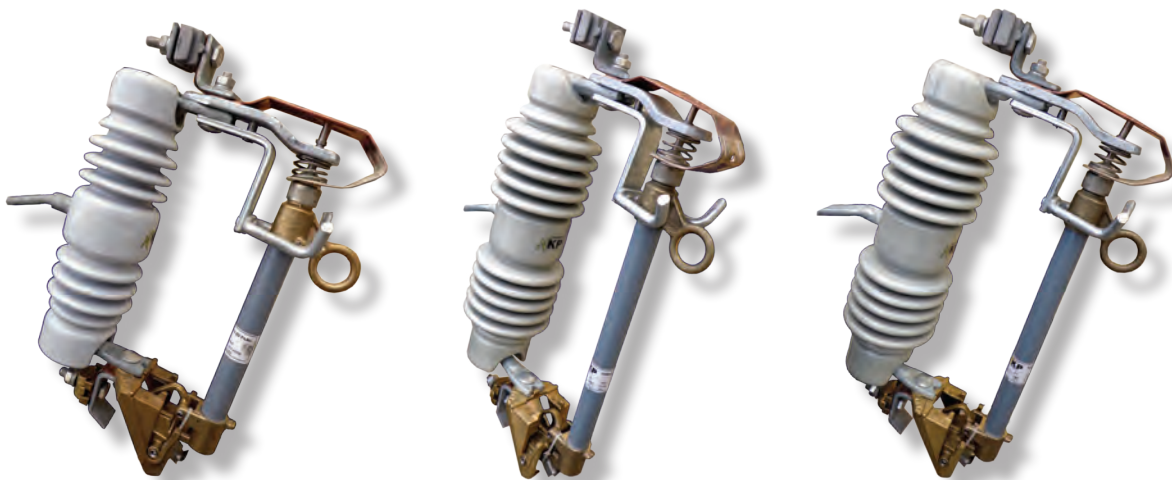


Part One

*Fuse Cutouts &
Disconnecter Switch*



1-1 : Porcelain Fuse Cutout



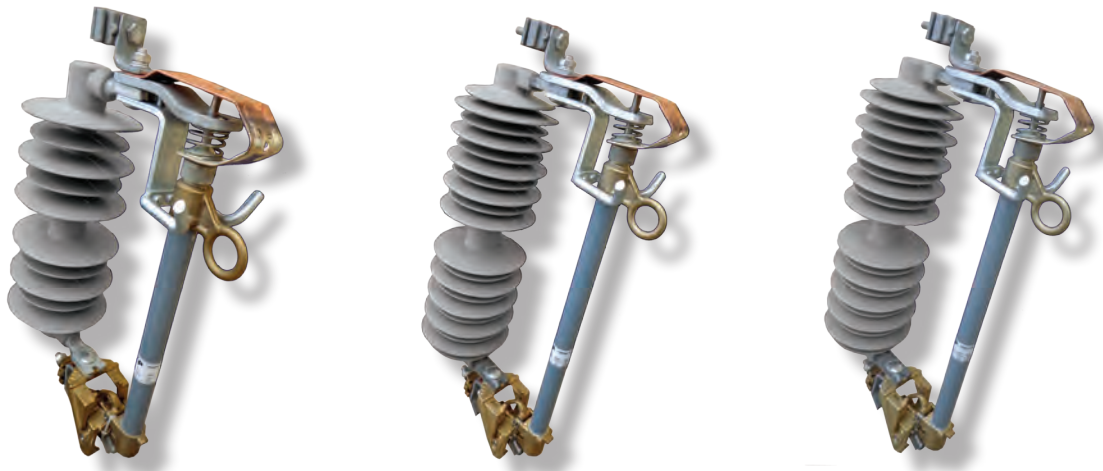
Code No.	NOM Voltage (kv)	MAX Voltage (kv)	Rated Current (A)	Creepage Distance	Section Length (mm)
CFC-240	11	15	100	240	400
CFC-340	20	24	100	340	494
CFC-400	20	24	100	400	495



1-2 : Polymeric Fuse Cutout

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Fuse Cutouts &
Disconnecter Switch

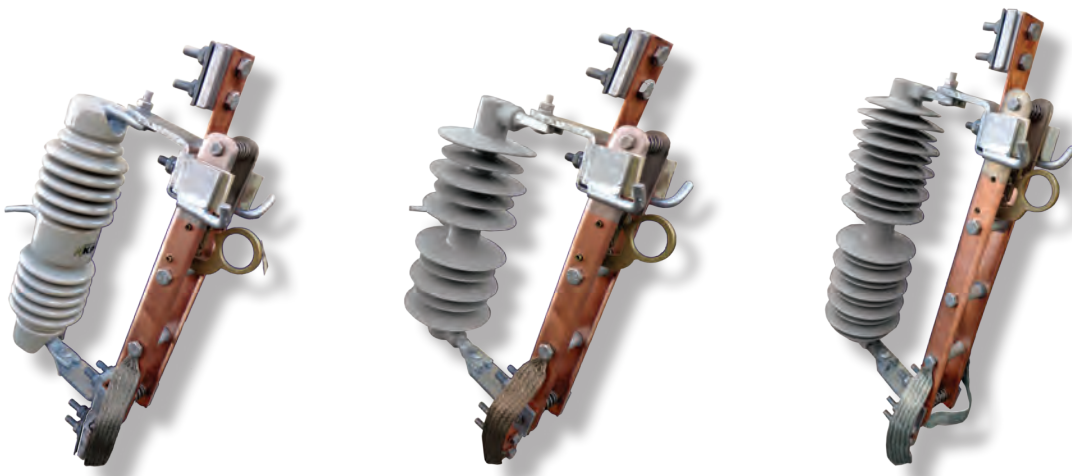


Code No.	NOM Voltage (kv)	MAX Voltage (kv)	Rated Current (A)	Creepage Distance	Section Length (mm)
PFC-700	20	24	100	700	495
PFC-1050	33	36	100	1050	585
PFC-2050	33	36	200	1050	585

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1-3 : Disconnecter Switch



Code No.	NOM Voltage (kv)	MAX Voltage (kv)	Rated Current (A)	Creepage Distance	Section Length (mm)
CDS-400	20	24	630	400	494
PDS-700	20	24	630	700	494
PDS-1050	33	36	630	1050	585



Part Two

Silicone insulators
(Distribution)



2-1 : Pin Type



**Silicone insulators
(Distribution)**

Product Model	Voltage Rate (KV)	Length (mm)	Creepage Distance (mm)	Arcing Distance (mm)	No. Of Sheds	Max. bending Mechanical Loud (KN)	Power Frequency		Lightning Impulse	
							Flashover		50%Flashover	
							Withstand		Critical Withstand	
							Dry (KV)	Wet (KV)	Pos. (KV)	Neg. (KV)
P-5	24	240	710	250	5	7	110	101	160	250
							80	70	150	220
P-7	36	290	1000	300	7	7	130	125	190	260
							90	80	180	250
P-9	36	350	1270	360	9	6	200	180	230	390
							110	100	200	350



2-2: Suspension Type



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Silicone insulators
(Distribution)

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Product Model	Voltage Rate (KV)	Length (mm)	Creepage Distance (mm)	Arcing Distance (mm)	No. Of Sheds	Max. Tensile Mechanical Load (KN)	Power Frequency		Lightning Impulse	
							Flashover		50%Flashover	
							Withstand		Critical Withstand	
							Dry (KV)	Wet (KV)	Pos. (KV)	Neg. (KV)
S-7	24	440	730	290	7	70	110	97	170	205
							85	70	160	185
S-9	36	500	920	350	9	70	130	115	200	236
							95	75	185	210
S-11	36	560	1100	410	11	70	135	128	250	325
							100	85	230	306
S-13	36	620	1300	470	13	70	150	130	270	360
							110	95	250	320



2-3 : Station Post



15 KV



28 KV



36 KV



46 KV



Silicone insulators
(Distribution)

Product Model	Voltage Rate (KV)	Length (mm)	Creepage Distance (mm)	Arcing Distance (mm)	No. Of Sheds	Max. Bending Mechanical Load (KN)	Power Frequency		Lightning Impulse	
							50% Flashover		50% Flashover	
							Withstand		Critical Withstand	
							Dry (KV)	Wet (KV)	Pos. (KV)	Neg. (KV)
DS - 3	15	190	424	182	3	8	100	80	140	190
							70	60	120	165
DS - 5	28	244	700	236	5	7	110	100	160	250
							80	70	150	220
DS - 7	36	298	975	290	7	7	130	125	190	260
							90	80	180	250
DS - 9	46	352	1250	344	9	6	200	180	230	390
							110	100	200	350



Part Three
Transmission
Silicone Insulators



3-1 : Station Post



69 KV



132 KV



230 KV

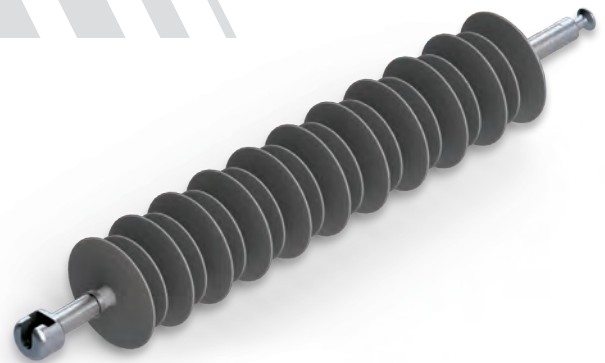


Transmission
Silicone Insulators

Product Model	Voltage Rate (KV)	Length (mm)	Creepage Distance (mm)	Arcing Distance (mm)	No. Of Sheds	Max. Bending Mechanical Load (KN)	Power Frequency		Impulse Withstand (KV)
							50% Flashover Withstand		
							Dry (KV)	Wet (KV)	
TS - 21	69	816	2725	720	21	12	250	220	380
							210	190	
TS - 45	132	1536	5156	1426	45	10	450	400	700
							410	370	
TS - 91	230	2860	10300	2800	91	10	750	700	1450
							690	600	



3-2: Deadend / Suspension



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Transmission
Silicone Insulators

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Product Model	Voltage Rate (KV)	Length (mm)	Creepage Distance (mm)	Arcing Distance (mm)	No. Of Sheds	Max. Tensile Mechanical Load (KN)	Power Frequency		Lightning Impulse	
							50% Flashover		50% Flashover	
							Withstand		Critical Withstand	
							Dry (KV)	Wet (KV)	Pos. (KV)	Neg. (KV)
S - 17	69	850	2550	700	17	80/120	280	250	355	510
							175	155	330	490
S - 21	69	980	3200	850	21	80/120	310	280	375	545
							330	260	350	510
S - 35	132	1500	5200	1340	35	120/160	530	455	800	840
							300	280	670	730
S - 43	132	1800	6360	1600	43	120/160	585	475	835	870
							320	290	730	780
S - 63	230	2500	9300	2300	63	160/210	785	725	1420	1460
							650	580	1210	1250
S - 75	230	3000	11000	2750	75	160/210	835	785	1380	1455
							700	670	1300	1420
S - 121	400	4600	17800	4350	121	210/300	1320	1150	2480	2700
							1100	950	2150	2300



Part Four

Interphase Spacer





4-1 : Distribution & Transmission

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Interphase Spacer

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Product Model NO.	Voltage Rate (KV)	Length (mm)	Creepage Distance (mm)	Arcing Distance (mm)	No. Of Sheds	Max. Tensile Mechanical Load (KN)	Power Frequency Withstand Voltage	
							Wet (KV)	Pos. (KV)
IPS-900	36	900	1300	710	10	70	195	395
IPS-1100	36	1100	1490	910	10	70	210	405
IPS-3500	66	3500	5700	3300	26	120	400	600
IPS-4000	132	4000	7900	3600	39	120	450	700
IPS-4900	230	4900	10850	4500	52	160	650	1250
IPS-6500	230	6500	12500	6100	52	160	680	1350
IPS-11000	400	11000	23500	10500	104	210	1200	2500



Interphase Spacer

Part Five

Other Products

5-1: Custom made & Other Products



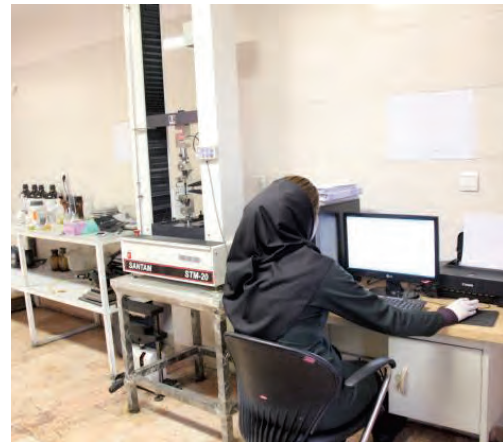
We can produce based on your drawing and specification.

Standards & Testing:

- 3 point bend-Test
- Temperature Rise Tests
- Water Diffusion Test
- Thermal Cycle Tests
- Bolt Torque Tests
- Dye penetration
- Manual Operation Tests
- Torque-Test
- Power Frequency Dry Withstand
- Power Frequency Wet Withstand
- Impulse (BIL)
- Radio Influence Voltage
- Tensile Test
- Hardness Test
- Flammability Test
- Compression Set
- Water Diffusion Test



Certifications:





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