



MEGALEC

POWER FITTINGS



Company Certificate



Manufacture by GULIFA



Terminal And Connectors

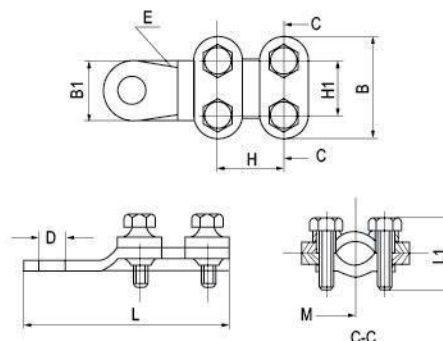
Screw-type Terminal Clamp

WCJB

Material: Copper content=99.9%

Surface: Coated with tin.

Application: Suitable for transition connection of the electric appliance of indoors distributing device and kinds of wire cables.



Technical Parameters

Type No	Conductor (mm ²)	Main Dimensions (mm)							
		L	L ₁	B	B ₁	H	H ₁	D	M
WCJB-1	16~25	3.95	15	25	16.5	13	13	8.8	5
WCJB-2	16~25	45	15	22	18	13	13	8.5	5
WCJB-3	25~35	52.5	15	24.5	21.2	13.5	13.5	10.5	5
WCJB-4	50~70	61	21	31	23	18.5	18.5	10.5	6
WCJB-5	70~95	69	24	35	23.5	20	20	10.5	6
WCJB-6	95~120	74	20.5	42	28.5	22.5	22.5	13.5	7
WCJB-7	120~150	73.5	30	41	27	24	24	13.5	8
WCJB-8	150~185	76	30	42	28	24.5	24.5	13.5	8
WCJB-9	185~240	80	32	44	30	25	25	13.5	8

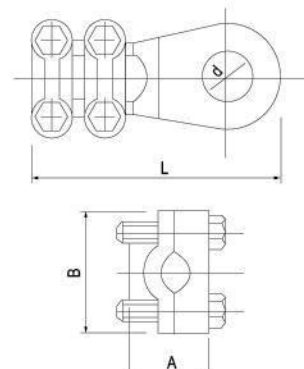
Bolted Brass Lug

WCJC

Material: Brass

Surface: Coated with nickel.

Application: Suitable for transition connection of the electric appliance of indoors distributing device and kinds of wire cables.



Technical Parameters

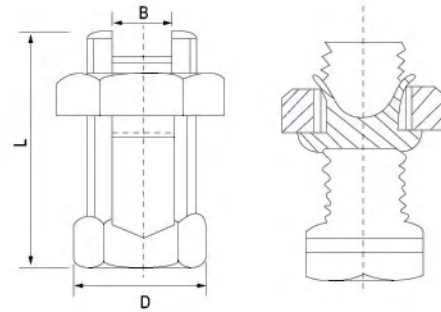
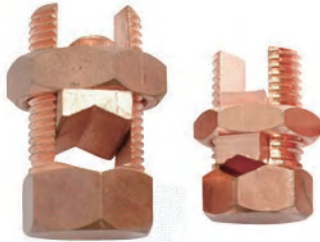
Type No	Conductor (mm ²)	Main Dimensions (mm)			
		L	A	B	d
WCJC-1	16	37	10	21	7.5
WCJC-2	25~35	48	13	22	11
WCJC-3	50~70	60	17	31	11
WCJC-4	120~150	70	23	35	15
WCJC-5	210~250	90	30	46	17
WCJC-6	300~500	125	35	62	23

Split Bolt Connector

Material: Brass

Surface: Coated with tin or red copper.

Application: Suitable for the sequence and transportation of all kinds of conductor in electric netting.



Technical Parameters

Type No	Main Dimensions (mm)			
	L	D	B	Screw thread
SB16-35	38	17	8.5	5/8-18UNF-2A
SB25-50	42	19	10	3/4-16UNF-2A
SB50-70	46	21	11	3/4-16UNF-2A
SB95-120	50	26	14.5	1-12UNF-2A
SB150-185	60	30	17.2	1 ³ / ₁₆ -12UNF-2A
SB200-240	65	32	19.3	1 ¹ / ₄ -12UNF-2A
SB10	27	13	5	1/2-20UNF-2A
SB16	30	14	6	G1/4
SB25	32	17	7	5/8-18UNF-2A

Type No	Main Dimensions (mm)			
	L	D	B	Screw thread
SB35	38	17	8.5	5/8-18UNF-2A
SB50	42	19	10	3/4-16UNF-2A
SB70	46	21	11	3/4-16UNF-2A
SB95	46	26	13.3	1-12UNF-2A
SB120	50	26	14.5	1-12UNF-2A
SB150	55	30	16.5	1 ³ / ₁₆ -12UNF-2A
SB185	60	30	17.2	1 ³ / ₁₆ -12UNF-2A
SB240	65	32	19.3	1 ¹ / ₂ -12UNF-2A

CCT Copper Connection Clamp

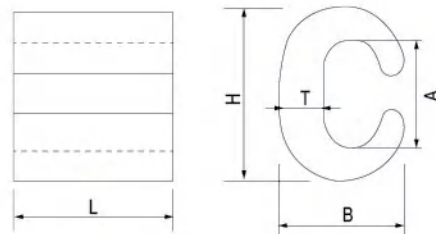
Material: Copper content=99.9%

Surface: Coated with tin=3um

Application: C clamp is made from high purity copper, Suitable for

many uses, Both to establish the grounding grids, can also tap overhead distribution lines

Feature: Interior design strip texture to enhance its grip



Technical Parameters

Type No	Suitable section conductor mm ²	Main Dimensions (mm)					
		H	A	B	L	C	T
CCT-10	7.5-14	9.5	6.3	6.2	12	4	1.6
CCT-16	14.5-16	11.8	7.8	7.8	13	5	2
CCT-20	16.5-20	12.8	8.6	9.7	13	5.4	2.9
CCT-26	21-26	14.7	10.2	10.0	16	6.5	3.2
CCT-44	27-44	19	13.4	14.4	20	8.5	4
CCT-60	45-60	21	15.4	15.4	22	9.7	4
CCT-76	61-76	24.4	17.3	17.6	22	10.8	5
CCT-98	77-98	27.8	20.8	18.8	25	12.8	5
CCT-122	99-122	29.8	22.1	21.2	26	13.5	5.5

Type No	Suitable section conductor mm ²	Main Dimensions (mm)					
		H	A	B	L	C	T
CCT-154	123-154	34	25.7	24.4	28	17	6
CCT-190	155-154	37	28.5	25.4	35	17.4	6
CCT-240	191-240	40	30.2	28.5	40	19	7
CCT-288	141-288	44.5	34.7	34.1	45	22.3	7
CCT-365	189-365	47.5	37.7	34	50	24.8	7
CCT-450	366-450	57	42.5	41	60	28	10
CCT-560	451-560	62	46	44	65	31	11
CCT-700	561-700	68	54	49.5	70	44	12

Insulation Piercing Connector

Function and Features

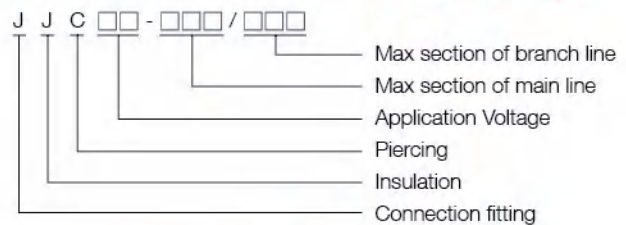
JJC insulation piercing connectors are mainly used for the branch connection, splicing and grounding protection for 20kV, 10kV and 1 kV or below.

1. Simple installation. Put the main line and the branch line directly on the right place without wire stripping. Tighten the torque nuts evenly with insulated gloves and wrench.
2. Low resistance and low temperature-rise. The special bolts can ensure equal piercing pressure for superior electric contact and less wire damage, so that make sure the normal service life of the pierced wire.
3. Sealing structure and good insulation. The connectors are filled with insulated lubricant. As a result, the sealing and waterproof structure can increase the insulated intensity and safety.
4. Wide range of applications. They are applicable for the branch connection of copper or aluminum wires, equality-diameter or inequality-diameter wires, and transit connection of copper wire with aluminum wire.

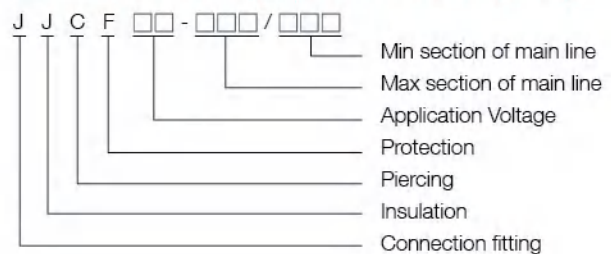
Remark.

1. The conductors for piercing connectors must be in national standard.
2. The workers must be extremely professional in their work.
3. Please put on insulated gloves and use insulated wrench for live working.
4. Don't use it again after dismantlement due to its non-renewable character.

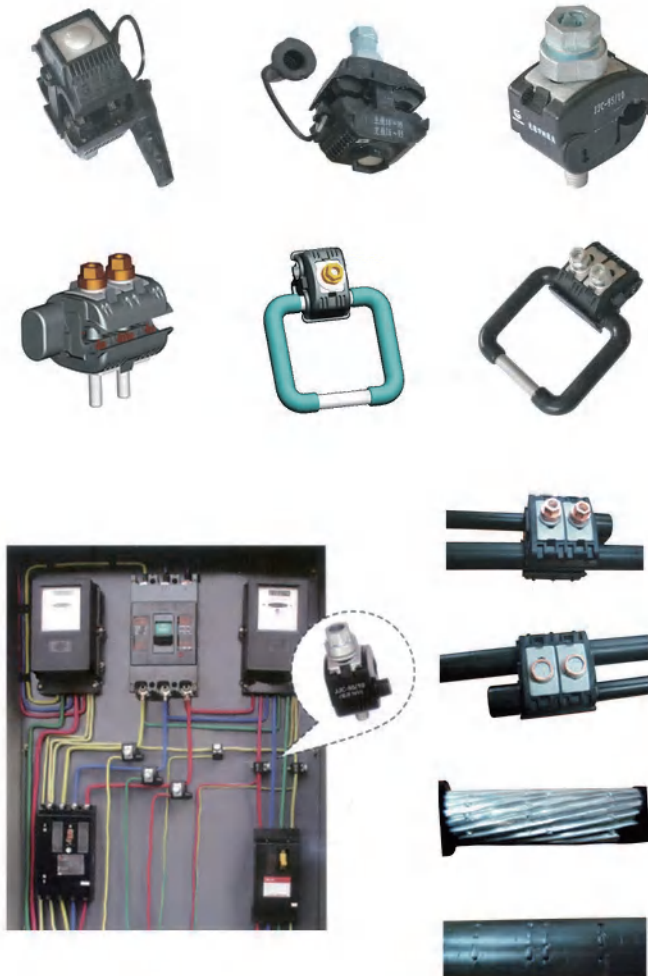
Insulation Piercing Connector Naming Way



Piercing Grounding Protection Naming Way



1kV Insulation Piercing Clamp Connector (IPC)



Technical Parameters

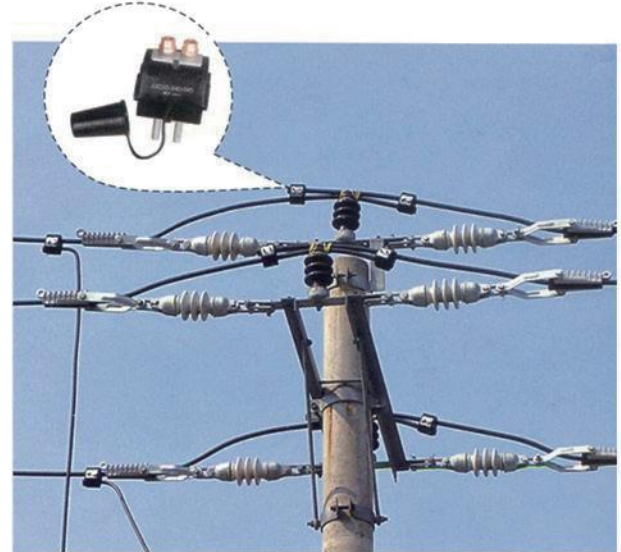
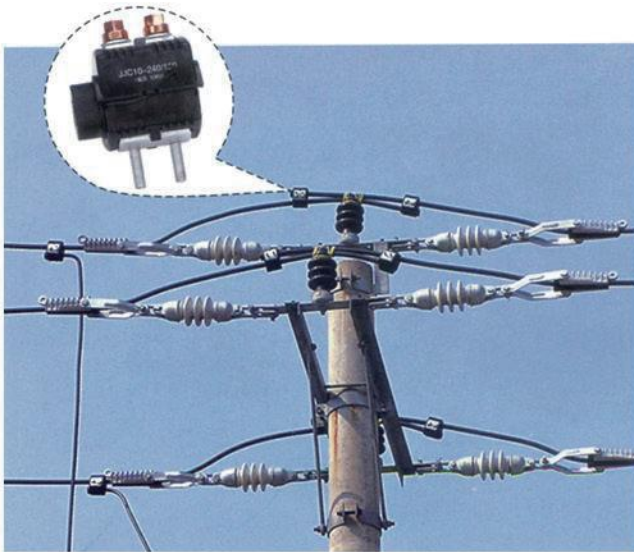
Model	Equivalent Type	Main Line Cross Section	Branch Line Cross Section
GZ01	JJC-01	0.75 ~ 6	0.75 ~ 6
GZ041	JJC-1	6 ~ 10	1.5 ~ 6
GZEP	JJC-2/0	16 ~ 95	1.5 ~ 10
GZ2-95	JJC-2/1	16 ~ 95	4 ~ 35
GZ3-95	JJC-2	25 ~ 95	25 ~ 95
GZ2-150	JJC-3/1	50 ~ 150	6 ~ 35
GZ4-150	JJC-3/3	50 ~ 150	50 ~ 150

Model	Main line	Branch line
JJC-300/300	240 ~ 300	240 ~ 300
JJC-240/240	150 ~ 240	150 ~ 240
JJC-240/120	150 ~ 240	70 ~ 120
JJC-240/50	150 ~ 240	16 ~ 50
JJC-150/150	95 ~ 150	95 ~ 150
JJC-150/70	95 ~ 150	35 ~ 70
JJC-95/95	50 ~ 95	50 ~ 95
JJC-95/50	50 ~ 95	10 ~ 50
JJC-70/35	16 ~ 70	10 ~ 35
JJC-95/10	16 ~ 95	1.5 ~ 10(Stree Lamp Branch Line)
JJC-50/10	10 ~ 50	1.5 ~ 10
JJCD-240 ~ 300	240 ~ 300	Grounding Connector
JJCD-95 ~ 240	95 ~ 240	Grounding Connector
JJCD-35 ~ 120	35 ~ 120	Grounding Connector
JJCD-16 ~ 95	16 ~ 95	Grounding Connector

10kV Insulation Piercing Clamp Connector & Grounding Connector

Application to branch connection and succession on for 10kV insulated overhead distribution systems.

Application to branch connection and succession for 20kV insulated overhead distribution systems.



Insulating Fitting



Model	Main Line	Branch Line
JJC10-55(300/300)	240 ~ 300	240 ~ 300
JJC10-44(240/240)	150 ~ 240	150 ~ 240
JJC10-43(240/150)	150 ~ 240	95 ~ 150
JJC10-42(240/95)	150 ~ 240	50 ~ 95
JJC10-41(240/50)	150 ~ 240	25 ~ 50
JJC10-33(150/150)	95 ~ 150	95 ~ 150
JJC10-32(150/95)	95 ~ 150	50 ~ 95
JJC10-31(150/50)	95 ~ 150	25 ~ 50
JJC10-22(95/95)	50 ~ 95	50 ~ 95
JJC10-21(95/50)	50 ~ 95	16 ~ 50
JJC10-11(50/50)	16 ~ 50	16 ~ 50
JJCD10-240 ~ 300	240 ~ 300	Grounding Connector
JJCD10-95 ~ 240	95 ~ 240	Grounding Connector
JJCD10-35 ~ 120	35 ~ 120	Grounding Connector
JJCD10-16 ~ 95	16 ~ 95	Grounding Connector

Model	Main Line	Branch Line
JJC20-44	185 ~ 240	185 ~ 240
JJC20-43	185 ~ 240	150 ~ 120
JJC20-42	185 ~ 240	70 ~ 95
JJC20-33	120 ~ 150	120 ~ 150
JJC20-32	120 ~ 150	70 ~ 95
JJC20-31	120 ~ 150	35 ~ 50
JJC20-11	35 ~ 70	35 ~ 70
JJCD20-150 ~ 240	150 ~ 240	Grounding Connector
JJCD20-35 ~ 120	35 ~ 120	Grounding Connector

Insulating Fitting

JNS four cores anchor clamp

Application

For use with the end of aerial insulation lines up to 1kV, tighten up the insulation conductor.

Features

The clamp has designed four core parallel groove, after clamping the

four insulation conductor (not remove the insulation layer), tighten up the bolt till stop.

Technical Parameters

Type	Applicable conductor (mm ²)	Remark	
JNS-1A	16~50X4	Screw type body is made of aluminum alloy	
JNS-2A	50~120X4		
JNS-1B	10~50X4	Tension plate type, body is made of weather engineering plastic	
JNS-2B	50~120X4		
JNS-3B	150~240X4		
JNS-1D	10~50X2	Tension plate type, body is made of weather engineering plastic	
JNS-2D	70~120X2		
JNS-1C	16~25X4	Aluminum alloy body, weather engineering plastics inside wedge, hot-dip galvanized steel tension plate type	
JNS-2C	35~50X4		
JNS-3C	70X4		
JNS-4C	95X4		
JNS-5C	120X4		
JNS-1E	16~35X4	Weather engineering plastic body and inside wedge, stainless steel pull ring	
JNS-2E	50~70X4		
JJP-1	4X4	Four line parallel clevis	
JJP-2	6~16X4		
JJP-3	4~16X2	Double line parallel clevis	
JJP-4	25~35X2		
JNSZ-16	16	Non-insulation neutral wire sling systems Core clamp	
JNSZ-25	25		
JNSZ-35	35		
JNSZ-50	50		

JJE Series Wedge Clamp And Insulation Cover

Application

JJE wedge clamp is suitable for no-bearing connecting of conductor for overhead distribution circuit, also for mating aluminum connection

overhead insulation aluminum core wire, insulation cover or clamp, it takes effect on protection.



Technical Parameters

Clamp type No.	Earthing clamp type No.	Conductor Dia.	AAC	ACSR	ABC	Suitable installation tool	Insulation cover type No.	
							branch Line	jumper Line
JJE-1XX	JJED-1XX	≤10	≤50mm ²	≤50/8mm ²	≤50mm ²	small tool	JJE-2(Z)	JJET-2(Z)
JJE-2XX	JJED-2XX	≤15	≤120mm ²	≤95/20mm ²	≤150mm ²	small tool	JJE-4(Z)	JJET-4(Z)
JJE-3XX	JJED-3XX	≤20	≤240mm ²	≤185/45mm ²	≤240mm ²	big tool		
JJE-4XX	JJED-4XX	≤26	≤400mm ²	≤300/70mm ²	≤300mm ²	big tool		

For Overhead Insulated Cable

Main Conductor Specification	Dia. (mm)	Branch Line (Overhead Insulated Cable)										Earthing Clamp JJED
		JKLY-300	JKLY-240	JKLY-185	JKLY-150	JKLY-120	JKLY-95	JKLY-70	JKLY-50	JKLY-35	JKLY-25	
JKLY-300	20.6	412	410	409	408	407	405	404	402	401	401	JJED-404
JKLY-240	18.4		316	314	313	311	309	308	306	305	304	JJED-308
JKLY-185	16.2			312	310	309	307	306	304	303	302	JJED-306
JKLY-150	14.6				213	212	211	209	207	206	205-1	JJED-209
JKLY-120	13.0					211	209	208	206	205	204-1	JJED-208
JKLY-95	11.6						208	206	205	203	202	JJED-206
JKLY-70	10.0							205	203	202	201	JJED-205
JKLY-50	8.3								106	105	104	JJED-203
JKLY-35	7.0									104	103	
JKLY-25	6.0										102	

JJE Series Wedge Clamp And Insulation Conver

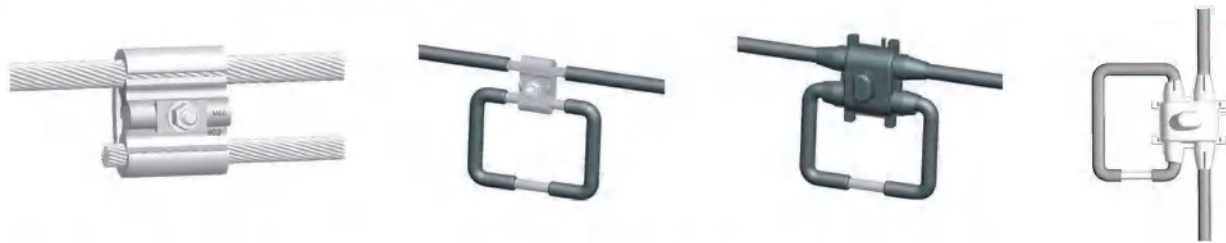
For AAC

Main Conductor Specification	Dia. (mm)	Branch Line (AAC)												Earthing Clamp JJED
		LJ-300	LJ-240	LJ-210	LJ-185	LJ-150	LJ-120	LJ-95	LJ-70	LJ-50	LJ-35	LJ-25	LJ-16	
LJ-300	22.40	414	413	412	411	410	409	407	406	405	403	402	401	JJED-406
LJ-240	20.00		318	318	317	315	314	312	310	308	307-1	306-1	305-1	JJED-309
LJ-210	18.80			317	316	314	313	310	309	307	306-1	305	304-1	JJED-308
LJ-185	17.50				315	313	311	309	308	306	305	304	302	JJED-307
LJ-150	15.75					311	309	307	306	304	303	302	301	JJED-305
LJ-120	14.25						213	211	210	208	206	205	204-1	JJED-209
LJ-95	12.12							209	207	206	204	203	202	JJED-207
LJ-70	10.80								206	205	203	202	201	JJED-205
LJ-50	9.00									203	106	105	104	JJED-204
LJ-35	7.50										105	104	103	
LJ-25	6.45											103	102	
LJ-16	5.10												101	
LGJ-240/30	21.60	414	412	411	410	409	408	407	406	404	403	402	401	JJED-405
LGJ-185/25	18.89	412	318	317	316	314	313	311	309	307	306	30.5	304	JJED-308
LGJ-150/25	17.10	411	317	316	314	312	311	309	307	306	304	303	302	JJED-307
LGJ-150/20	16.77	410	316	315	314	312	311	308	307	305	304	303	302	JJED-306
LGJ-95/55	16.00	410	316	315	313	311	310	308	306	305	303	302	301	JJED-306
LGJ-120/25	15.74	410	315	314	313	311	309	307	306	304	303	302	301	JJED-305
LGJ-120/20	15.07	409	315	314	312	310	309	307	305-2	304	302	301	319	JJED-305
LGJ-95/20	13.87	408	314	312	311	309	212	211	209	207	206	205	204-1	JJED-208
LGJ-70/40	13.60	408	313	312	311	309	212	210	209	207	206	205	203-1	JJED-208
LGJ-70/10	11.40	407	311	310	308	307	210	208	207	205	204	202	201	JJED-206
LGJ-50/8	9.60	405	309	308	307	305	208	206	205	203	107	106	105	JJED-204
LGJ-35/6	8.16	404	308-1	306	305	304	207	205	204	107	106	106	103	

For ACSR

Main Conductor Specification	Dia. (mm)	Branch Line (ACSR)											
		LGJ-240/30	LGJ-185/25	LGJ-150/25	LGJ-150/20	LGJ-95/55	LGJ-120/25	LGJ-120/20	LGJ-95/20	LGJ-70/40	LGJ-70/10	LGJ-50/8	LGJ-35/6
LGJ-240/30	21.60	413	411	410	410	409	409	409	408	408	406	405	403
LGJ-185/25	18.89		317	316	315	315	314	314	312	312	310	308	307-1
LGJ-150/25	17.10			314	314	313	312	312	310	310	308	306	305
LGJ-150/20	16.77				313	312	312	311	310	310	308	306	305
LGJ-95/55	16.00					312	311	311	309	309	307	305	304
LGJ-120/25	15.74						311	310	309	309	307	305	304
LGJ-120/20	15.07							310	308	308	306	304	303
LGJ-95/20	13.87								212	212	210	208	207
LGJ-70/40	13.60									212	210	208	206
LGJ-70/10	11.40										207	206	204
LGJ-50/8	9.60											204	107
LGJ-35/6	8.16												106

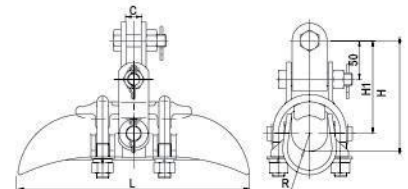
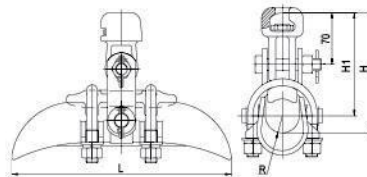
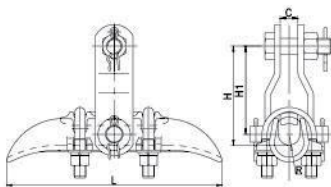
Gulifa clamp and earthing clamp



Main Conductor Specification	Dia. (mm)	Branch Line (Overhead Insulated Cable)										Earthing Clamp
		JKLY-300	JKLY-240	JKLY-185	JKLY-150	JKLY-120	JKLY-95	JKLY-70	JKLY-50	JKLY-35		
JKLY-300	20.4	GLF-662	GLF-661	GLF-661	GLF-661	GLF-552	GLF-552	GLF-552				GLFD-552
JKLY-240	18.4		GLF-442	GLF-442	GLF-441	GLF-441	GLF-441	GLF-342	GLF-341	GLF-341	GLF-341	GLFD-441
JKLY-185	16.2			GLF-441	GLF-441	GLF-342	GLF-342	GLF-241	GLF-341	GLF-341	GLF-232	GLFD-342
JKLY-150	14.6				GLF-234	GLF-234	GLF-233	GLF-233	GLF-232	GLF-232	GLF-232	GLFD-233
JKLY-120	13.0					GLF-233	GLF-233	GLF-232	GLF-232	GLF-232	GLF-124	GLFD-233
JKLY-95	11.6						GLF-124	GLF-124	GLF-124	GLF-124	GLF-123	GLFD-124
JKLY-70	10.0							GLF-124	GLF-123	GLF-123	GLF-112	GLFD-124
JKLY-50	8.3								GLF-112	GLF-112	GLF-112	GLFD-124
JKLY-35	7.0									GLF-111	GLF-111	GLFD-123
LJ-240	20.00		GLF-661	GLF-661	GLF-552	GLF-552	GLF-552	GLF-551	GLF-551			GLFD-552
LJ-185	17.50			GLF-441	GLF-441	GLF-342	GLF-342	GLF-341	GLF-341			GLFD-342
LJ-150	15.75				GLF-234	GLF-234	GLF-234	GLF-233	GLF-233			GLFD-234
LJ-120	14.25					GLF-234	GLF-233	GLF-233	GLF-232			GLFD-233
LJ-95	12.12						GLF-232	GLF-124	GLF-124			GLFD-232
LJ-70	10.80							GLF-124	GLF-123	GLF-112	GLF-112	GLFD-124
LJ-50	9.00								GLF-112	GLF-111	GLF-111	GLFD-124
LJ-35	7.50									GLF-111	GLF-111	GLFD-123
LGJ-240/30 ~ 40	21.66		GLF-662	GLF-661	GLF-661	GLF-552	GLF-552	GLF-552	GLF-551			GLFD-552
LGJ-185/25 ~ 30	18.88		GLF-661	GLF-442	GLF-442	GLF-441	GLF-441	GLF-342	GLF-341			GLFD-342
LGJ-150/20 ~ 25	16.77			GLF-441	GLF-441	GLF-441	GLF-342	GLF-341	GLF-341			GLFD-234
LGJ-120/20 ~ 25	15.07				GLF-234	GLF-234	GLF-234	GLF-233	GLF-233	GLF-233	GLF-233	GLFD-233
LGJ-95/15 ~ 20	13.87					GLF-234	GLF-233	GLF-232	GLF-232			GLFD-232
LGJ-70/10	11.40							GLF-124	GLF-124			GLFD-124
LGJ-50/8	9.60								GLF-112			GLFD-124
Main Conductor Specification	Dia. (mm)	Branch Line (AAC)										
		LJ-240	LJ-185	LJ-150	LJ-120	LJ-95	LJ-70	LJ-50	LJ-35	LJ-25	LJ-16	
LJ-240	20.00	GLF-662	GLF-661	GLF-661	GLF-552	GLF-552	GLF-551	GLF-551	GLF-551			
LJ-185	17.50		GLF-442	GLF-441	GLF-441	GLF-342	GLF-342	GLF-341	GLF-341	GLF-341		
LJ-150	15.75			GLF-441	GLF-234	GLF-234	GLF-233	GLF-233	GLF-232	GLF-231	GLF-231	
LJ-120	14.25				GLF-234	GLF-233	GLF-233	GLF-232	GLF-232	GLF-231	GLF-231	
LJ-95	12.12					GLF-233	GLF-124	GLF-124	GLF-124	GLF-123	GLF-123	
LJ-70	10.80						GLF-124	GLF-123	GLF-123	GLF-123	GLF-123	GLF-112
LJ-50	9.00							GLF-112	GLF-112	GLF-111	GLF-111	
LJ-35	7.50								GLF-112	GLF-111	GLF-111	
LGJ-240/30 ~ 40	21.66	GLF-662	GLF-661	GLF-661	GLF-661	GLF-552	GLF-552	GLF-551	GLF-551			
LGJ-185/25 ~ 30	18.88		GLF-661	GLF-442	GLF-441	GLF-441	GLF-342	GLF-341	GLF-341			
LGJ-150/20 ~ 25	16.77			GLF-441	GLF-441	GLF-342	GLF-342	GLF-341	GLF-341			
LGJ-120/20 ~ 25	15.07			GLF-441	GLF-234	GLF-234	GLF-233	GLF-233	GLF-232			
LGJ-95/15 ~ 20	13.87					GLF-233	GLF-233	GLF-232	GLF-232			
LGJ-70/10	11.40						GLF-124	GLF-124	GLF-123			
LGJ-50/8	9.60							GLF-123	GLF-112			
LGJ-35/6	8.16								GLF-112			
Main Conductor Specification	Dia. (mm)	Branch Line (ACSR)										
		LGJ-400/20 - 35	LGJ-300/40 - 15	LGJ-240/30 - 40	LGJ-185/25 - 30	LGJ-150/20 - 25	LGJ-120/20 - 25	LGJ-95/15 - 20	LGJ-70/10	LGJ-50/8	LGJ-35/6	
LGJ-400/20 - 35	26.82	GLF-883	GLF-882	GLF-882	GLF-772	GLF-772						
LGJ-300/40 - 50	24.26		GLF-881	GLF-881	GLF-772	GLF-771						
LGJ-300/15 - 25	23.76		GLF-881	GLF-881	GLF-771	GLF-771						
LGJ-240/30 ~ 40	21.66			GLF-662	GLF-662	GLF-661	GLF-661	GLF-661	GLF-552	GLF-552	GLF-551	
LGJ-185/25 ~ 30	18.88				GLF-661	GLF-442	GLF-442	GLF-441	GLF-342	GLF-342	GLF-341	
LGJ-150/20 ~ 25	16.77					GLF-442	GLF-441	GLF-441	GLF-342	GLF-341	GLF-341	
LGJ-120/20 ~ 25	15.07						GLF-441	GLF-441	GLF-234	GLF-233	GLF-232	
LGJ-95/15 ~ 20	13.87							GLF-234	GLF-233	GLF-232	GLF-232	
LGJ-70/10	11.40								GLF-124	GLF-124	GLF-124	
LGJ-50/8	9.60									GLF-123	GLF-112	
LGJ-35/6	8.16										GLF-112	

Insulating Fitting

Suspension Clamps (Trunnion Type)



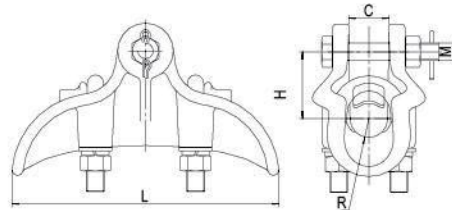
XGU(Trunnion type)

XGU-A(With sockets-clevis)

XGU-B(With U-clevis)

Catalog No.	Conductor Dia. (mm)	Dimensions(mm)					Rated Failure Load (kN)	Weight (kg)
		H	H ₁	L	R	C		
XGU-1	5.0 ~ 7.0	82	70	180	4.0	18	40	1.4
XGU-2	7.1 ~ 13.0	82	70	200	7.0	22	40	1.5
XGU-3	13.1 ~ 21.0	102	90	220	11.0	18	40	2.0
XGU-4	21.1 ~ 26.0	110	90	250	13.5	18	40	3.0
XGU-5A	23.0 ~ 33.0	157	140	300	17		70	5.7
XGU-5B	23.0 ~ 33.0	137	120	300	17	20	70	5.4
XGU-6A	34.0 ~ 45.0	163	1140	300	23		70	6.1
XGU-6B	34.0 ~ 45.0	143	120	300	23	20	70	5.8
XGU-7B	45.0 ~ 48.7	156	130	300	26	20	70	6.2

Aluminium Alloy Suspension Clamps(Envelope Type)



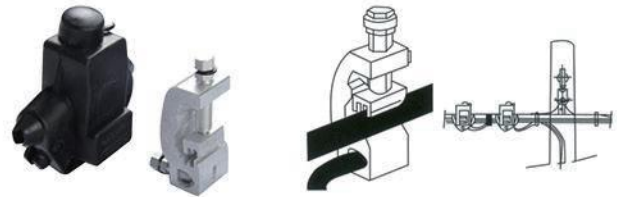
Catalog No.	Conductor Dia. (mm)	Dimensions(mm)			Rated Failure Load (kN)	Weight (kg)
		R	C	M		
CGH-2	φ 5.0 ~ 12.4	9	19	16	40	1.1
CGH-3	φ 12.4 ~ 20.0	11	22	16	40	1.4
CGH-4	φ 20.0 ~ 26.0	13	28	16	40	1.9
CGH-5	φ 26.0 ~ 34.0	17	36	16	70	2.5
CGH-6	φ 34.0 ~ 40.0	21	45	16	70	2.8
CGH-7	φ 40.0 ~ 46.0	23	48	16	70	3.2

Insulated Fasten Clamp

Material: High strength aluminium alloy, anti-UV plastic

A broad usage in the low voltage insulation lines, leading the branch connection to the main conductor. T-connection of low voltage insulation wire service and cable branch connection for building distribution system. The material for the inside body is high strength aluminum alloy, and the insulation cover is used(PVC). The connectors with specially designed contact teeth, are suitable for the connection of aluminum. Put the main conductor and branch conductor parallel into the teeth grooves of the clamp, tighten the bolts, pierce the insulation of two conductors to make the conductors connect.

The insulation cover of functions as waterproof and sealing perfectly. At the breaking force of the conductor, the connector will not be distorted and broken, At the rated current and short circuit, rising temperature of the connector should be less than the connecting conductor.



Type	Main Conductor(mm ²)	Tap Conductor(mm ²)
PT 1 25/25	16-25	4-25
PT 1 70/25	35-70	6-25
PT 2 70/70	35-70	35-70
PT 1 95/50	35-95	4-50
PT 1 150/50	30-150	4-50
PT 2 150/50	70-150	4-50

Anchor bracket



Material: High strength aluminium alloy by casting

Product property: Anchoring ABC cables with neutral messenger on poles(wood, concrete etc.....), Excellent in industrial and saline environment, Fixed by 2x(14mm or 16mm) bolts or 2 stainless straps 0.75x 20mm. It is in accordance with NFC 33-040.

Anchor hook



The universal hook is used with bands in pole installations and with screws in wall installations. The hook is delivered without screws.

Suspension Clamp



GSC-1(16-95)



GSC-2(16-95)



GSC-3(16-95)



GSC-4(16-95)



GSC-5(16-95)



GSC-6(16-95)



GSC-7(4X10-35)



GSC-8(4X50-95)



GSC-9(4X120-150)

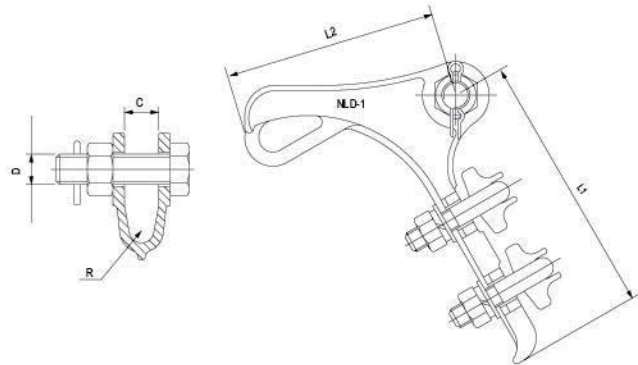


GSC-10(4X25-120)

Strain Clamp & Anchor Clamp

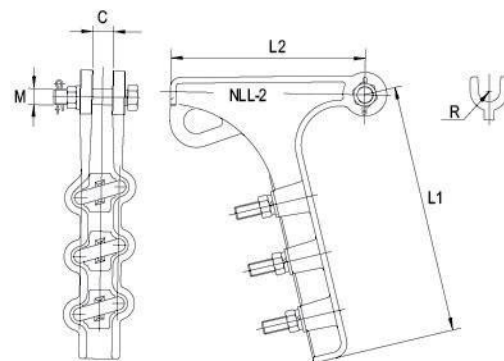
Strain Clamp

Strain Clamps (Bolt Type)



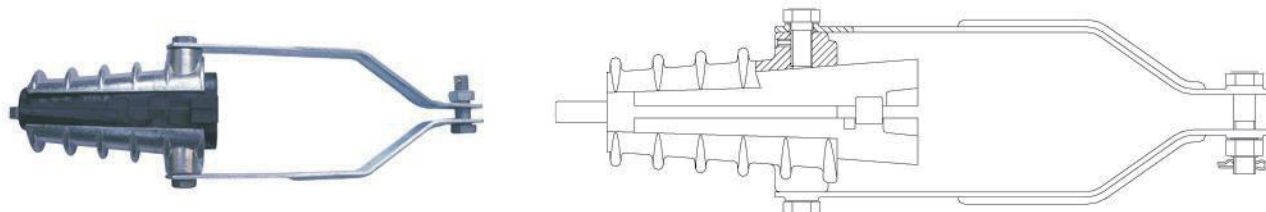
Catalog No.	Conductor Dia.(mm)	Dimensions(mm)					U Bolt		Rated Failure Load (kN)	Weight (kg)
		L ₁	L ₂	R	C	M	Qty(pc)	Dia(mm)		
NLD-1	φ 5.0 ~ 10	150	120	6.5	18	16	2	12	20	1.3
NLD-2	φ 10.1 ~ 14	205	130	8.0	18	16	3	12	40	2.1
NLD-3	φ 14.1 ~ 18	310	160	11.0	22	18	4	16	70	4.6
NLD-4	φ 18.1 ~ 23	410	220	12.5	25	18	4	16	90	7.0

Strain Clamps (Bolt Type)



Catalog No.	Conductor Dia.(mm)	Dimensions(mm)			U Bolt		Rated Failure Load (kN)	Weight (kg)
		R	C	M	Qty(pc)	Dia(mm)		
NLL-1	φ 5.0 ~ 15.5	8.0	19	16	2	M12	40	0.85
NLL-2	φ 8.2 ~ 17.0	9.0	22	16	3	M12	70	1.5
NLL-3	φ 11.4 ~ 20.0	10.0	24	16	4	M14	70	2.74
NLL-4	φ 13.6 ~ 25.0	12.5	30	18	4	M16	100	3.96
NLL-5	φ 16.0 ~ 32.0	16.0	36	22	5	M16	120	5.65
NLL-6	φ 28.5 ~ 46.5	23.5	50	24	6	M16	120	9.0

Strain Clamps For Insulated Cable



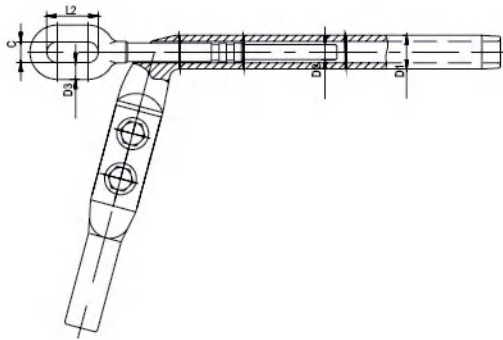
Pull Plate	Screw Type	Suitable Conductor Dia. Range	Suitable Conductor Nominal Cross-Section(mm ²)		Rated Failure Load (kN)
			JKLYJ-1	JKLYJ-10	
NEJ-101	NEJ2-101	φ 7 ~ φ 9.5	16 ~ 25	/	≥14.5
NEJ-102	NEJ2-102	φ 9 ~ φ 11.5	35 ~ 50	/	
NEJ-103	NEJ2-103	φ 11 ~ φ 13.5	70	16	
NEJ-104	NEJ2-104	φ 13 ~ φ 15.5	/	25~35	
NEJ-205	NEJ2-205	φ 15 ~ φ 17.5	95 ~ 120	50	≥22
NEJ-206	NEJ2-206	φ 17 ~ φ 19.6	150	70	
NEJ-307	NEJ2-307	φ 19 ~ φ 21.5	185	95~120	≥28
NEJ-308	NEJ2-308	φ 21 ~ φ 23.5	/	150	
NEJ-408	NEJ2-408		240		
NEJ-409	NEJ2-409	φ 23 ~ φ 25.5	/	185	≥36.5
NEJ-410	NEJ2-410	φ 25 ~ φ 27.5	/	240	
NEJ-511	/	φ 28 ~ φ 30	/	300	≥45
NEJ-512	/	φ 31 ~ φ 33	/	/	



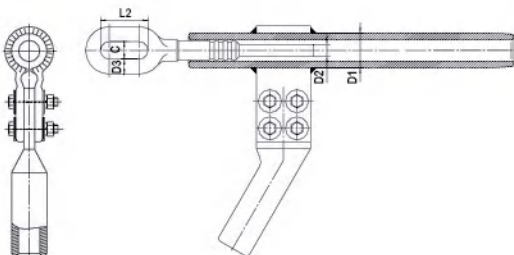
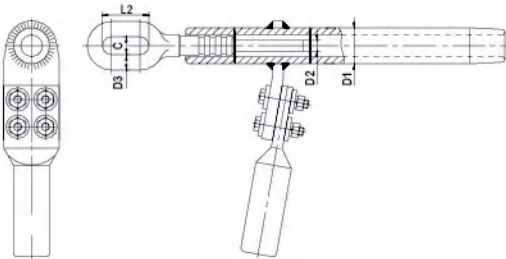
Catalog No.	Conductor Dia. (mm)	20kV Overhead Insulated Cable	
		Cross-section(mm ²)	Cable Outer Dia. (mm)
NEJ ₂₀ -307	φ 19 ~ φ 21.5	35	φ 20.0
NEJ ₂₀ -408	φ 21 ~ φ 23.5	50	φ 21.3
NEJ ₂₀ -409	φ 23 ~ φ 25.5	70	φ 23
		95	φ 24.5
NEJ ₂₀ -410	φ 25 ~ φ 27.5	120	φ 25.9
		150	φ 27.4
NEJ ₂₀ -511	φ 28 ~ φ 30	185	φ 29.2
NEJ ₂₀ -512	φ 31 ~ φ 33	240	φ 31.5
		300	φ 33

Strain Clamp

Strain Calmps (Hydraulic Compression Type)



Catalog No.	Suitable Conductor	Dimensions(mm)					Slip Strength (≥kN)
		D ₁	D ₂	D ₃	C	L ₂	
NY-95/15.1	LGJ-95/15	26	14	16	20	55	33.5
NY-95/20.1	LGJ-95/20	26	14	16	20	55	35.5
NY-120/20.1	LGJ-120/20	30	14	16	20	55	39.0
NY-120/50.1	LGJ-120/50	30	14	16	20	55	45.5
NY-150/20.1	LGJ-150/20	30	14	16	22	65	44.0
NY-150/25.1	LGJ-150/25	30	14	16	22	65	51.5
NY-150/35.1	LGJ-150/35	30	16	16	22	65	62.0
NY-185/25.1	LGJ-185/25	32	14	16	22	65	56.5
NY-185/30.1	LGJ-185/30	32	16	16	22	65	61.5
NY-185/45.1	LGJ-185/45	34	18	18	24	70	76.5
NY-240/30.1	LGJ-240/30	36	16	18	24	70	72.0
NY-240/40.1	LGJ-240/40	36	16	18	24	70	79.0
NY-240/55.1	LGJ-240/55	36	20	20	26	78	97.0
NY-300/15.1	LGJ-300/15	40	14	16	22	65	65.0
NY-300/20.1	LGJ-300/20	40	14	18	24	70	72.0
NY-300/25.1	LGJ-300/25	40	14	18	24	70	79.5
NY-300/40.1	LGJ-300/40	40	16	18	24	70	88.0
NY-300/50.1	LGJ-300/50	40	18	18	24	70	98.5
NY-300/70.1	LGJ-300/70	42	22	20	26	78	122.0
NY-400/20.1	LGJ-400/20	45	14	18	24	70	84.5
NY-400/25.1	LGJ-400/25	45	14	18	24	70	91.0
NY-400/35.1	LGJ-400/35	45	16	20	26	78	99.0
NY-400/50.1	LGJ-400/50	45	20	20	26	78	117.0
NY-400/65.1	LGJ-400/65	48	22	22	26	78	128.5
NY-400/95.1	LGJ-400/95	48	26	24	30	80	163.0



Catalog No.	Suitable Conductor	Dimensions(mm)					Slip Strength (≥kN)
		D1	D2	D3	C	L2	
NY-500/35.1	LGJ-500/35	52	16	22	26	78	114.0
NY-500/45.1	LGJ-500/45	52	18	22	26	78	122.0
NY-500/65.1	LGJ-500/65	52	22	22	26	78	146.5
NY-630/45.1	LGJ-630/45	60	18	22	26	78	141.5
NY-630/55.1	LGJ-630/55	60	20	24	30	80	156.5
NY-630/80.1	LGJ-630/80	60	24	24	30	80	183.5
NY-720/50.1	LGJ-720/50	60	20	24	30	80	163.0
NY-720/65.1	LGJ-720/65	60	22	24	30	80	176.0
NY-800/55.1	LGJ-800/55	65	20	24	30	80	183.0
NY-800/70.1	LGJ-800/70	65	22	26	34	90	197.0
NY-800/100.1	LGJ-800/100	65	26	26	34	90	229.0

Anchor Clamp



GPA25 C(2*16-4*25)



GPA4/25(4*25)



GPA2-25(2*25)



GPA25(2*16-4*25)



GAC-2(16-25)



PA1500(50-95)



PA2000(95-120)



GAC-3(2*16-4*25)



GAC-4(16-35)



GAC-1(16-25)



JBG-1(25-70)



GAC-6(16-25)



GPA-1000(25-35)



GPA-2000(70-95)



GAC-5(16-25)



GAC-7(4*10-35)



GAC-8(2*10-35)



GAC-9(4*10-35)



GNZD-1(15-47)



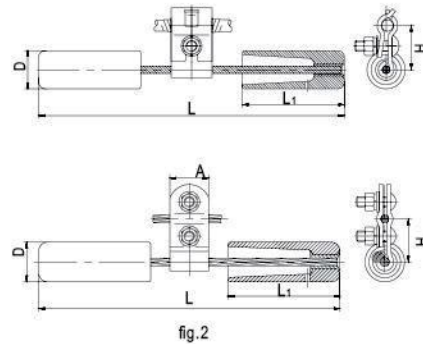
GNZD-2(15-47)



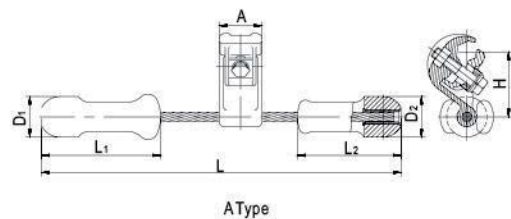
GNZD-3(15-47)



GNZD-4(15-47)

Dampers(Type FD、FG)


Catalog No.	Conductor Section Area(mm ²)		Fig. No.	Dimensions(mm)					Steel Wire Specification	Weight (kg)
	Steel Wire	AAC, ACSR		D	A	H	L ₁	L		
FD-1	/	35 ~ 50	Fig.2	40	40	40	95	300	7/2.6	1.5
FD-2	/	70 ~ 95	Fig.1	46	45	55	130	370	7/3.0	2.4
FD-3	/	120 ~ 150	Fig.1	56	60	65	150	450	19/2.2	4.5
FD-4	/	185 ~ 240	Fig.1	62	60	70	175	500	19/2.2	5.6
FD-5	/	300 ~ 500	Fig.1	67	70	70	200	550	19/2.6	7.2
FD-6	/	500 ~ 630	Fig.1	70	70	75	200	550	19/2.6	8.6
FG-35	35	/	Fig.2	42	45	50	100	300	7/3.0	1.8
FG-50	50	/	Fig.2	46	45	50	130	350	7/3.0	2.4
FG-70	70	/	Fig.1	56	50	60	150	400	19/2.2	4.2
FG-100	100	/	Fig.1	62	60	65	175	500	19/2.2	5.9

Dampers(Type FR)


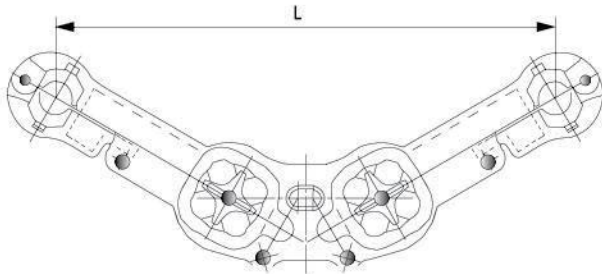
Catalog No.	Conductor Dia. (mm)	Dimensions(mm)							Weight (kg)
		D ₁	D ₂	A	H	L ₁	L ₂	L	
FR-1	7.0 ~ 12.0	48	48	50	81	138	118	429	2.54
FR-2	11.0 ~ 20.0	48	48	50	81	138	118	429	2.61
FR-3	18.0 ~ 28.0	57	57	60	91	167	146	505	5.00
FR-4	23.0 ~ 36.0	64	64	60	97	218	163	550	6.00
FR-5	33.0 ~ 38.0	64	64	70	127	218	163	550	7.90
FR-6	36.0 ~ 40.0	74	74	70	127	325	325	650	11.00

The body and keepers are made of aluminum alloy, counter weight is made of grey iron hot-dip galvanized, other parts are made of hot-dip galvanized steel.

FJZ type spacer-damper for Double conductors

Applicable for assembling the suspension insulator to string, and it is also used in connecting one or several strings insulator and then suspending on the pole arm of perch. the connection of suspension clamp and dead end clamp, the connection between stay wire and perch.

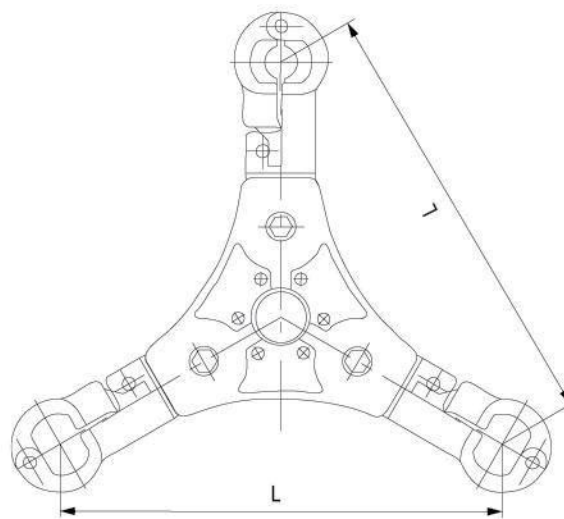
- 1.The body keeper and bracket are made of aluminum alloy,
- 2.The damper are made of elastomer(DEMP),
- 3.Other parts are made of hot dip galvanized steel.



Type	Suitable conductor	Clamp groove R	Conductor distance	Weight (kg)
FJZ-240/19	LGJ-300/20~50	9.6	400	3.6
FJZ-240/21	LGJ-300/70	10.6	400	3.6
FJZ-240/23	LGJ-400/20~35	11.4	400	3.6
FJZ-240/24	LGJ-400/50	12	400	3.6
FJZ-240/25	LGJ-400/90	12.6	400	3.6
FJZ-245/19	LGJ-300/20~50	9.6	450	3.96
FJZ-245/21	LGJ-300/70	10.6	450	3.96

Type	Suitable conductor	Clamp groove R	Conductor distance	Weight (kg)
FJZ-245/23	LGJ-400/20~35	11.4	450	3.96
FJZ-245/24	LGJ-400/50	12	450	3.96
FJZ-245/25	LGJ-400/90	12.6	450	3.96
FJZ-250/30	LGJ-500/35~65	13.5	500	4.5
FJZ-250/33	LGJ-600/45	15.2	500	4.5
FJZ-250/36	LGJ-720/50	17.8	500	4.5

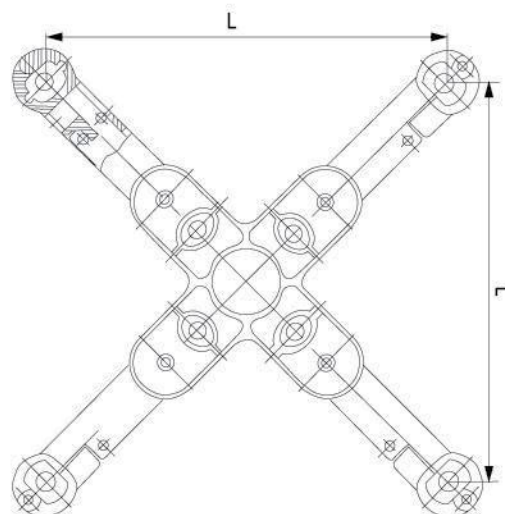
Spacer-damper for three-bundle conductors



Type	Suitable conductor	Main dimensions(mm) L	Weight (kg)
FJZ3-35/185	LGJ-185/25,30,45	350	3.5
FJZ3-35/210	LGJ-210/25,35,50	350	3.5
FJZ3-35/240	LGJ-240/30,40,55	350	3.5



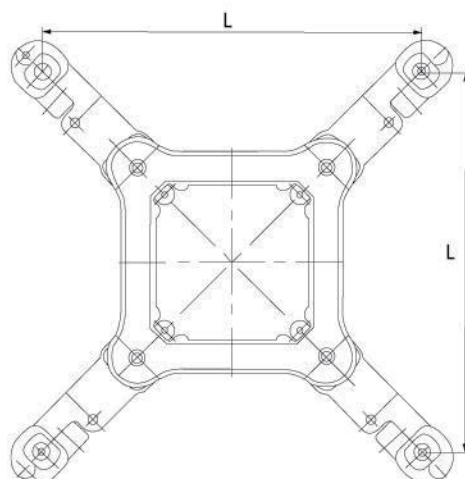
Cross type spacer-damper



Catalog No.	Suitable conductor	Dimensions(mm)	Weight (kg)
		L	
FJZS4-45/19	LGJ-300/20~50	450	7.3
FJZS4-45/21	LGJ-300/70	450	7.3
FJZS4-45/23	LGJ-400/20~35	450	7.3
FJZS4-45/24	LGJ-400/50	450	7.3

Catalog No.	Suitable conductor	Dimensions(mm)	Weight (kg)
		L	
FJZS4-45/25	LGJ-400/90	450	7.3
FJZS4-45/30	LGJ-500/35~65	450	7.3
FJZS4-45/33	LGJ-600/45	450	7.3

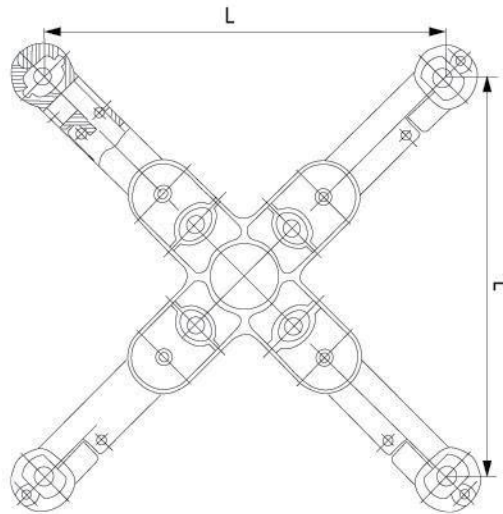
Square Frame type spacer-damper



Catalog No.	Suitable conductor	Dimensions(mm)	Weight (kg)
		L	
FJZ4-45F/19	LGJ-300/20~50	450	7.3
FJZ4-45F/21	LGJ-300/70	450	7.3
FJZ4-45F/23	LGJ-400/20~35	450	7.3
FJZ4-45F/24	LGJ-400/50	450	7.3
FJZ4-45F/25	LGJ-400/90	450	7.3

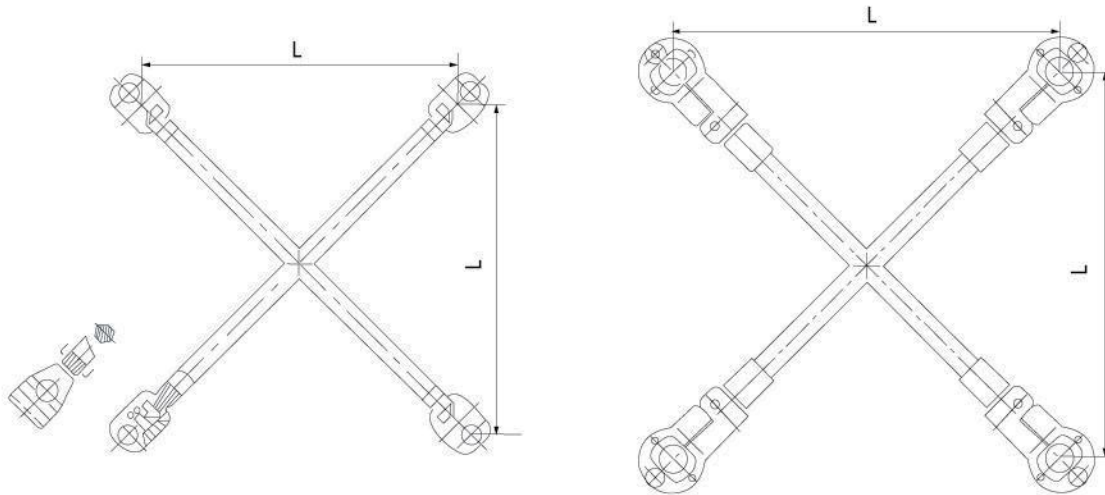
Catalog No.	Suitable conductor	Dimensions(mm)	Weight (kg)
		L	
FJZ4-45F/30	LGJ-500/35~65	450	7.3
FJZ4-45F/33	LGJ-600/45	450	7.3
FJZ4-50F/30	LGJ-500/35~65	500	8.3
FJZ4-50F/33	LGJ-600/45	500	7.3
FJZ4-50F/36	LGJ-720/50	500	10.4

Cross type spacer-damper



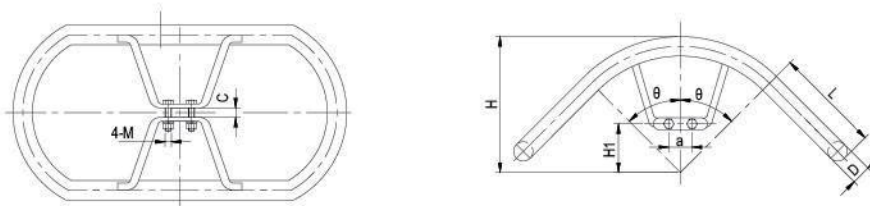
Catalog No.	Suitable conductor	Dimensions(mm)	Weight (kg)
		L	
FJZS4-45/19	LGJ-300/20-50	450	7.3
FJZS4-45/21	LGJ-300/70	450	7.3
FJZS4-45/23	LGJ-400/20-35	450	7.3
FJZS4-45/24	LGJ-400/50	450	7.3

Catalog No.	Suitable conductor	Dimensions(mm)	Weight (kg)
		L	
FJZS4-45/25	LGJ-400/90	450	7.3
FJZS4-45/30	LGJ-500/35-65	450	7.3
FJZS4-45/33	LGJ-600/45	450	7.3

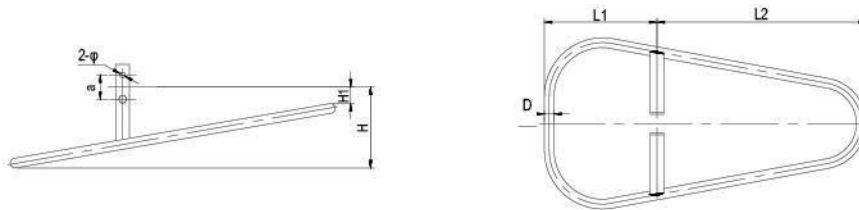


Catalog No.	Suitable conductor O.D.(mm)	Dimensions(mm)	Weight (kg)
		L	
JT4-45/300	23.0-24.5	450	4.5
JT4-45/400	26.0-28.0	450	4.5
JT4-45/500	36.4	500	5
JTGF4-45/300	23.0-24.5	450	4.7
JTGF4-45/400	26.0-28.0	450	4.7

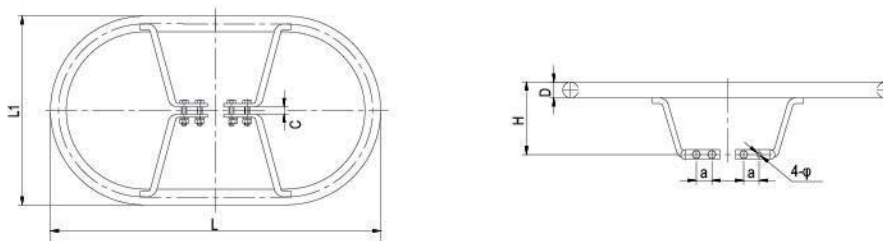
Grading & Shielding Rings



Catalog No.	Dimensions(mm)									Weight (kg)
	L	H	H ₁	D	M	C	a	θ		
FJP-500XV-95	300	557	164	60	16	20	80	47.5°	6.80	
LJ2-500XV-55	300	548	78	60	16	24	80	55°	7.60	
LJ2-500XV-54	400	532	108	60	16	27	80	54°	8.20	
LJ2-500XV-50	300	577	109	60	16	24	80	50°	8.00	
LJ2-500XV-45	300	608	145	60	16	24	80	45°	7.20	



Catalog No.	Dimensions(mm)									Weight (kg)
	L ₁	L ₂	H	H ₁	a	D	φ	C		
JP-300-N	352	652	392	120	80	32	18	24	5.2	
J-330N	320	702	176	136	80	32	18	24	5	
JP-330-NL	270	650	392	120	80	32	18	24	2.5	

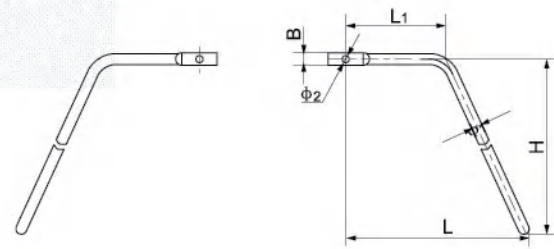
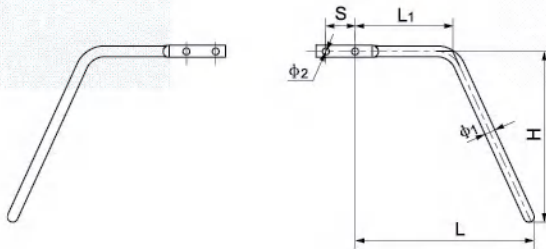


Catalog No.	Dimensions(mm)								Weight (kg)
	L	L ₁	H	D	φ	C	a		
JL-500XS	1050	600	230	50	18	24	60	6.20	
LJ2-500XS	1050	600	230	50	18	22	60	6.20	
FJ-500XS/GH	1050	600	230	60	14	22	60	14.30	
FJ-500XS/GHE	1150	600	270	60	18	24	60	6.80	
FJP-500XSL	1200	600	230	50	18	20	60	7.30	
FJ-500XSL1	1200	600	230	50	18	22	60	7.30	
FJ-500XSL2	1280	680	260	50	18	28	60	7.80	
FJ-500XSL3	1280	680	285	50	18	24	60	8.00	
LJ2-500XS/G	1150	600	230	60	18	24	60	6.80	

Arcing Horn

110kV

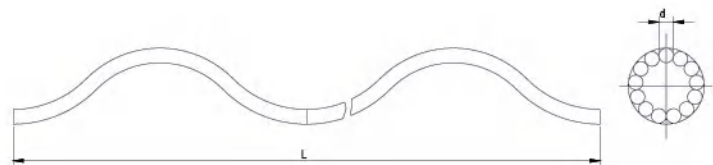
220kV



Catalog No.	Dimensions(mm)						Weight (kg)
	L	L ₁	H	ϕ_1	ϕ_2	S	
AH/ST-110D	259	140	143	18	14	40	1.1
AH/ST-110X	259	-	163	18	14	40	1.2

Catalog No.	Dimensions(mm)						Weight (kg)
	L	L ₁	H	ϕ_1	ϕ_2	B	
ZH-220T	246	180	800	22	12.5	29	1.8
ZH-220SS1	246	180	384	22	12.5	29	1.6
ZH-1-220-15	367	180	115	22	12.5	30	1.3

Preformed Armor Rod (FYH Type)



Material: Aluminum Alloy

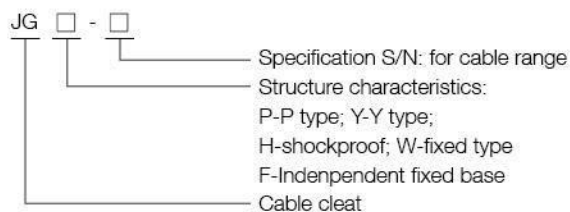
Catalog No.	Apply to wire	Dimensions(mm)		A Group	Weight (kg)
		D	L		
FYH-95/15	LGJ-95/15	3.71	1400	13	0.55
FYH-95/20	LGJ-95/20	3.71	1400	13	0.55
FYH-95/55	LGJ-95/55	3.71	1500	16	0.73
FYH-120/7	LGJ-120/7	3.71	1400	14	0.59
FYH-120/20	LGJ-120/20	3.71	1400	14	0.59
FYH-120/25	LGJ-120/25	3.71	1400	14	0.59
FYH-120/70	LGJ-120/70	4.62	1800	14	1.18
FYH-150/8	LGJ-150/8	3.71	1500	16	0.73
FYH-150/20	LGJ-150/20	3.71	1500	16	0.73
FYH-150/25	LGJ-150/25	3.71	1500	16	0.73
FYH-150/35	LGJ-150/35	3.71	1500	16	0.73
FYH-185/10	LGJ-185/10	4.62	1800	14	1.18
FYH-185/25	LGJ-185/25	4.62	1800	14	1.18
FYH-185/30	LGJ-185/30	4.62	1800	14	1.18
FYH-185/45	LGJ-185/45	4.62	1800	14	1.20
FYH-210/10	LGJ-210/10	4.62	1800	14	1.18
FYH-210/25	LGJ-210/25	4.62	1800	14	1.18
FYH-210/35	LGJ-210/35	4.62	1800	14	1.20
FYH-210/50	LGJ-210/50	4.62	1800	14	1.20
FYH-240/30	LGJ-240/30	4.62	1900	16	1.44
FYH-240/40	LGJ-240/40	4.62	1900	16	1.44
FYH-240/55	LGJ-240/55	4.62	1900	16	1.44

Catalog No.	Apply to wire	Dimensions(mm)		A Group	Weight (kg)
		D	L		
FYH-300/15	LGJ-300/15	6.35	2000	13	2.31
FYH-300/20	LGJ-300/20	6.35	2000	13	2.31
FYH-300/25	LGJ-300/25	6.35	2000	13	2.31
FYH-300/40	LGJ-300/40	6.35	2000	13	2.31
FYH-300/50	LGJ-300/50	6.35	2000	13	2.31
FYH-300/70	LGJ-300/70	6.35	2000	13	2.31
FYH-400/20	LGJ-400/20	6.35	2200	14	2.74
FYH-400/25	LGJ-400/25	6.35	2200	14	2.74
FYH-400/35	LGJ-400/35	6.35	2200	14	2.74
FYH-400/50	LGJ-400/50	6.35	2200	14	2.74
FYH-400/65	LGJ-400/65	6.35	2200	14	2.74
FYH-400/95	LGJ-400/95	6.35	2200	14	2.75
FYH-500/35	LGJ-500/35	6.35	2500	16	3.56
FYH-500/45	LGJ-500/45	6.35	2500	16	3.56
FYH-500/65	LGJ-500/65	6.35	2500	16	3.56
FYH-630/45	LGJ-630/45	7.87	2500	15	5.12
FYH-630/55	LGJ-630/55	7.87	2500	15	5.12
FYH-630/80	LGJ-630/80	7.87	2500	15	5.12
FYH-720/50	LGJ-720/50	7.87	2500	15	5.12
FYH-800/55	LGJ-800/55	7.87	2500	17	5.80
FYH-800/70	LGJ-800/70	7.87	2500	17	5.80
FYH-800/100	LGJ-800/100	7.87	2500	17	5.80

Cable Cleat

The product is made of high strength anti-corrosion aluminum alloy, for fixing the location of cable, its clamping structures fastened with bolts, clip compact and reasonable structure, convenient and flexible installation, does not damage the cable. usually used in the installation of the exposed conductor, also about transmission and distribution lines.

Model Description



JGY-F



JGP

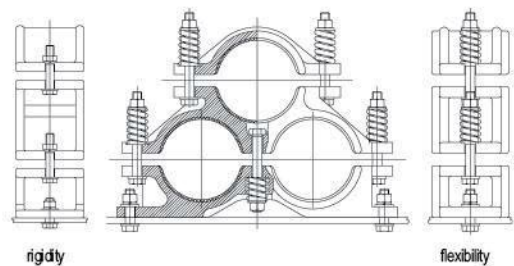
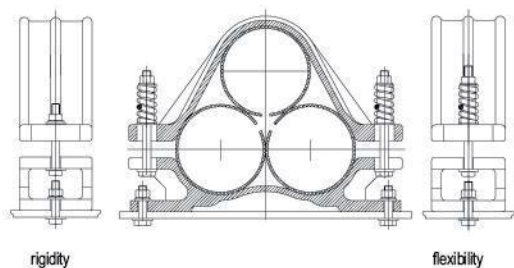
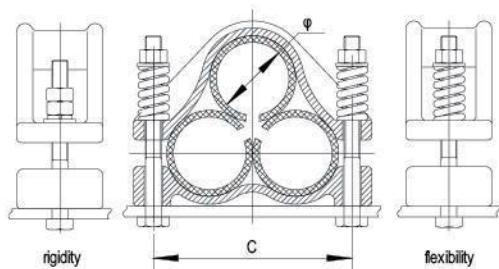


JGH



JGH-F

JGP type high voltage 3 core cable clamp



Technical parameter table

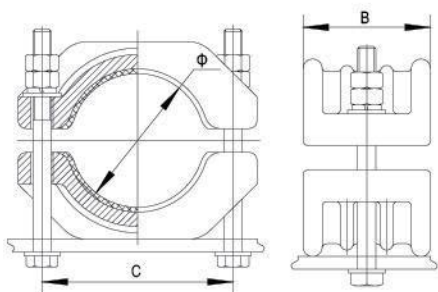
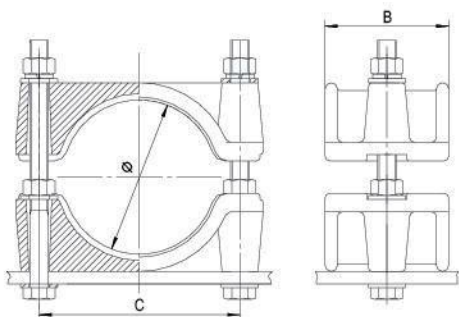
Rigidity	Flexibility	Suitable conductor range	φ	C	Bolt
JGP-1	JGPH-1	3 × φ 45- φ 55	55	150	2-M12
JGP-2	JGPH-2	3 × φ 55- φ 68	68	186	2-M12
JGP-3	JGPH-3	3 × φ 68- φ 80	80	224	2-M14
JGP-4	JGPH-4	3 × φ 80- φ 90	90	245	2-M12
JGP-5	JGPH-5	3 × φ 90- φ 100	100	280 ~ 300	2-M12
JGP-6	JGPH-6	3 × φ 100- φ 114	114	290	2-M16

Rigidity	Flexibility	Suitable conductor range
JGP-1F	JGPH-1F	3 × φ 75 ~ φ 84
JGP-2F	JGPH-2F	3 × φ 85 ~ φ 94
JGP-3F	JGPH-3F	3 × φ 95 ~ φ 104
JGP-4F	JGPH-4F	3 × φ 105 ~ φ 114
JGP-5F	JGPH-5F	3 × φ 115 ~ φ 124
JGP-6F	JGPH-6F	3 × φ 125 ~ φ 134
JGP-7F	JGPH-7F	3 × φ 135 ~ φ 146

Rigidity	Flexibility	Suitable conductor range
JGY-1F	JGYH-1F	3 × φ 75 ~ φ 84
JGY-2F	JGYH-2F	3 × φ 85 ~ φ 94
JGY-3F	JGYH-3F	3 × φ 95 ~ φ 104
JGY-4F	JGYH-4F	3 × φ 105 ~ φ 114
JGY-5F	JGYH-5F	3 × φ 115 ~ φ 124
JGY-6F	JGYH-6F	3 × φ 125 ~ φ 134
JGY-7F	JGYH-7F	3 × φ 135 ~ φ 146

Cable Cleat

High voltage one core cable clamp

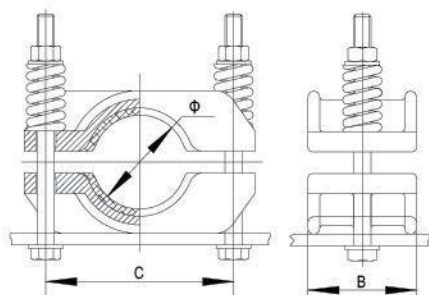


Technical parameter table

Type	Suitable conductor range	φ	C	Bolt	Note
JGF-70C100	φ 55 ~ 70	70	100	2-M12	Non-slip type high voltage cable cleat, unique non-slip hyperboloid groove design, compared with the traditional cable clamp, It have better Protection effect to the cable.
JGF-85C115	φ 70 ~ 85	85	115	2-M12	
JGF-100C130	φ 85 ~ 100	100	130	2-M12	
JGF-115C145	φ 100 ~ 115	115	145	2-M12	
JGF-130C160	φ 115 ~ 130	130	160	2-M12	
JGF-145C175	φ 130 ~ 145	145	175	2-M12	
JGF-160C190	φ 145 ~ 160	160	190	2-M12	
JGF-175C205	φ 160 ~ 175	175	205	2-M12	
JGF-190C220	φ 175 ~ 190	190	220	2-M12	

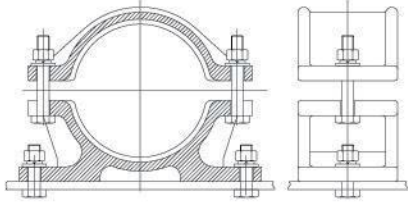
Type	Suitable conductor range	φ	C	B	Bolt	Note
JGW-0	φ 65 ~ 75	75	115	60	2-M12	High voltage one core Rigidity cable cleat
JGW-1	φ 75 ~ 84	84	120	80	2-M12	
JGW-2	φ 85 ~ 94	94	130	80	2-M12	
JGW-3	φ 95 ~ 104	104	140	80	2-M14	
JGW-4	φ 105 ~ 114	114	150	80	2-M14	
JGW-5	φ 115 ~ 124	124	160	90	2-M14	
JGW-6	φ 125 ~ 134	134	175	90	2-M16	
JGW-7	φ 135 ~ 150	146	190	90	2-M16	
JGW-8	φ 145 ~ 160	160	210	90	2-M12	

High voltage one core cable clamp

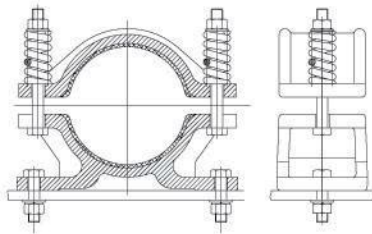


Technical parameter table

Type	Suitable conductor range	φ	C	B	Bolt	Note
JGH-01	φ 55 ~ 65	65	130	75	2-M12	High voltage one core flexibility cable cleat
JGH-0	φ 65 ~ 80	80	130	75	2-M12	
JGH-1	φ 80 ~ 100	100	150~165	80	2-M12	
JGH-2	φ 100 ~ 120	120	184~196	80	2-M12	
JGH-3	φ 120 ~ 136	136	190	80	2-M12	
JGH-4	φ 136 ~ 160	160	210	90	2-M12	

Cable Cleat


Note: High voltage one core rigidity cable cleat with base installation.

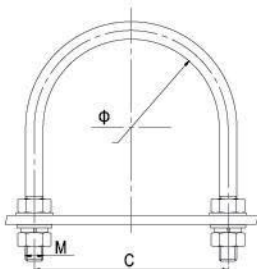
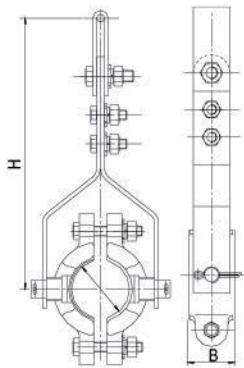


Note: High voltage one core flexible cable cleat with base installation.

Technical parameter table

Type	Suitable conductor range
JGW-1F	$\phi 75 \sim \phi 84$
JGW-2F	$\phi 85 \sim \phi 94$
JGW-3F	$\phi 95 \sim \phi 104$
JGW-4F	$\phi 105 \sim \phi 114$
JGW-5F	$\phi 115 \sim \phi 124$
JGW-6F	$\phi 125 \sim \phi 134$
JGW-7F	$\phi 135 \sim \phi 146$

Type	Suitable conductor range
JGH-1F	$\phi 75 \sim \phi 84$
JGH-2F	$\phi 85 \sim \phi 94$
JGH-3F	$\phi 95 \sim \phi 104$
JGH-4F	$\phi 105 \sim \phi 114$
JGH-5F	$\phi 115 \sim \phi 124$
JGH-6F	$\phi 125 \sim \phi 134$
JGH-7F	$\phi 135 \sim \phi 146$

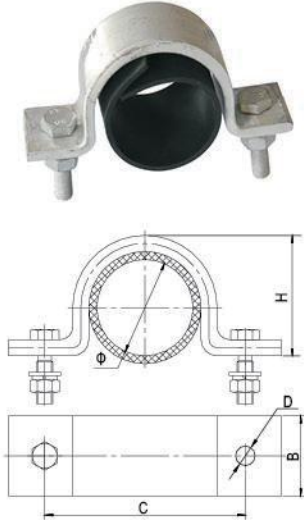
Suspension type high voltage cable cleat

Technical parameter table

Type	Suitable conductor range	ϕ	C	B
JGX-1	$\phi 50 - \phi 60$	60	280	50
JGX-2	$\phi 60 - \phi 70$	70	290	50
JGX-3	$\phi 70 - \phi 80$	80	306	60
JGX-4	$\phi 80 - \phi 90$	90	320	60
JGX-5	$\phi 90 - \phi 100$	100	336	60

Type	Suitable conductor range	C	M	ϕ
JGU-70	$\phi 60 - \phi 70$	80	10	70
JGU-80	$\phi 70 - \phi 80$	90	10	80
JGU-90	$\phi 80 - \phi 90$	100	10	90
JGU-100	$\phi 90 - \phi 100$	110	10	100

Suspension Type High Voltage Cable Cleat

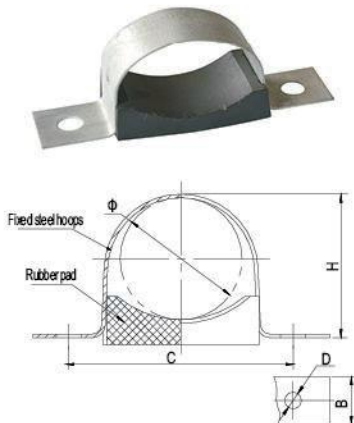
JGL Type Cable Fixing Clamp



This product is made of high strength aluminum alloy plate punched. used in cable fixed. its clamping structures fastened with bolts, clip compact and reasonable structure. convenient and flexible installation, does not damage the cable.

Type	Suitable conductor range	B	H	D	C
JGL-01	φ 25 ~ φ 35	40	40	12	80
JGL-0	φ 35 ~ φ 45	40	48	12	90
JGL-1	φ 45 ~ φ 60	40	60	12	102
JGL-2	φ 60 ~ φ 70	40	70	13	115
JGL-3	φ 70 ~ φ 80	40	80	13	125
JGL-4	φ 80 ~ φ 100	60	104	13	150

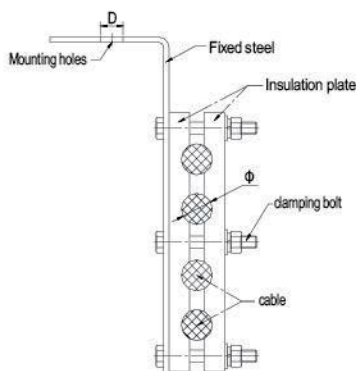
JGT Type Cable Fixing Clamp



This product is made of elastomer fixed steel hoop. used for medium and low voltage cable fixed, structure. low cost and is suitable for electrical cabinet cable in & out of the fixed.

Type	Suitable conductor range	B	H	D	C
JGT-1	φ 45 ~ 58	39	60	13	102
JGT-2	φ 58 ~ 72	40	70	13	115
JGT-3	φ 69 ~ 82	40	80	13	125
JGT-4	φ 80 ~ 95	40	94	13	138

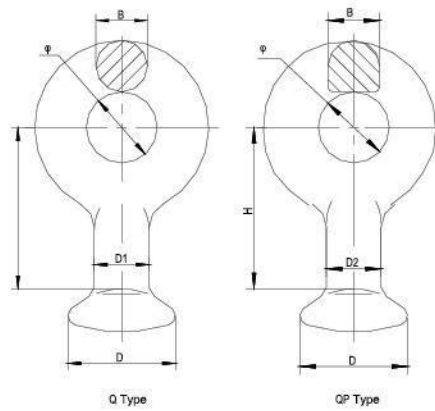
JGJ Type Four Core Cable Fixing Clamp



The product consists of insulated splint, clamping bolts and fixed steel, used in multi-core medium & low voltage fixed in place. clip compact and reasonable structure. convenient and flexible installation. does not damage the cable. Especially suitable for buildings, factories etc. cable-cable in the well fixed.

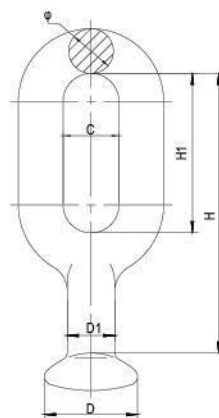
Type	Suitable conductor range	φ	D
JGJ-1	φ 20 ~ 30	30	102
JGJ-2	φ 30 ~ 40	40	115
JGJ-3	φ 40 ~ 50	50	125
JGJ-4	φ 50 ~ 60	60	138

Ball Eyes(Type Q、QP)



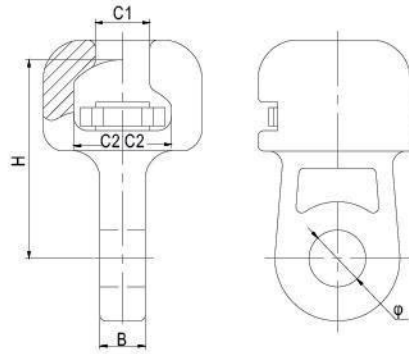
Catalog No.	Link Marking	Dimensions(mm)					Rated Failure Load (kN)
		B	D ₁	D	φ	H	
Q-7	16	16	17	33.3	22	50	70
QP-7	16	16	17	33.3	20	50	70
QP-10	16	16	17	33.3	20	50	100
QP-12	16	16	17	33.3	24	60	120
QP-16	20	18	21	41.0	26	60	160
QP-20	24	24	25	49.0	30	80	200
QP-21D	20	21	21	41.0	29	70	210
	20	20	21	41.0	26	80	210
	24	24	25	49.0	30	80	250
QP-30	24	28	25	49.0	39	80	300
	24	28	25	49.0	33	80	320

Ball Eyes(Type QH)

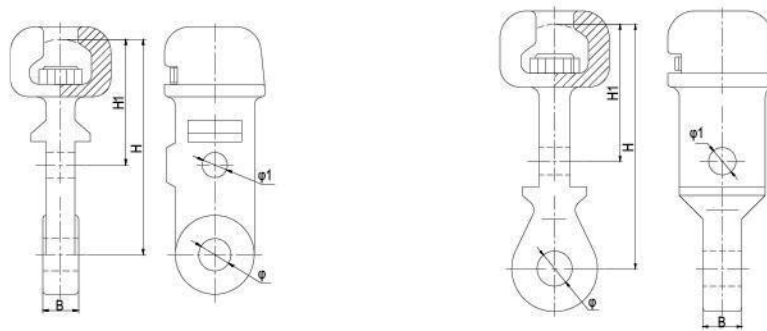


Catalog No.	Link Marking	Dimensions(mm)						Rated Failure Load (kN)
		φ	D ₁	D	C	H ₁	H	
QH-7	16	16	17	33.3	24	57	100	70
QH-10	16	18	17	33.3	22	60	110	100
QH-12	16	19	17	33.3	22	63	120	120
QH-16S	20	20	21	41.0	26	100	155	160
	20	20	21	41.0	26	83	140	210
QH-21S	20	20	21	41.0	26	100	155	210
QH-32S	24	28	25	49.0	32	110	175	320

Socket Eyes(Type W)

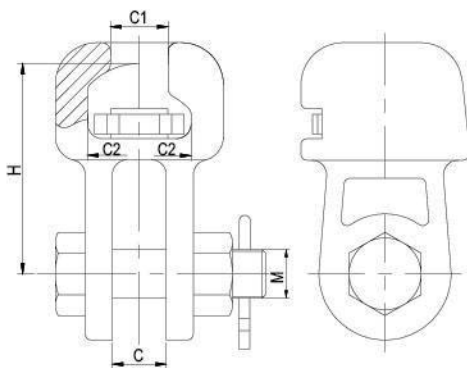


Catalog No.	Link Marking	Dimensions(mm)					Rated Failure Load (kN)
		C	C ₁	C ₂	φ	H	
W-7A	16	16	19.2	34.5	20	70	70
W-7B	16	16	19.2	34.5	20	115	70
W-10	16	16	19.2	34.5	20	85	100
W-12	16	20	19.2	34.5	24	90	120
	16	16	19.2	34.5	24	90	120
W-30	20	18	23	42.5	26	95	160
	24	32	27.5	51	39	110	300
	24	28	27.5	51	33	110	320

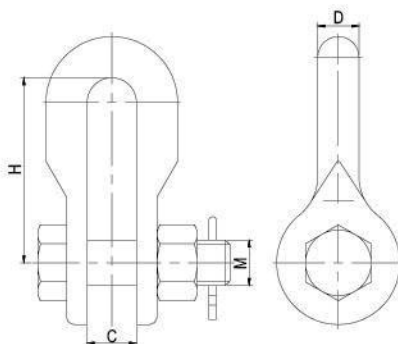


Catalog No.	Link Marking	Dimensions(mm)					Rated Failure Load (kN)	Weight (kg)
		B	φ ₁	φ	H ₁	H		
W ₁ -7K	16	20	14	18	70	120	70	1.0
W ₁ -12K	16	22	14	24	70	120	120	1.3

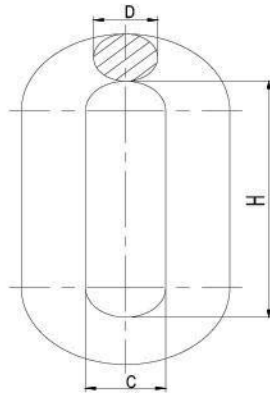
Catalog No.	Link Marking	Dimensions(mm)					Rated Failure Load (kN)	Weight (kg)
		B	φ ₁	φ	H ₁	H		
W ₁ -7R	16	18	14	18	65	140	70	1.0
W ₁ -12R	16	22	14	22	70	120	120	1.3

Socket Eyes(Type WS)


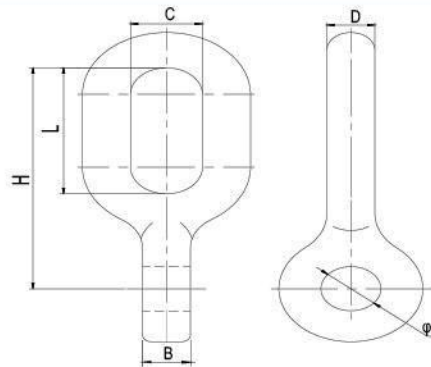
Catalog No.	Link Marking	Dimensions(mm)					Rated Failure Load (kN)
		C	C ₁	C ₂	M	H	
WS-7	16	18	19.2	34.5	16	70	70
WS-10	16	20	19.2	34.5	18	85	100
	16	20	19.2	34.5	22	90	120
WS-12	16	24	19.2	34.5	22	85	120
WS-16	20	22	23	42.5	24	95	160
WS-20	24	30	27.5	51	27	100	200
	20	24	23	42.5	24	100	210
	24	28	27.5	51	27	100	250
WS-30	24	36	27.5	51	36	110	300
	24	32	27.5	51	30	110	320
	28	36	32	59	36	120	420

Shackles


Catalog No.	Dimensions(mm)				Rated Failure Load (kN)	Weight (kg)
	C	D	M	H		
U-7	20	16	16	70	70	0.46
U-10	20	16	18	85	100	0.66
U-12	22	18	22	90	120	0.99
U-16	24	20	24	95	160	1.3
U-21	30	24	27	100	210	2.12
	24	20	24	100	210	1.45
U-25	34	26	30	110	250	3.00
	28	24	27	110	250	2.07
U-30	38	30	36	130	300	4.33
	32	28	30	115	320	2.96
	36	32	36	140	420	4.61

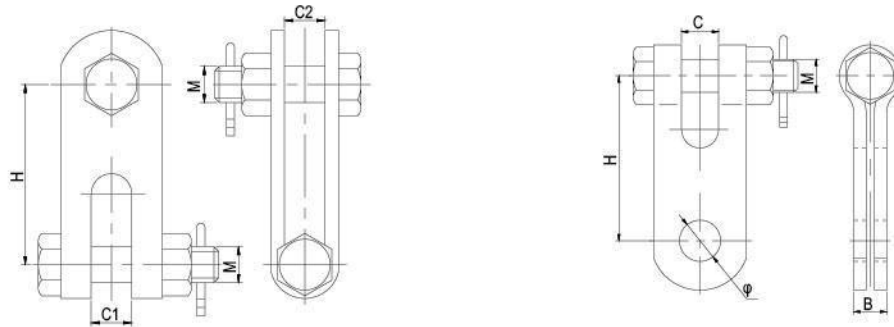
Eye Links(Type ZH)


Catalog No.	Dimensions(mm)			Rated Failure Load (kN)	Weight (kg)
	D	C	H		
PH-7	16	20	80	70	0.4
PH-10	16	22	100	100	0.5
PH-12	18	24	120	120	0.9
PH-16	20	26	120	160	0.9
PH-21	20	26	130	210	1.0
PH-25	24	32	120	250	1.3
PH-30	28	36	140	320	2.0

Extensive Links


Catalog No.	Dimensions(mm)						Rated Failure Load (kN)
	B	C	D	φ	L	H	
ZH-7	16	24	16	20	57	100	70
ZH-10	16	20	16	20	57	100	100
ZH-12	16	22	18	24	65	115	120
ZH-16	18	26	22	26	75	135	160

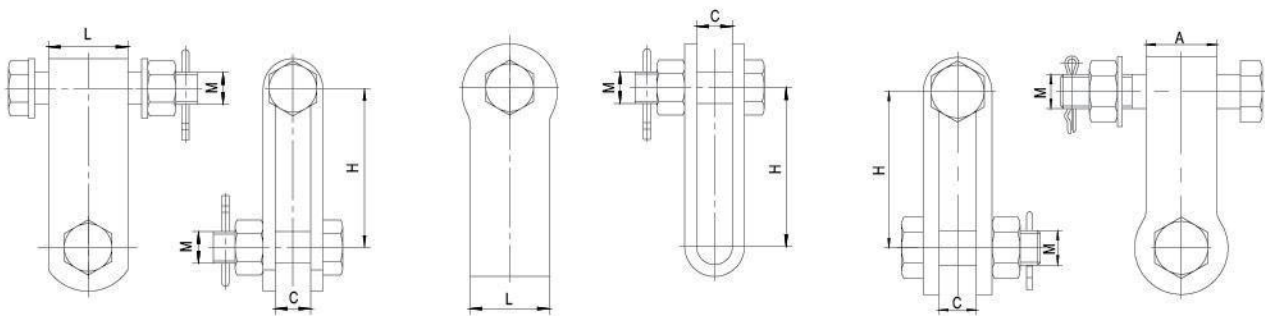
Clevises (Type Z)



Catalog No.	Dimensions(mm)				Rated Failure Load (kN)	Weight (kg)
	C1	C2	M	H		
Z-7	18	18	16	80	70	
Z-10	20	20	18	80	100	
Z-12	20	24	22	100	120	
Z-16	22	26	24	100	160	
	24	26	24	100	210	
Z-21	30	30	27	120	210	
	28	30	27	110	250	
Z-25	34	34	30	120	250	

Catalog No.	Dimensions(mm)					Rated Failure Load (kN)	Weight (kg)
	C	B	M	φ	H		
ZS-7	18	16	16	20	80	70	
ZS-10	20	18	18	20	80	100	
ZS-12	22	22	22	24	80	120	
	24	18	24	26	100	160	
ZS-16	26	24	24	26	90	160	
ZS-25	33	30	30	33	120	250	
ZS-30	38	34	36	39	150	300	

Clevises (Type UB)

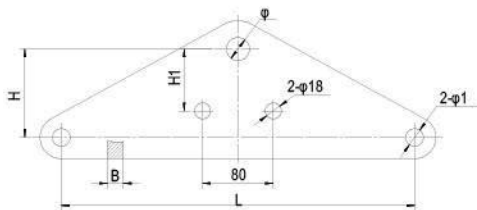
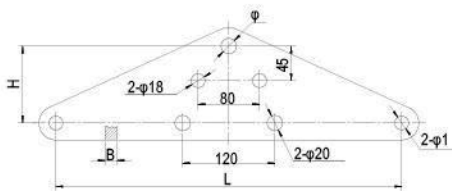
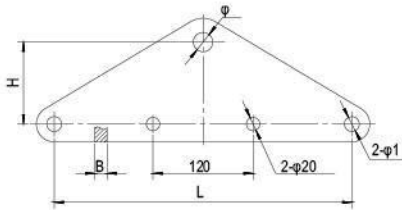
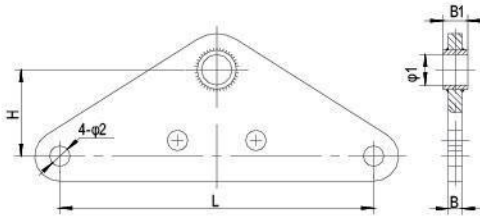


Catalog No.	Dimensions(mm)				Rated Failure Load (kN)	Weight (kg)
	L	C	M	H		
UB-7	45	18	16	70	70	
UB-10	45	20	18	80	100	
	45	24	22	100	120	
UB-12	60	24	22	100	120	
	45	26	24	100	160	
UB-16	60	26	24	100	160	
	45	26	24	100	210	
UB-21	70	30	27	120	210	

Catalog No.	Dimensions(mm)				Rated Failure Load (kN)	Weight (kg)
	L	C	M	H		
UBX-0765	45	18	16	65	70	
UBX-1065	45	20	18	65	100	
UBX-1275	45	24	22	75	120	
UBX-1675	45	26	24	75	160	

Catalog No.	Dimensions(mm)					Rated Failure Load (kN)	Weight (kg)
	C	M	H	A	R		
UB-7-1	20	16	65	30	24	70	0.82
UB-9-1	26	18	75	40	24	90	1.20
UB-10-1	22	18	70	38	24	100	1.10

Yoke Plates



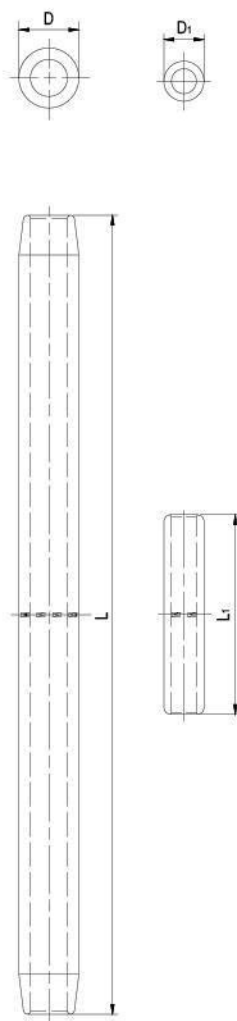
Catalog No.	Dimensions(mm)						Rated.Failure Load (kN)	Weight (kg)
	B	B ₁	φ ₁	φ ₂	H	L		
L-1040	16	-	20	18	70	400	100	4.5
L-1240	16	-	24	18	70	400	120	4.4
L-1640	18	-	26	20	100	400	160	6.2
L-2140	16	26	30	20	100	400	210	5.6
L-2052	16	26	30	26	100	520	200	8.0
L-2055	16	26	30	24	200	550	200	11.8
L-2540	16	30	33	24	110	400	250	9.0
L-3040	18	32	39	26	110	400	300	10.0
L-4255	24	38	45	30	250	550	420	24.4
L-5040	30	38	45	33	110	400	500	14.8
L-6045	32	42	51	39	200	450	600	25.5
L-6050	32	42	51	39	250	500	600	23.3

Catalog No.	Dimensions(mm)					Rated.Failure Load (kN)	Weight (kg)
	B	φ ₁	φ ₂	H	L		
L-07-70/400	16	18	18	70	400	70	3.99
L-07-70/500	16	18	18	70	500	70	4.97
L-07-70/600	16	18	18	70	600	70	5.95
L-10-100/450	16	20	18	100	450	100	5.44
L-10-100/500	16	20	18	100	500	100	6.02
L-10-100/600	16	20	18	100	600	100	7.2
L-10-70/400	16	20	18	70	400	100	4.04
L-10-70/500	16	20	18	70	500	100	5.03
L-12-100/450	16	24	18	100	450	120	5.63
L-12-100/500	16	24	18	100	500	120	6.22
L-12-100/600	16	24	18	100	600	120	7.43
L-12-70/400	16	24	18	70	400	120	4.2
L-16-100/400	18	26	20	100	400	160	5.91
L-16-100/450	18	26	20	100	450	160	6.61
L-16-100/500	18	26	20	100	500	160	7.31
L-16-100/600	18	26	20	100	600	160	8.72

Catalog No.	Dimensions(mm)					Rated.Failure Load (kN)	Weight (kg)
	B	φ ₁	φ ₂	H	L		
L-07-120/400	16	18	18	120	400	70	5.35
L-07-120/500	16	18	18	120	500	70	6.61
L-10-120/500	16	20	18	120	500	100	6.68

Catalog No.	Dimensions(mm)						Rated.Failure Load (kN)	Weight (kg)
	H	H ₁	φ	φ ₁	B	L		
L-10J-70/400	70	70	20	18	16	400	100	4.1
L-10J-70/500	70	70	20	18	16	500	100	5.09
L-16J-100/400	100	70	26	20	18	400	160	5.98
L-16J-120/500	120	70	26	20	18	500	160	8.15

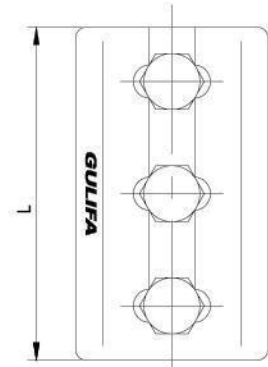
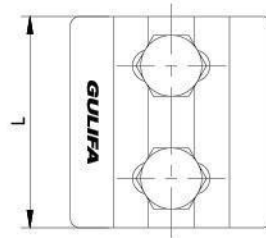
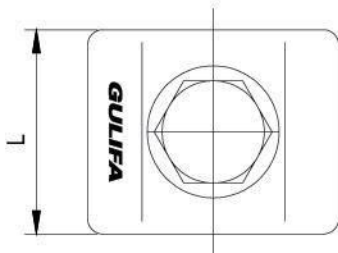
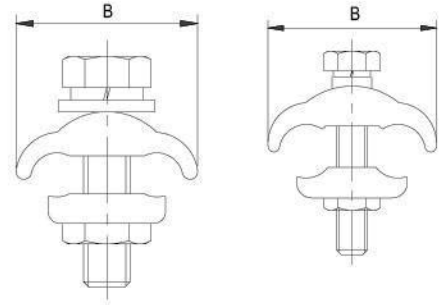
Splicing Sleeves



Type	Apply to wire	Dimensions(mm)				Slip Strength (≥kN)
		D	D ₁	L	L ₁	
JY-95/15	LGJ-95/15	26	14	410	120	33.5
JY-95/20	LGJ-95/20	26	14	410	130	35.5
JY-120/20	LGJ-120/20	30	14	450	130	39.0
JY-120/25	LGJ-120/25	30	14	450	150	45.5
JY-150/20	LGJ-150/20	30	14	470	130	44.0
JY-150/25	LGJ-150/25	30	14	510	150	51.5
JY-150/35	LGJ-150/35	30	16	510	180	62.0
JY-185/25	LGJ-185/25	32	14	540	150	56.5
JY-185/30	LGJ-185/30	32	16	540	170	61.5
JY-185/45	LGJ-185/45	34	18	570	200	76.5
JY-240/30	LGJ-240/30	36	16	590	170	72.0
JY-240/40	LGJ-240/40	36	16	590	190	79.0
JY-240/55	LGJ-240/55	36	20	640	230	97.0
JY-300/15	LGJ-300/15	40	14	580	120	65.0
JY-300/20	LGJ-300/20	40	14	580	140	72.0
JY-300/25	LGJ-300/25	40	14	600	160	79.5
JY-300/40	LGJ-300/40	40	16	640	190	88.0
JY-300/50	LGJ-300/50	40	18	660	210	98.5
JY-300/70	LGJ-300/70	42	22	710	260	122.0
JY-400/20	LGJ-400/20	45	14	580	140	84.5
JY-400/25	LGJ-400/25	45	14	680	160	91.0
JY-400/35	LGJ-400/35	45	16	680	180	99.0
JY-400/50	LGJ-400/50	45	20	730	220	117.0
JY-400/65	LGJ-400/65	48	22	760	250	128.5
JY-400/95	LGJ-400/95	48	24	830	300	163.0
JY-500/35	LGJ-500/35	52	16	760	180	114.0
JY-500/45	LGJ-500/45	52	18	760	200	122.0
JY-500/65	LGJ-500/65	52	22	820	250	146.5
JY-630/45	LGJ-630/45	60	18	840	200	141.5
JY-630/55	LGJ-630/55	60	20	880	230	156.5
JY-630/80	LGJ-630/80	60	24	940	280	183.5
JY-800/55	LGJ-800/55	65	20	950	230	183.0
JY-800/70	LGJ-800/70	65	22	980	260	197.0
JY-800/100	LGJ-800/100	65	26	1050	310	229.0

The outer sleeve is aluminum. The inner sleeve is hot-dip galvanized steel.

Parallel Groove Clamp

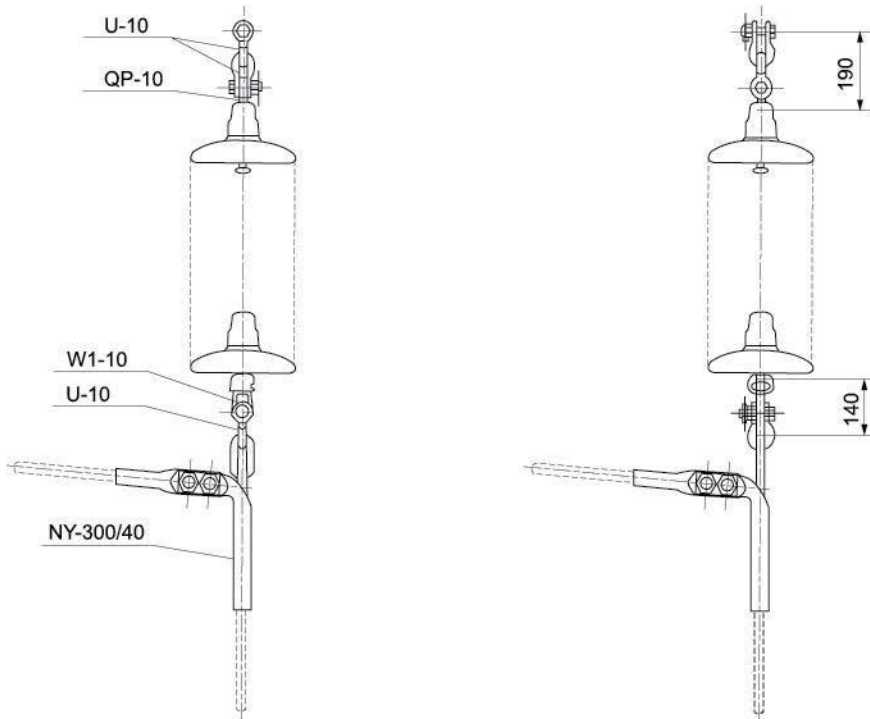


Technical Parameters

Type No	Conductor Cross-section mm ²	L	B	Bolts No
APG 6-35/1	φ 2.7-7.5	26	30	1 × M8
APG 16-70/1	φ 4.8-11.7	26	36	1 × M8
APG 16-70/2	φ 4.8-11.7	40	36	2 × M8
APG 10-95/2	φ 3.8-12.5	42	40	2 × M8
APG 16-120/2	φ 4.8-14	45	43	2 × M8
APG 16-150/2	φ 4.8-15.7	50	45	2 × M8
APG 25-240/2	φ 6-20.3	64	58	2 × M10
APG 35-300/3	φ 7-23	105	66	3 × M10

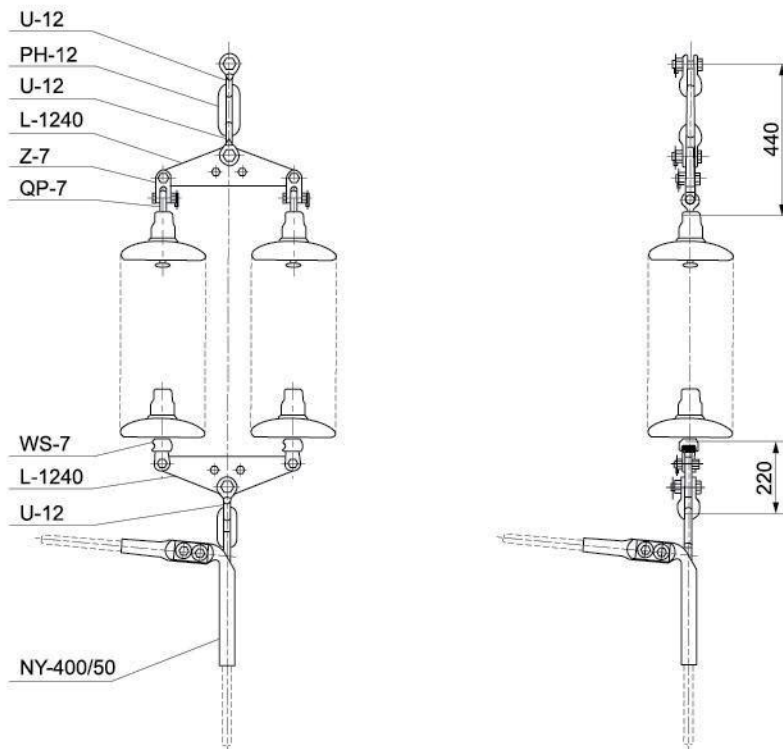
Type No	Conductor Cross-section mm ²	L	B	Bolts No
CAPG 6-50/16-70A	φ 2.7-9	26	36.5	1 × M8
CAPG 10-95/16-150A	φ 3.8-12.5	26	45	1 × M8
CAPG 6-50/16-150B	φ 2.7-9	40	36.5	2 × M8
CAPG 10-95/16-150B	φ 3.8-12.5	50	45	2 × M8
CAPG 16-120/25-150B	φ 4.8-14	50	45	2 × M8
CAPG 16-185/16-120B	φ 4.8-17.5	66	45	2 × M8
CAPG 16-185/25-240B	φ 4.8-17.5	64	59	2 × M8
CAPG 35-240/35-300B	φ 7-20.3	64	65	2 × M10
CAPG 35-185/35-185C	φ 7-17.5	95	55	3 × M10
CAPG 35-240/35-300C	φ 7-20.3	105	65	3 × M10

Single Tension String For One Conductor

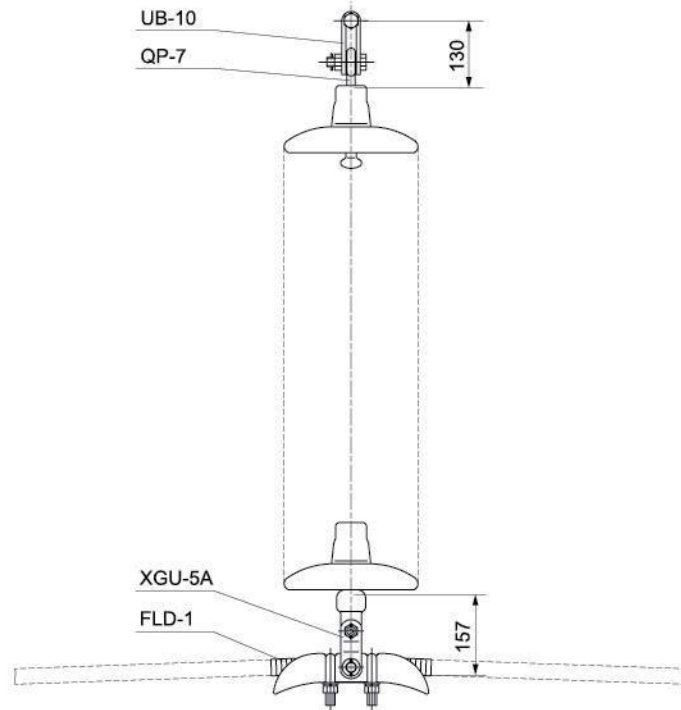


Distribution Line String

Double Tension strings For One Conductor

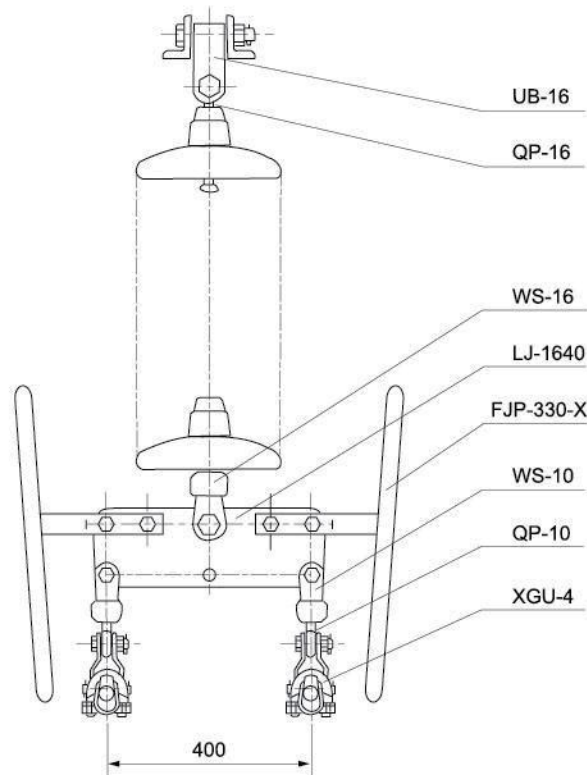


Single Suspension String For One Conductor

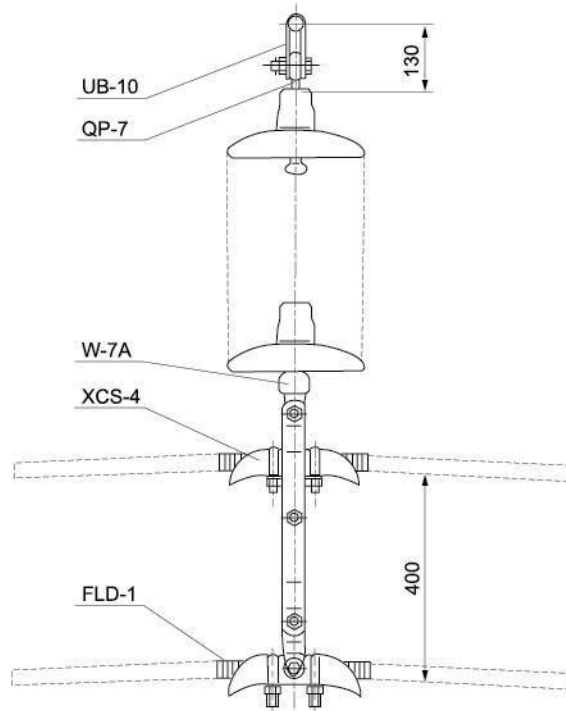


Distribution Line String

Single Suspension String For Two-Bundle Conductor

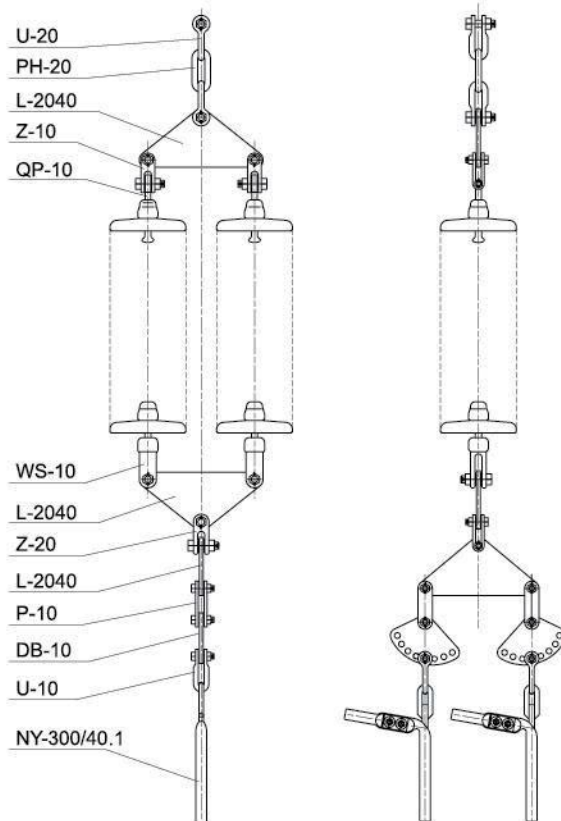


Single Suspension String For Two-Bundle Conductor

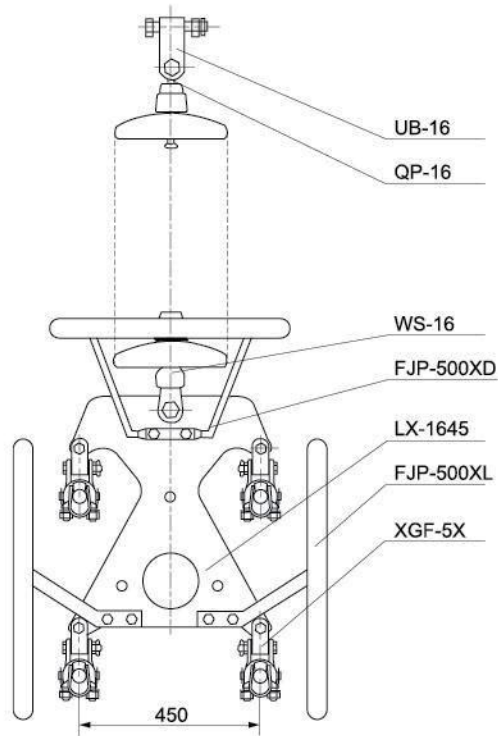


Distribution Line String

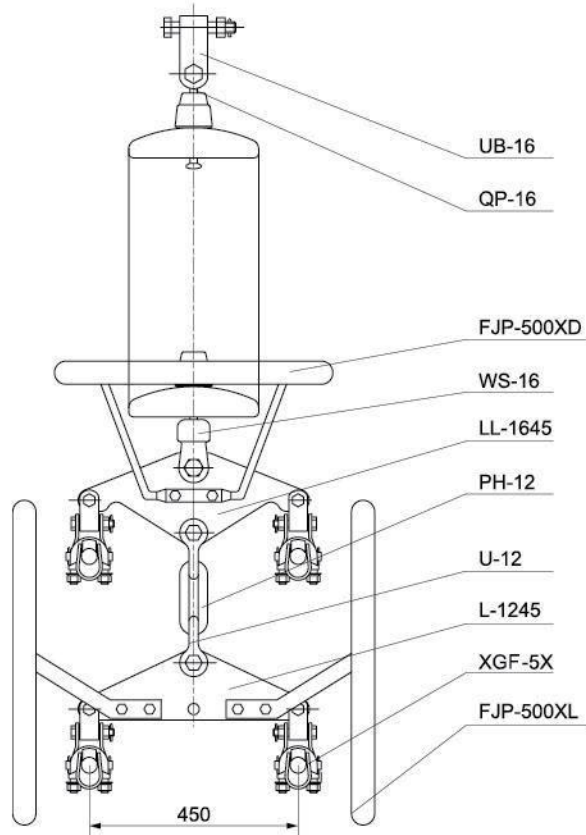
Double Tension Strings For Two-Bundle Conductor



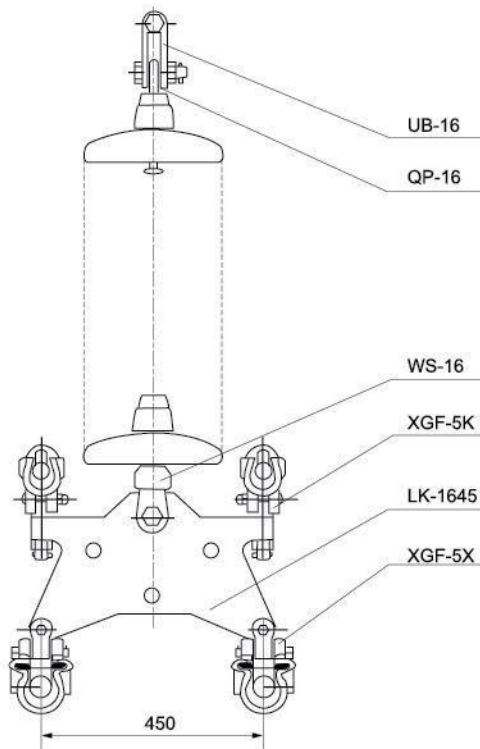
Single Suspension String For Four-Bundle Conductor(Using Yoke Plate With Type LX)



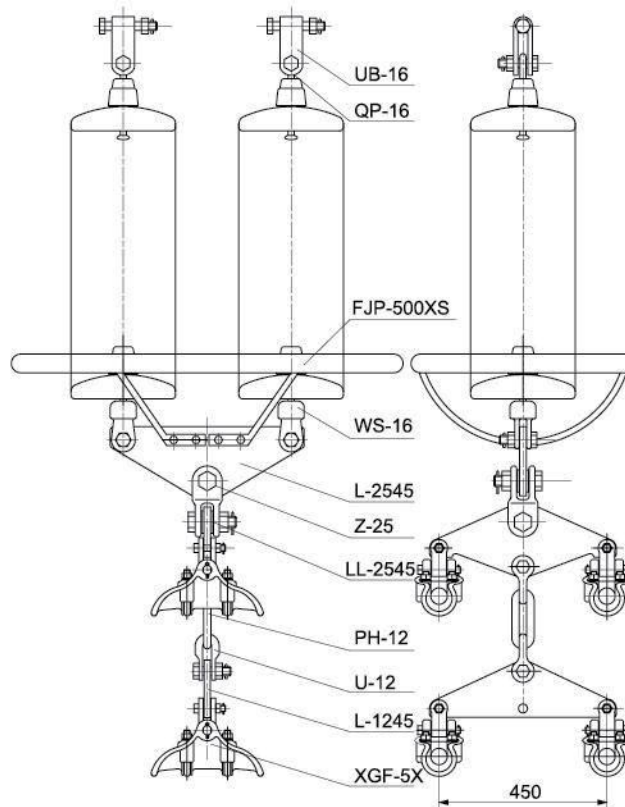
Single Suspension String For Four-Bundle Conductor(Using Combined Yoke Plate)



Single Suspension String For Four-Bundle Conductor(Using Combined Yoke Plate)



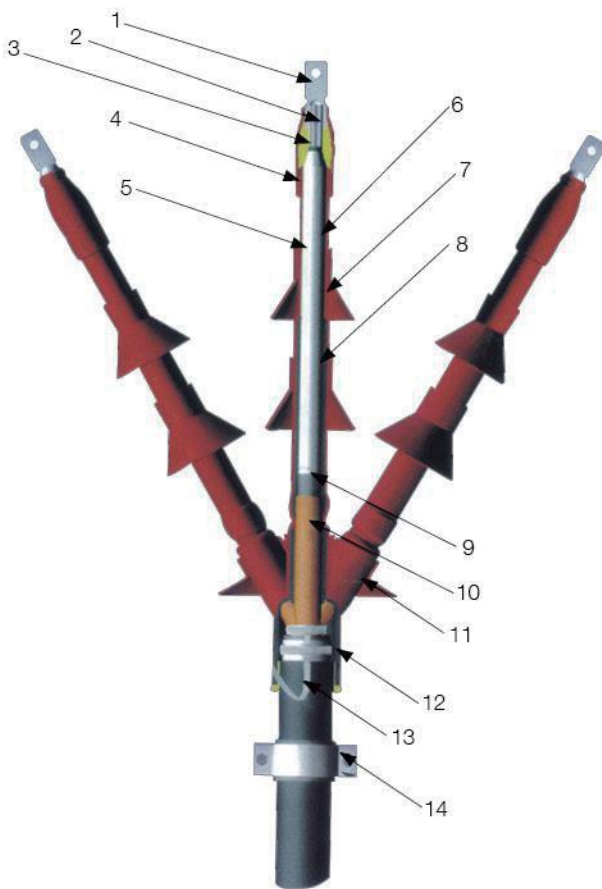
Single suspension String For Four-Bundle Conductor(Using Yoke Plate with Type LK)



Radiation Cross-linked Heat-shrinkable Cable Accessories

Cross-linked heat-shrinkable accessories of power cable are the latest products in domestic cable accessory business. With some features of small volume, Light weight, reliable performance, good suitability, and easy installment. It is applicable to the parts of indoor, outdoor end connection and middle connection of all kinds of power cable (Cross linked cable, plastics cable and oiled cable). And it is used in all fields of national economy such as power, telecommunication, petrochemistry, railway, port and building constructor.

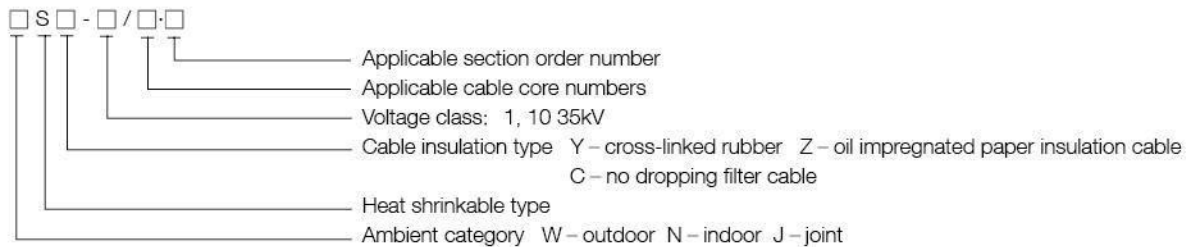
Our company can produce all types of cable accessories of 35kV and below 35kV voltage grade and has passed the test by WuHan high-Voltage research institute.



- 1—lug
- 2—number of cable core
- 3—melting glue
- 4—sealed bushing
- 5—insulated part of cable
- 6—outdoor heat-shrinkable bushing
- 7—single hole sleeve
- 8—stress bushing
- 9—semi-conductor part of cable
- 10—cable copper shield part
- 11—three-holes sleeve
- 12—branch sheath
- 13—earth wire
- 14—cable clip

Technical performance of heat-shrinkable accessories

Type & Specification





Heat-shrinkable Accessories

Radiation Cross-linked Heat-shrinkable Cable Accessories

1kV heat-shrinkable termination of low voltage insulated cable

Cable section		Number of cores				
NO.	section (mm ²)	Single-core	Two cores	Three cores	Four cores	Five cores
0	10 ~ 16	SY-1/1.0	SY-1/2.0	SY-1/3.0	SY-1/4.0	SY-1/5.0
1	25 ~ 50	SY-1/1.1	SY-1/2.1	SY-1/3.1	SY-1/4.1	SY-1/5.1
2	70 ~ 120	SY-1/1.2	SY-1/2.2	SY-1/3.2	SY-1/4.2	SY-1/5.2
3	150 ~ 240	SY-1/1.3	SY-1/2.3	SY-1/3.3	SY-1/4.3	SY-1/5.3
4	300 ~ 630	SY-1/1.4	SY-1/2.4	SY-1/3.4	SY-1/4.4	SY-1/5.4



1kV heat-shrinkable middle joints of low voltage insulated cable

Cable section		Number of cores				
NO.	section (mm ²)	Single-core	Two cores	Three cores	Four cores	Five cores
0	JSY-1/1.0	JSY-1/2.0	JSY-1/2.0	JSY-1/3.0	JSY-1/4.0	JSY-1/5.0
1	JSY-1/1.1	JSY-1/2.1	JSY-1/2.1	JSY-1/3.1	JSY-1/4.1	JSY-1/5.1
2	JSY-1/1.2	JSY-1/2.2	JSY-1/2.2	JSY-1/3.2	JSY-1/4.2	JSY-1/5.2
3	JSY-1/1.3	JSY-1/2.3	JSY-1/2.3	JSY-1/3.3	JSY-1/4.3	JSY-1/5.3
4	JSY-1/1.4	JSY-1/2.4	JSY-1/2.4	JSY-1/3.4	JSY-1/4.4	JSY-1/5.4



XLEP heat-shrinkable accessories for 10kV cross-linked polythene cable

Cable section		Heat-shrinkable termination outdoor		Heat-shrinkable termination indoor		Heat-shrinkable middle joints	
NO.	section (mm ²)	Single-core	Three cores	Single-core	Three cores	Single-core	Three cores
0	10 ~ 16	WSY-10/1.0	WSY-10/3.0	NSY-10/1.0	NSY-10/3.0	JSY-10/1.0	JSY-10/3.0
1	25 ~ 50	WSY-10/1.1	WSY-10/3.1	NSY-10/1.1	NSY-10/3.1	JSY-10/1.1	JSY-10/3.1
2	70 ~ 120	WSY-10/1.2	WSY-10/3.2	NSY-10/1.2	NSY-10/3.2	JSY-10/1.2	JSY-10/3.2
3	150 ~ 240	WSY-10/1.3	WSY-10/3.3	NSY-10/1.3	NSY-10/3.3	JSY-10/1.3	JSY-10/3.3
4	300 ~ 630	WSY-10/1.4	WSY-10/3.4	NSY-10/1.4	NSY-10/3.4	JSY-10/1.4	JSY-10/3.4



Heat-shrinkable accessories for oiled cable

Cable section		Heat-shrinkable termination outdoor		Heat-shrinkable termination indoor		Heat-shrinkable middle joints	
NO.	section (mm ²)	Single-core	Three cores	Single-core	Three cores	Single-core	Three cores
0	25 ~ 50	WSY-10/1.1	WSY-10/3.1	NSY-10/1.1	NSY-10/3.1	JSY-10/1.1	JSY-10/3.1
1	70 ~ 120	WSY-10/1.2	WSY-10/3.2	NSY-10/1.2	NSY-10/3.2	JSY-10/1.2	JSY-10/3.2
2	150 ~ 240	WSY-10/1.3	WSY-10/3.3	NSY-10/1.3	NSY-10/3.3	JSY-10/1.3	JSY-10/3.3
3	150 ~ 240	WSY-10/1.3	WSY-10/3.3	NSY-10/1.3	NSY-10/3.3	JSY-10/1.3	JSY-10/3.3



Radiation Cross-linked Heat-shrinkable Cable Accessories

XLEP heat-shrinkable accessories for 35kV cross-linked polythene cable

Cable section		Heat-shrinkable termination outdoor		Heat-shrinkable termination indoor	
NO.	section (mm ²)	Single-core	Three cores	Single-core	Three cores
1	50 ~ 120	WSY-35/1.1	WSY-35/3.1	NSY-35/1.1	NSY-35/3.1
2	150 ~ 300	WSY-35/1.2	WSY-35/3.2	NSY-35/1.2	NSY-35/3.2
3	400 ~ 630	WSY-35/1.3	WSY-35/3.3	NSY-35/1.3	NSY-35/3.3



Heat-Shrinkable branch bushing



Heat shrinkable rain-proof sleeves



heat shrinkable cable end cap



Heat-shrinkable creepage increaser



Low voltage flame-retardant heat-shrinkable thin tube

The products have good insulation, flame-retardant shock aging. be widely applied in the communication, electron, aviation, War industry fields, It have U1224 U.S.A. Criterion and CSA22.2 criterion canada. The products are thin wall sleeves.

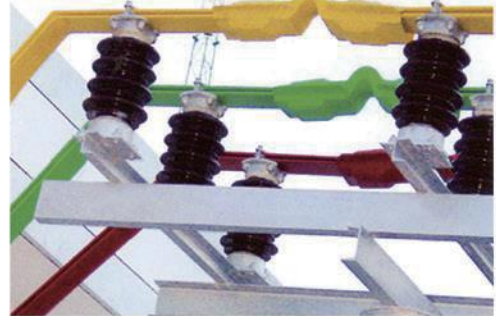


Specification	Dimension before Recovered (mm) Inside diameter	Dimension after recovered freely (mm) Inside diameter	Length per core(m)
φ 1.0/0.5	≥1.0	≤0.5	400
φ 1.5/0.75	≥1.5	≤0.75	300
φ 2.0/1.0	≥2.0	≤1.0	200
φ 2.5/1.25	≥2.5	≤1.25	200
φ 3.0/1.5	≥3.0	≤1.5	200
φ 3.5/1.75	≥3.5	≤1.75	100
φ 4.0/2.0	≥4.0	≤2.0	100
φ 5.0/2.5	≥5.0	≤2.5	100
φ 6.0/3.0	≥6.0	≤3.0	100
φ 7.0/3.5	≥7.0	≤3.5	100
φ 8.0/4.0	≥8.0	≤4.0	100
φ 9.0/4.5	≥9.0	≤4.5	100
φ 10.0/5.0	≥10.0	≤5.0	100
φ 11.0/5.5	≥11.0	≤5.5	100
φ 12.0/6.0	≥12.0	≤6.0	100
φ 13.0/6.5	≥13.0	≤6.5	100
φ 14.0/7.0	≥14.0	≤7.0	100
φ 15.0/7.5	≥15.0	≤7.5	100
φ 16.0/8.0	≥16.0	≤8.0	100
φ 17.0/8.5	≥17.0	≤8.5	100
φ 18.0/9.0	≥18.0	≤9.0	100
φ 20.0/10.0	≥20.0	≤10.0	100
φ 22.0/11.0	≥22.0	≤11.0	100
φ 25.0/12.5	≥25.0	≤12.5	50
φ 28.0/14.0	≥28.0	≤14.0	50
φ 30.0/15.0	≥30.0	≤15.0	50
φ 35.0/17.5	≥35.0	≤17.5	50
φ 40.0/20.0	≥40.0	≤20.0	50
φ 50.0/25.0	≥50.0	≤25.0	50
φ 60.0/30.0	≥60.0	≤30.0	25
φ 70.0/35.0	≥70.0	≤35.0	25
φ 80.0/40.0	≥80.0	≤40.0	25
φ 90.0/45.0	≥90.0	≤45.0	25
φ 100.0/50.0	≥100.0	≤50.0	25
φ 120.0/60.0	≥120.0	≤60.0	25
φ 150.0/75.0	≥150.0	≤75.0	25

Radiation Cross-linked Heat-shrinkable Cable Accessories

Flame-retardant heat-shrinkable motherboard protective bushing

The products were a good insulated material. It mainly were the same with motherboard sheeted in the high-voltage switch, Power house and transformer substation. It can prevent the eye winker tapping, Little animal of short circuit, prevent surface-man come in the electrical area, preventing short circuit of curdy dew, increasing insulated capability. It's the middle thickness wall (1 metre length).

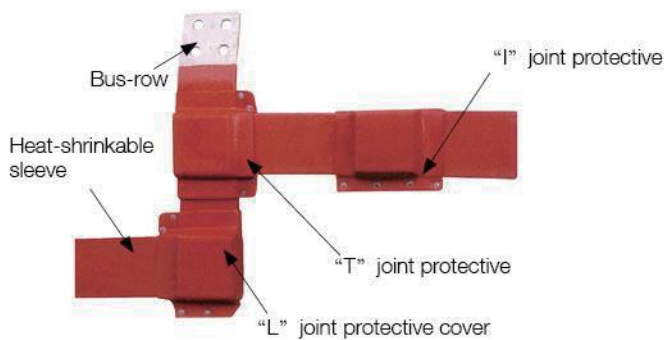


Spoeification	Dimension before Recovered (mm)	Dimension after recovered freely (mm)	Length per core(m)
	Inside diameter	Inside diameter	
φ 25/10	20 × 2	≥25	≤10
φ 30/12	25 × 3	≥30	≤12
φ 40/15	30 × 3	≥40	≤15
φ 50/20	40 × 4	≥50	≤20
φ 60/25	50 × 5	≥60	≤25
φ 70/30	60 × 6(8)	≥70	≤30
φ 80/35	70 × 8	≥80	≤35
φ 100/40	80 × 8(10)	≥100	≤40
φ 120/50	100 × 10	≥120	≤50
φ 150/60	120 × 10(12)	≥150	≤60
φ 200/70	150 × 14	≥200	≤70
φ 20/8	180 × 14	≥20	≤8



Heat-shrinkable Accessories

MPH-Series heat shrinkable bus-bar binding covers



Silastic Power Cable

Convenient Installation



Shrinkable technique, no need fire or special tools, no need to jointing or binding copper wire, spring earthing. It can save labour, save time and save place. Every set of products are packed absolutely and attached installation manual.



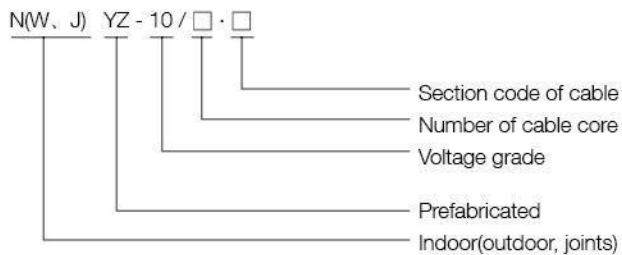
Prefabricated cable accessories



Cold-shrink cable accessories

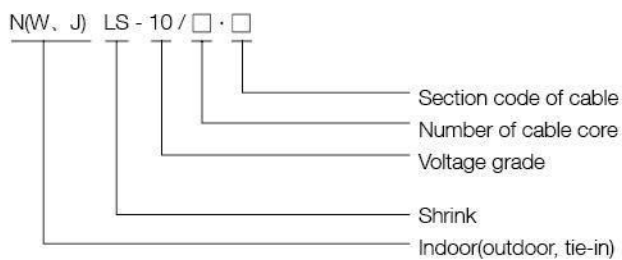
Pattern of the products

Prefabricated cable accessories

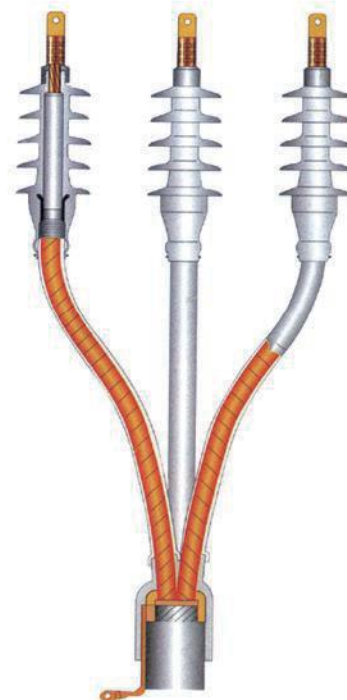


For example: 10kV single core cable, section 240mm² of prefabricated indoor terminal NYZ-10/1.9

Shrink cable accessories



For example: 10kV three cores cable, section 240mm of prefabricated indoor terminal



Radiation Cross-linked Heat-shrinkable Cable Accessories

Indoor(outdoor,tie-in)

Item	Criterion		Testing result
Power frequency wet withstand voltage(outdoor)	45kV	$P_{c} \leq 20$	Pass
Power frequency drywithstand voltage(indoor)	45kV	1min	Pass
Power frequency long-term withstand voltage	35kV	1min	Pass
Surge withstand voltage	105kV	4h	Pass
DC withstand voltage	52kV	$1.2/5 \mu s \pm 10$ 次	Pass
Part discharge	13kV	15min	Pass

Type & Specification

Shrink cable accessories	Prefabricated cable accessories	Applicable section (mm ²)
N(W, J)LS-10/3(1).1	N(W, J)YZ-10/3(1).1	25
	N(W, J)LS-10/3(1).2	35
	N(W, J)LS-10/3(1).3	50
N(W, J)LS-10/3(1).2	N(W, J)YZ-10/3(1).4	70
	N(W, J)LS-10/3(1).5	95
	N(W, J)YZ-10/3(1).6	120
N(W, J)LS-10/3(1).3	N(W, J)YZ-10/3(1).7	150
	N(W, J)YZ-10/3(1).8	185
N(W, J)LS-10/3(1).4	N(W, J)YZ-10/3(1).9	240
	N(W, J)YZ-10/3(1).10	300
N(W, J)LS-10/3(1).5	N(W, J)YZ-10/3(1).11	400



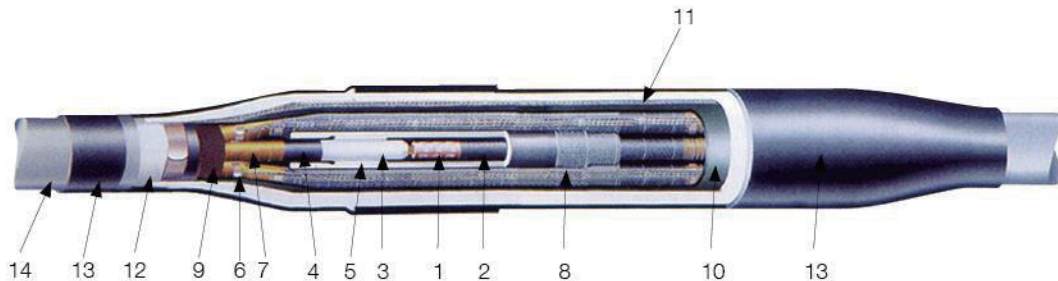
Parameter for indoor(outdoor) terminal and mid-tie assembly type

Rule	25	35	50	70	95	120	150	185	240	300	400	500
Aplicable dir range of insulated layer (mm)	Terminal	15.2 ~ 17.2	16.9 ~ 18.2	17.5 ~ 19.5	19.3 ~ 21.5	20.9 ~ 23.0	22.5 ~ 24.5	24.0 ~ 26	25.6 ~ 28.0	28.5 ~ 32.5	31.8 ~ 35.4	36.7~4.1
	Tie-in	16 ~ 17	17 ~ 18.5	18.5 ~ 20	20 ~ 21.5	21.5 ~ 23	23 ~ 24.5	24.5 ~ 26.5	26 ~ 28.5	30 ~ 33.5	33.5 ~ 37	

This product has been passed the test items of JB8144-1995 Standard and provincial appraisal for new products and fill up the blank in the industry being a leading manufacturer domestically.

Radiation Cross-linked Heat-shrinkable Cable Accessories

Cold-shrinkable power cable middle joints



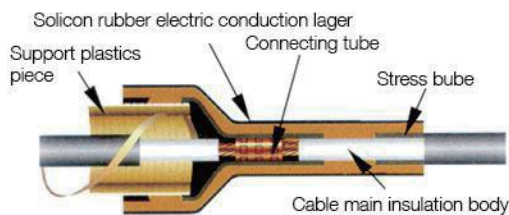
- | | | |
|-----------------------|----------------------------|------------------------------|
| 1, connection tube | 6, uniform spring | 11, copper wire |
| 2, semiconductor belt | 7, copper shield part | 12, armored cable |
| 3, insulated part | 8, copper knitted wire | 13, outside protection part |
| 4, semiconductor part | 9, inside protection cover | 14, outside protection cover |
| 5, mid-tie | 10, inside protection part | |

The Characteristics Of Power Cable Middle Joint

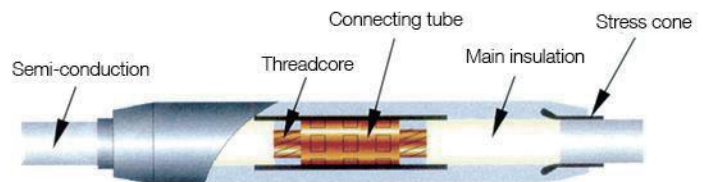
A, Reliable Capability

B, Broad Application

C, Convenient Installation



Cold-shrinkable type middle joint tube runaway view



Prefabricated cold shrinkable type middle joint tube runaway view

8.7/15KV SI-Lastic Cold-shrinkable Cable Joints

name	type	Applicable section (mm ²)
Single core middle joint	JLS-15/1.1	25-50
	JLS-15/1.2	70-120
	JLS-15/1.3	150-240
	JLS-15/1.4	300-500
Three cores middle joint	JLS-15/3.1	25-50
	JLS-15/3.2	70-120
	JLS-15/3.3	150-240
	JLS-15/3.4	300-500

26/35KV SI-Lastic Cold-shrinkable Cable Joints

name	type	Applicable section (mm ²)
Single core middle joint	JLS-35/1.1	50-185
	JLS-35/1.2	240-500
Three cores middle joint	JLS-35/3.1	50-185
	JLS-35/3.2	240-500

COMPOSITE INSULATOR

summary

Composite insulator composed of three parts of an insulating rod, silicone rubber polymer-housing and connecting fittings on both ends.

Insulator core rod is the short form of epoxy resin glass fiber core, it is the skeleton of composite insulator, plays multiple roles in supporting housing, endothelium insulation, connecting the fittings of both ends, as wehmerical resistance, and good resistance to bending fatigue, creep and impact.

Silicone rubber mainly plays a role in protecting rod, shielding rain and snow, increasing the creepage distances and external insulation of the products, it is made from the main part of polymer silicone rubber, with fire retardant, inhibitor, coupling agent and so on, through high temperature and pressure, then vulcanization. It has good hydrophobicity and migration, as well as good corrosion resistance, aging resistall as withstand mechanical loads ect., with very high tensile strength, usually above 600Mpa,it' s twice of common steel, 5 to 8 times of the porcelain material and has good dielectric properties and cnce, electrical insulation properties. And it has high pollution flashover voltage and resistance to crushing performance, voltage well-distributed, compared with porcelain kinds under the same condition, its flashover voltage is more than twice of porcelain kinds.

The composite insulators which manufactured our company using the fittings made from special steel, both ends of the fittings designed based on the principles of labyrinth, multilayer protection, good sealability, solved the most critical issue of insulator --- Interface electrical breakdown. Connection between fittings and the core rod using the computer-controlled coaxiality constant pressure crimping process the most advanced in the world, and equipped with fully-automatic acoustic emission crack detection system, ensured the reliability and stability of the connection between fittings and the core rod. The core rod using ERC high temperature acid-resisting rod, the interface of core rod and the silicone rubber coated with special coupling agent. The silicone housing using disposable integral shaping process under high temperature and pressure. with the second-stage vulcanization of computer monitoring, extending the service life of the product. Advanced production equipment and manufacturing technology, complete testing equipment and testing methods, ensured that the various technical indexes have reached the relevant standards of national and international, to be a new generation of insulators of high-voltage power transmission line.

Composite insulator product type

- FXBW----composite suspension insulators
- FPQ----composite pin insulator
- FZSW---- composite post insulator
- FS ----composite crossarm insulators
- FCGW ----composite dry wall bushing
- FQB----wrist and arm composite insulator
- FQX----composite suspension insulators for electrical railway
- FQJ----Roof composite insulator for electrical railway

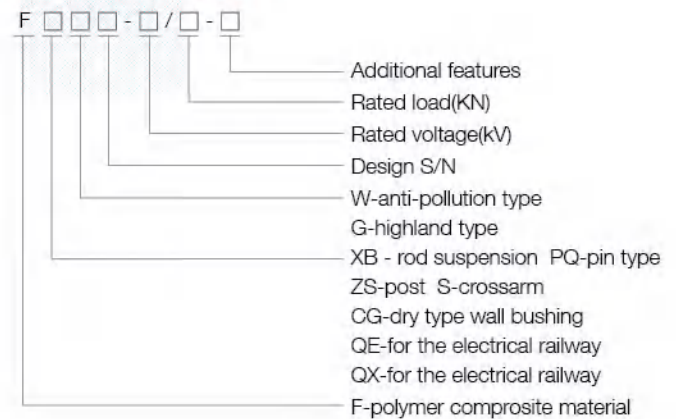
Service condition

- Temperature ambient: 40℃~+40℃
- Altitude: not more than 1500m
- AC power frequency: ≥100HZ
- Maximum wind speed: not more than 35m/s
- Earthquake strength: not more than m8

Performance and characteristics

- ◇ Small size, light weight, it' s about 1/5~1/9 regarding the same voltage of porcelain insulator, easy to transport and install.
- ◇ Composite insulators with high mechanical strength, structure reliably, performance stably, safe operation with large strength, provided a guarantee for the safe operation of line.
- ◇ Composite insulators with excellent electrical properties, silicone housing has good hydrophobicity and migration, as well as good pollution resistance, it also has strong ability in pollution resistance, could operate safely in heavy polluted areas, and don' t need

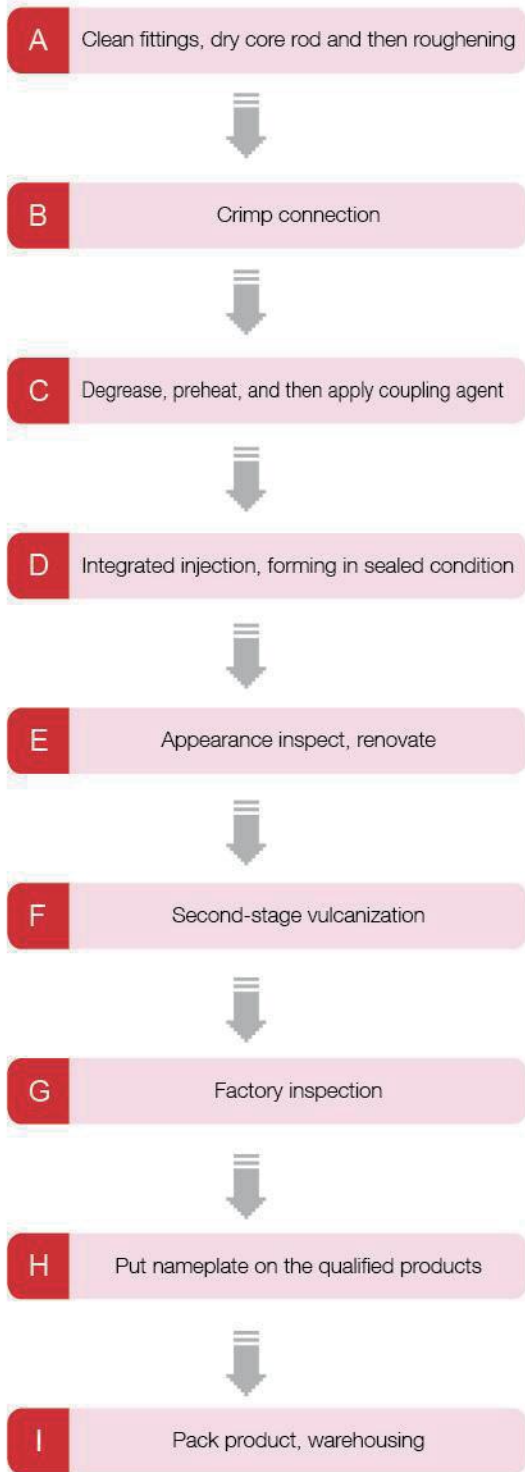
Model specification



- handsweeping, also zero test maintenance could be omitted.
- ◇ Composite insulators have acid and alkaline resistance, as well as heat aging resistance and electricity resistance ability, good seal performance, no moisture will affect the internal insulation.
- ◇ Composite insulator with good brittleness resistance, strong shockproof strength, will not happen brittleness fracture event.
- ◇ Composite insulator is interchangeable, could swap for the porcelain insulator.

COMPOSITE INSULATOR

Production process of composite insulator



composite insulators



Composite Insulator

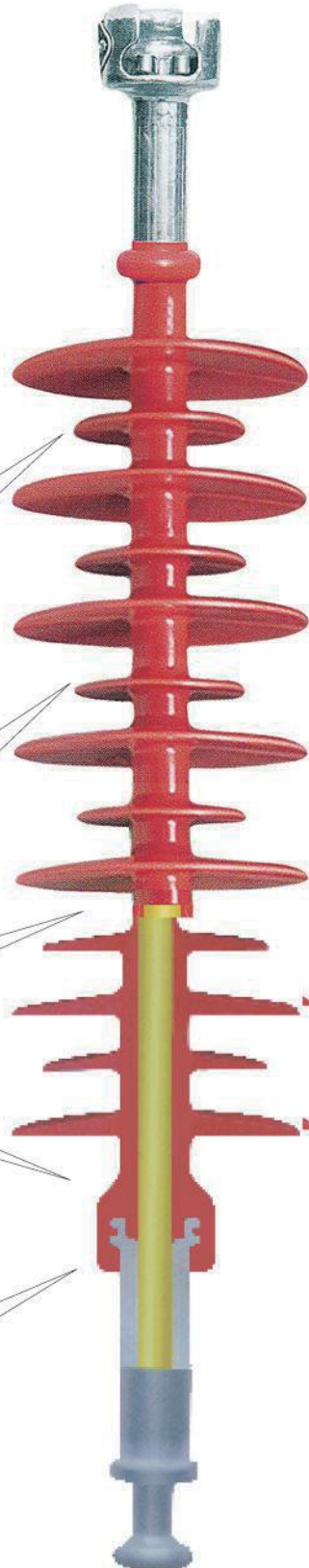
End fitting: The fittings made of zinc layer protection, ultrasound monitoring, computer-controlled coaxial constant crimping process, after crimping the clamp marks is bright as new, Good stress dispersivity, the quality is stable and reliable

The silicone rubber sheds used aerodynamic design, application of sheath whole molding technology to ensure that any climate and filthy conditions, all creepage distance effectively. To improve the composite insulator in the air self-cleaning sewage capacity

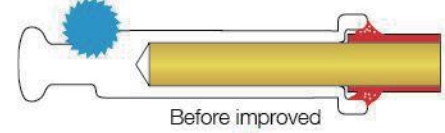
Sheath thickness $\geq 5\text{mm}$, uniform thickness, as per IEC standard

Rod: The ECR high temperature strengthening the acid resistant core.

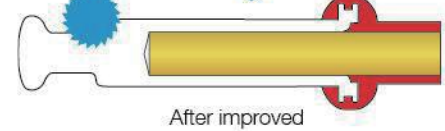
The end fitting used labyrinth waterproof design, and rubber cover outside, greatly improving the product waterproof, impervious performance



Traditional rubber seal



Injection seal



Excellent formula of silicone rubber has good hydrophobicity and tracking proof.



Manufactured using special steel, the fitting crimp with advanced technology, to ensure product stability and accuracy of the breaking strength.



MEGALEC

Composite Insulator

Composite Insulator

Insulator quality guarantee



Our factory establishes, implements and maintains quality management system per ISO9001 quality guarantee model, to ensure product' s high quality and service.

FXBW4-10/70-DU



FXBW4-10/70EE-H



FXBW4-10/70-DD-Y



FXBW4-10/70-EE-G



FXBW4-1/70-EE



FXBW₄-35/100EQ



FXBW₄-10/70



FXBW₄-66/100TD



FXBW₄-35/100



FXBW₄-110/100

Composite Insulator

Composite Suspension Insulator

Type	Rated Voltage kV	Rated Mechanical Tensile strength kN	Connecting mark	Structure height (H) mm	Min arc creepage distance mm	Min normal creepage distance mm	Lighting impulse withstand voltage (peak)≥	Operation impulse withstand voltage Power Frequency Withstand Voltage(peak)≥	Power Frequency Withstand Voltage, 1 min≥kV
FXBW4-10/40	10	40	11W	340 ± 15	190	400	95	-	60
FXBW4-10/70	10	70	16W	360 ± 15	190	490	95	-	60
FXBW4-10/100	10	100	16W	400 ± 15	190	490	95	-	60
FXBW4-20/40	20	40	16W	450 ± 15	280	600	170	-	75
FXBW4-20/70	20	70	16W	470 ± 15	280	750	170	-	75
FXBW4-20/100	20	100	16W	500 ± 15	280	750	170	-	75
FXBW4-20/120	20	120	16W	500 ± 15	280	750	170	-	75
FXBW5-35/70	35	70	16W	750 ± 15	530	1370	250	-	105
FXBW4-35/100	35	100	16W	680 ± 15	450	1300	230	-	95
FXBW5-35/100	35	100	16W	750 ± 15	530	1370	250	-	105
FXBW4-35/120	35	120	16W	680 ± 15	450	1300	230	-	95
FXBW4-66/70	66	70	16W	900 ± 15	700	1900	410	-	185
FXBW5-66/70	66	70	16W	1010 ± 15	780	2130	410	-	185
FXBW4-66/100	66	100	16W	940 ± 15	700	1900	410	-	185
FXBW5-66/100	66	100	16W	1010 ± 15	780	2130	410	-	185
FXBW4-66/120	66	120	16W	940 ± 15	700	1900	410	-	185
FXBW-110/70	110	70	16W	1200 ± 15	1000	3150	550	-	230
FXBW4-110/70-1420	110	70	16W	1420 ± 15	1200	3600	550	-	230
FXBW4-110/100	110	100	16W	1240 ± 15	1000	3150	550	-	230
FXBW4-110/100-1440	110	100	16W	1440 ± 15	1200	3600	550	-	230
FXBW4-110/120	110	120	16W	1240 ± 15	1000	3150	550	-	230
FXBW4-110/120-1440	110	120	16W	1440 ± 15	1200	3600	550	-	230
FXBW4-110/160	110	160	20R	2150 ± 30	1050	3600	550	-	230
FXBW4-110/160-1440	110	160	20R	2240 ± 30	1140	4200	550	-	230
FXBW3-220/70	220	70	16W	2150 ± 30	1900	6300	1000	-	395
FXBW4-220/70	220	70	16W	2240 ± 30	2000	6600	1000	-	395
FXBW3-220/100	220	100	16W	2470 ± 30	1900	6300	1000	-	395
FXBW4-220/100	220	100	16W	2240 ± 30	2000	6600	1000	-	395
FXBW5-220/100	220	100	16W	2470 ± 30	2150	6900	1000	-	395
FXBW4-220/120	220	120	16W	2240 ± 30	2000	6600	1000	-	395
FXBW4-220/160	220	160	20R	2240 ± 30	1900	6300	1000	-	395
FXBW5-220/160	220	160	20R	2470 ± 30	2150	6900	1000	-	395
FXBW4-220/180	220	180	20R	2240 ± 30	1900	6300	1000	-	395
FXBW5-220/180	220	180	20R	2470 ± 30	2150	6900	1000	-	395
FXBW4-220/210	220	210	20R	2240 ± 30	1900	6300	1000	-	395
FXBW5-220/210	220	210	20R	2270 ± 30	2150	6900	1000	-	395
FXBW3-330/100	330	100	16W	2930 ± 40	2600	9075	1425	950	570
FXBW4-330/100	330	100	16W	2990 ± 40	2600	9500	1425	950	570

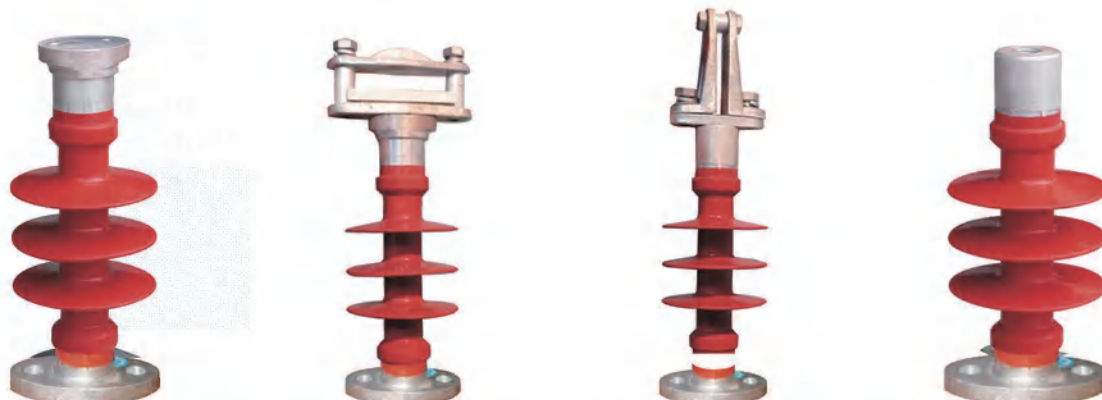
Composite Suspension Insulator

Type	Rated Voltage kV	Rated Mechanical Tensile strength kN	Connecting mark	Structure height (H) mm	Min arc creepage distance mm	Min normal creepage distance mm	Lighting impulse withstand voltage (peak)≥	Operation impulse withstand voltage Power Frequency Withstand Voltage(peak)≥	Power Frequency Withstand Voltage, 1 min≥kV
FXBW3-330/120	330	120	16W	2930 ± 40	2600	9075	1425	950	570
FXBW4-330/120	330	120	16W	2990 ± 40	2600	9500	1425	950	570
FXBW3-330/160	330	160	20R	2930 ± 40	2600	9075	1425	950	570
FXBW4-330/160	330	160	20R	2990 ± 40	2600	9500	1425	950	570
FXBW3-330/180	330	180	20R	2930 ± 40	2600	9075	1425	950	570
FXBW4-330/180	330	180	20R	2990 ± 40	2600	9500	1425	950	570
FXBW3-330/210	330	210	20R	2930 ± 40	2600	9075	1425	950	570
FXBW4-330/210	330	210	20R	2990 ± 40	2600	9500	1425	950	570
FXBW3-330/240	330	240	20R	2990 ± 40	2600	9075	1425	950	570
FXBW4-330/240	330	240	20R	3050 ± 40	2600	9500	1425	950	570
FXBW3-500/100	500	100	16W	4030 ± 50	3650	13750	2050	1240	740
FXBW3-500/100-4340	500	100	16W	4340 ± 50	3650	13750	2050	1240	740
FXBW4-500/100	500	100	16W	4450 ± 50	4000	14500	2250	1240	740
FXBW3-500/120	500	120	16W	4030 ± 50	3650	13750	2050	1240	740
FXBW3-500/120-4340	500	120	16W	4340 ± 50	3650	13750	2050	1240	740
FXBW4-500/120	500	120	16W	4450 ± 50	4000	14500	2250	1240	740
FXBW3-500/160	500	160	20R	4030 ± 50	3650	13750	2050	1240	740
FXBW3-500/160-4340	500	160	20R	4340 ± 50	3650	13750	2050	1240	740
FXBW4-500/160	500	160	20R	4450 ± 50	4000	15000	2250	1240	740
FXBW3-500/180	500	180	20R	4030 ± 50	3650	13750	2050	1240	740
FXBW3-500/180-4340	500	180	20R	4340 ± 50	3650	13750	2050	1240	740
FXBW4-500/180	500	180	20R	4450 ± 50	4000	15000	2250	1240	740
FXBW3-500/210	500	210	20R	4030 ± 50	3650	13750	2050	1240	740
FXBW3-500/210-4340	500	210	20R	4340 ± 50	3650	13750	2050	1240	740
FXBW4-500/210	500	210	20R	4450 ± 50	4000	15000	2250	1240	740
FXBW3-500/240	500	240	20R	4030 ± 50	3650	13750	2050	1240	740
FXBW3-500/240-4340	500	240	20R	4340 ± 50	3650	13750	2050	1240	740
FXBW4-500/240	500	240	20R	4450 ± 50	4000	15000	2250	1240	740
FXBW3-500/300	500	300	24R	4340 ± 50	3650	13750	2050	1240	740
FXBW4-500/300	500	300	24R	4450 ± 50	4000	15000	2250	1240	740
FXBW4-500/300-6460	500	300	24R	6460 ± 50	6000	15000	2250	1240	740
FXBW4-500/400	500	400	28R	4450 ± 50	4000	15000	2250	1240	740
FXBW4-750/160	750	160	20R	6650 ± 50	6000	21600	2700	1800	1125
FXBW4-750/210	750	210	20R	6650 ± 50	6000	21600	2700	1800	1125
FXBW4-750/240	750	240	20R	6650 ± 50	6000	21600	2700	1800	1125
FXBW4-750/300	750	300	24R	6650 ± 50	6000	21600	2700	1800	1125
FXBW4-750/400	750	400	28R	6650 ± 50	6000	21600	2700	1800	1125

COMPOSITE INSULATOR

composite post insulator

Type	Rated Voltage kV	Rated bending load kN	Structure height (H) mm	Min arc distance mm	Min normal creepage distance mm	Full-wave lightning impulse withstand voltage kV	1 min power frequency dry/wet withstand voltage kV	(Hole number x hole diameter - hole center to circle center distance)		Figure no	Reference weight
								Top install hole size	Bottom instal hole size		
FZN4-12/4-M10	12	4	230 ± 3	125	330	75	30	M10	2 × φ 14- φ 76	1	0.8
FZN4-12/4-M16	12	4	230 ± 3	125	330	75	30	M16	2 × φ 14- φ 76	1	0.8
FZSW4-12/4-2 × M8	12	4	230 ± 3	125	330	75	30	2 × M8- φ 36	4 × M12- φ 76	2	1.4
FZSW4-12/4L-IEC	12	4	215 ± 3	125	330	75	30	4 × M12- φ 76	4 × M12- φ 76	3	1.8
FZSW4-12/8	12	8	265 ± 3	155	430	75	30	4 × M12- φ 140	4 × φ 14- φ 140	3	4.6
FZSW4-24/8L-IEC	24	8	310 ± 3	200	540	150	60	4 × M12- φ 76	4 × M12- φ 76	4	2.9
FZSW4-24/8	24	8	310 ± 3	200	540	150	60	4 × M12- φ 140	4 × φ 14- φ 140	4	4.7
FZSW4-24/10	24	10	310 ± 3	200	540	150	60	4 × M12- φ 140	4 × φ 14- φ 140	4	5.2
FZSW4-24/16	24	16	310 ± 3	200	732	150	60	4 × M12- φ 140	4 × φ 14- φ 140	5	5.8
FZSW3-40.5/6L(IEC)	40.5	6	445 ± 3	340	920	200	80	4 × M12- φ 76	4 × M12- φ 76	6	3.6
FZSW3-40.5/6	40.5	6	445 ± 3	340	920	200	80	4 × M12- φ 140	4 × φ 14- φ 140	6	5.5
FZSW4-40.5/10L	40.5	10	450 ± 3	340	1260	200	80	4 × M12- φ 140	4 × M12- φ 140	6	7.1
FZSW3-40.5/16L	40.5	16	500 ± 3	370	1085	200	80	4 × M12- φ 140	4 × M12- φ 140	6	7.6
FZSW3-40.5/6-475(IEC)	40.5	6	475 ± 3	370	1020	200	80	4 × M12- φ 76	4 × φ 14- φ 76	6	5.5
FZSW3-40.5/6-475	40.5	6	475 ± 3	370	1020	200	80	4 × M12- φ 140	4 × φ 14- φ 140	6	5.5
FZSW3-40.5/8-475	40.5	8	475 ± 3	370	1020	200	80	4 × M12- φ 140	4 × φ 14- φ 140	6	6.0
FZSW4-40.5/10-475	40.5	10	475 ± 3	370	1260	200	80	4 × M12- φ 140	4 × φ 14- φ 140	6	7.1
FZSW4-72.5/4L	72.5	4	790 ± 3	650	2400	350	160	4 × M12- φ 140	4 × M12- φ 140	7	10.1
FZSW3-72.5/6L	72.5	6	770 ± 3	650	1850	350	160	4 × M12- φ 140	4 × M12- φ 140	7	13.2
FZSW3-72.5/8	72.5	8	770 ± 3	600	1850	350	160	4 × M12- φ 140	4 × φ 14- φ 140	7	16.2
FZSW3-72.5/8L-790	72.5	8	790 ± 3	650	1850	350	160	4 × M12- φ 140(Al alloy)	4 × M12- φ 140(Al alloy)	7	11.4
FZSW3-72.5/10	72.5	10	770 ± 3	600	1950	350	160	4 × M12- φ 140	4 × φ 14- φ 140	7	18.5
FZSW3-72.5/12.5	72.5	12.5	770 ± 3	600	1950	350	160	4 × M12- φ 140	4 × φ 14- φ 140	7	20.1
FZSW4-126/4	126	4	1220	1080	3510	550	230	4 × M12- φ 140	4 × φ 14- φ 140	8	11.9
FZSW3-126/8	126	8	1220 ± 3	1050	3150	550	230	4 × M12- φ 140	4 × φ 14- φ 140	8	22.5
FZSW3-126/10	126	10	1220 ± 3	1050	3150	550	230	4 × M12- φ 140	4 × φ 14- φ 140	8	22.5
FZSW3-126/12.5	126	12.5	1220 ± 3	1050	3500	550	230	4 × M12- φ 140	4 × φ 14- φ 140	8	27.5
FZSW3-126/16	126	16	1220 ± 3	1010	3500	550	230	4 × M16- φ 225	8 × φ 20- φ 225	8	50.5
FZSW3-252/6K	252	6	2300 ± 5	2070	6300	1050	460	4 × φ 14- φ 140	8 × φ 20- φ 225	9	54.3
FZSW3-252/8	252	8	2300 ± 5	2000	6700	1050	460	4 × M16- φ 225	8 × φ 20- φ 225	10	75.3



composite pin insulator

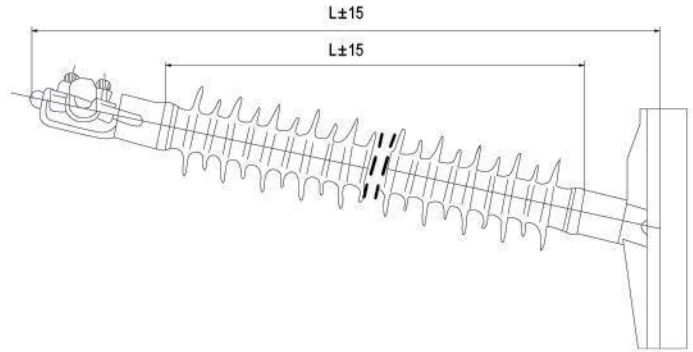

For glass steel cross arm

For wooden cross arm

Energy-saving engineering plastic gland

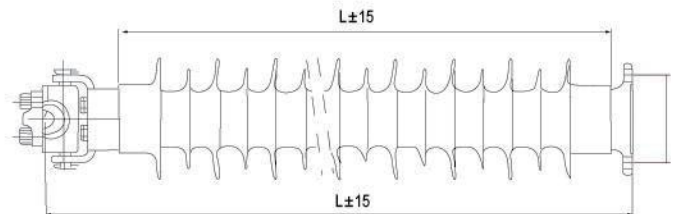
Type	Rated Voltage kV	Rated bending load kN	Sprindle Screw Dia x Length (mm)	Clamp Range (mm)	Structure Height (mm) ± 10	Min arc distance mm	Min normal creepage distance mm	Full-wave Lightning Impulse withstand voltage kV	1 min Power Frequency Dry/wet Withstand Voltage kV	Correspond to Other Different Type Specification
FPQ4-1/3T16	1 ~ 3	3	16 × 40	φ 10 ~ φ 24	155	85	180	45	18	
FPQ3-10/4T16	6 ~ 10	4	16 × 40	φ 16 ~ φ 30	210	130	320	95	42	
FPQ3-10/5T18	6 ~ 10	5	18 × 40	φ 16 ~ φ 30	210	130	320	95	42	
FPQ310/6T20-R12	6 ~ 10	6	20 × 40	φ 16 ~ φ 30	210	130	320	95	42	
FPQ3-10/6T20	6 ~ 10	6	20 × 40	φ 16 ~ φ 30	210	130	320	95	42	FPW-10/3
FPQ4-10/3T16	10 ~ 15	3	16 × 40	φ 16 ~ φ 30	245	170	460	105	50	FPW-10/3
FPQ4-10/4T18	10 ~ 15	4	18 × 40	φ 16 ~ φ 30	245	170	460	105	50	FPW-10/3
FPQ4-10/5T20	10 ~ 15	5	20 × 40	φ 16 ~ φ 30	245	170	460	105	50	
FPQ4-10/3T20	10 ~ 15	3	20 × 40	φ 16 ~ φ 30	330	260	700	105	50	
FPQ4-20/5T20	20	5	20 × 40	≤ φ 36 Conductor	300	215	600	150	65	
FPQ3-20/12.5T22	20	12.5	22 × 45	≤ φ 36 Conductor	325	230	650	150	60	
FPQ4-20/12.5T22	20	12.5	22 × 45	≤ φ 36 Conductor	370	275	775	170	70	
FPQ3-35/3T20	35	3	20 × 45	φ 16 ~ φ 30	400	320	835	210	90	
FPQ3-35/6T22	35	6	22 × 45	≤ φ 36 Conductor	450	370	1015	230	95	
FPQ4-35/6T22	35	6	22 × 45	≤ φ 36 Conductor	480	370	1260	230	95	

Horizontal Line Post Insulator



Code No	Rated Voltage	Specified Mechanical	Section Length	Min Arc Distance	Leakage Distance	Lightning Impulse Withstand BIL(KV)	Power Frequency Withstand(wet) (KV)
FHLP-12	10-15	12.5	380	148	355	75	42
FHLP-24	24-27	8/12	485	300	850	150	65
FHLP-35	35-38	6/8/12	555	369	1050	185	95
FHLP-66	66-72	6/8/12	960	650	1800	410	185
FHLP-132	110-145	6/8/12	1450	1210	3210	600	300

Vertical line post Composite Insulator



Code No	Rated Voltage	Specified Mechanical	Section Length	Min Arc Distance	Leakage Distance	Lightning Impulse Withstand BIL(KV)	Power Frequency Withstand(wet) (KV)
FLPW2-12	10-15	12.5	283	148	355	75	42
FLPW2-24	24-27	8/12	435	300	850	150	65
FLPW2-35	35-38	6/8/12	505	369	1050	185	95
FLPW2-66	66-72	6/8/12	845	710	1720	410	185
FLPW2-132	110-145	6/8/12	1345	1210	3210	600	300



Arrester

Drop out fuse cutout

Drop out fuse cutouts and load switching fuse cutouts are for outdoor used high voltage protective device. To be connected with incoming feeder of distributing transformer or distribution lines it mainly protect transformer or lines from short circuit and overload, and on/off loading current.

Drop out fuse cutout is composed of insulator supports and fuse tube. Static contacts are fixed on two sides of insulator support and moving contact is installed on two ends of fuse tube. Fuse tube is composed of inside arc-extinguishing tube, outer phenolic compound paper tube or epoxy glass tube.

Load switch fuse cutout provides enforced elastic auxiliary contacts and arc-extinguishing enclosure for switching on/off loading current.

At normally working via fuse link tightened the fuse tube is fixed

to form up of close position. In case system current faults, fault current result in fuse melt immediately and take place electric arc, which let arc-extinguishing tube being heated and explode a lot of gas. This will produce high pressure and blow off the arc along the tube. After fuse link melt, moving contact has no lighted strength again, mechanism is locked and fuse tube drop out. Cutout now is in open position. When it needs to switch off during cutout loading, operator shall via insulating operating bar pull the moving contact, at its beginning main contact and auxiliary static contacted still. While pulling the auxiliary contacts there occur electric arc and the arc will be lengthened in arc-extinguishing enclosure gap and meanwhile arc-extinguishing explode gas to blow off the arc during current passing zero.

Parallel-groove connector

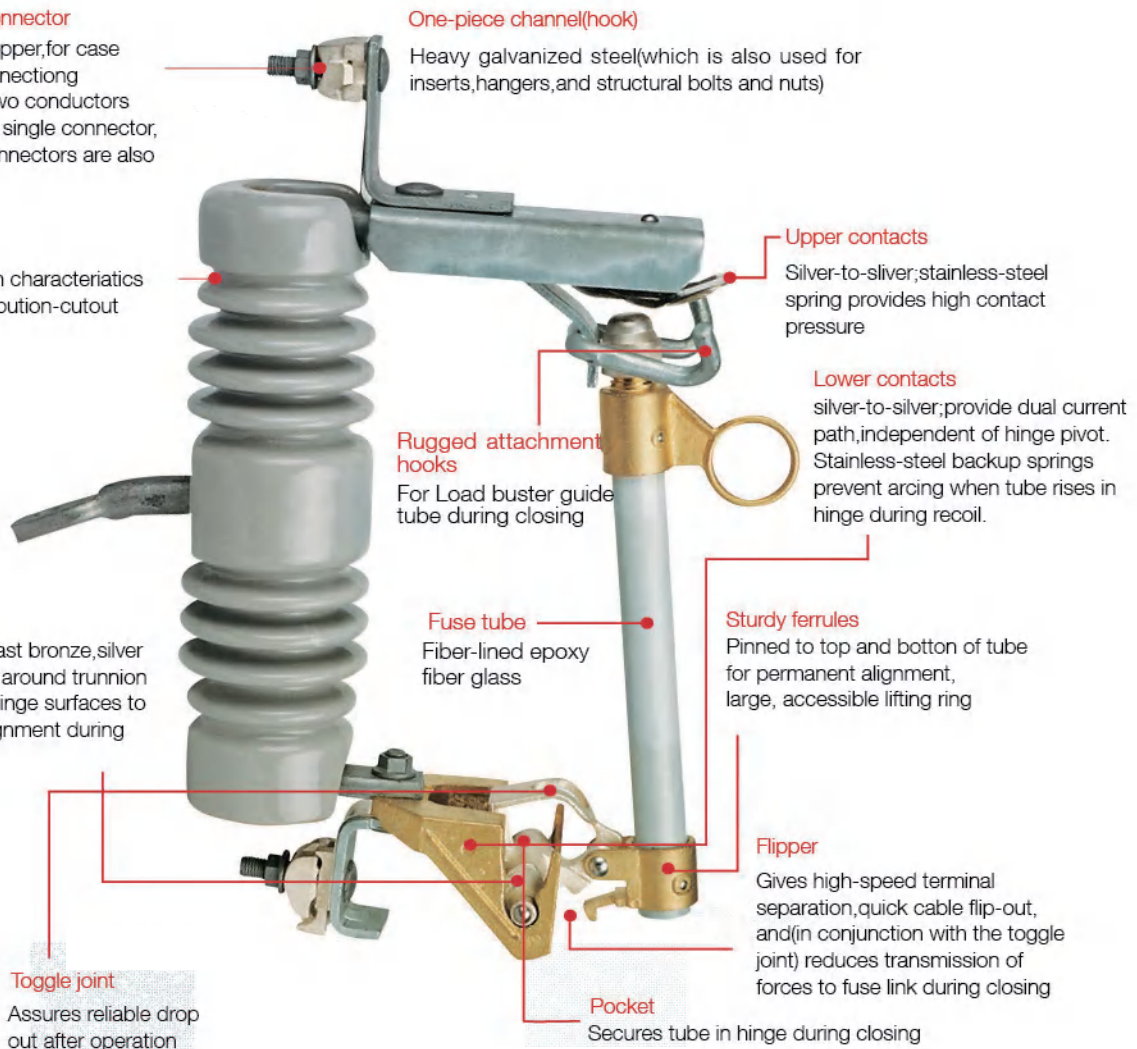
Tin plated cast copper, for case of conductor connection accommodates two conductors of unlike size in a single connector. Other styles of connectors are also available.

Insulator

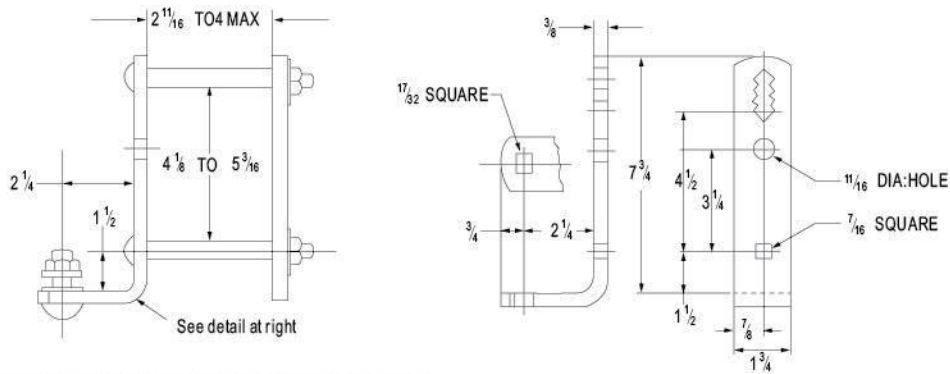
Higher insulation characteristics than ANSI distribution-cutout standards.

Trunnion

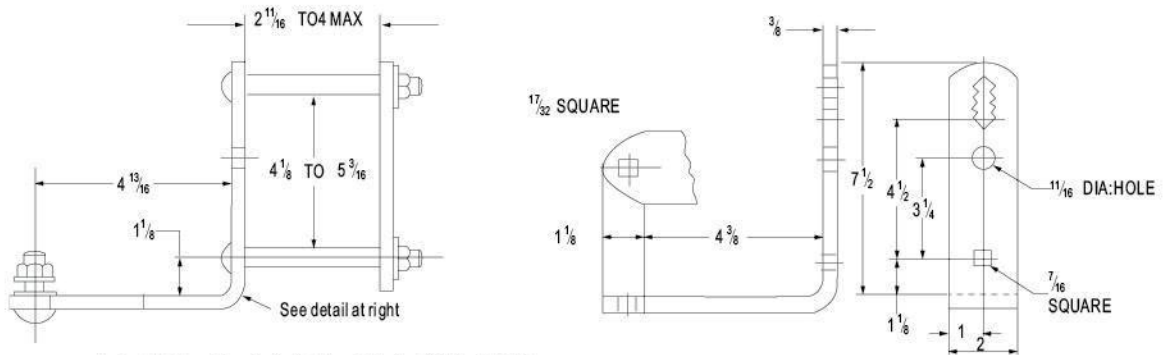
High-strength cast bronze, silver plated. Surfaces around trunnion bear on broad hinge surfaces to keep tube in alignment during closing.



Drop out fuse cutout



NEMA Type B Mounting Bracket-Adjustable for 3"X4" to 4"x5" Crossarm



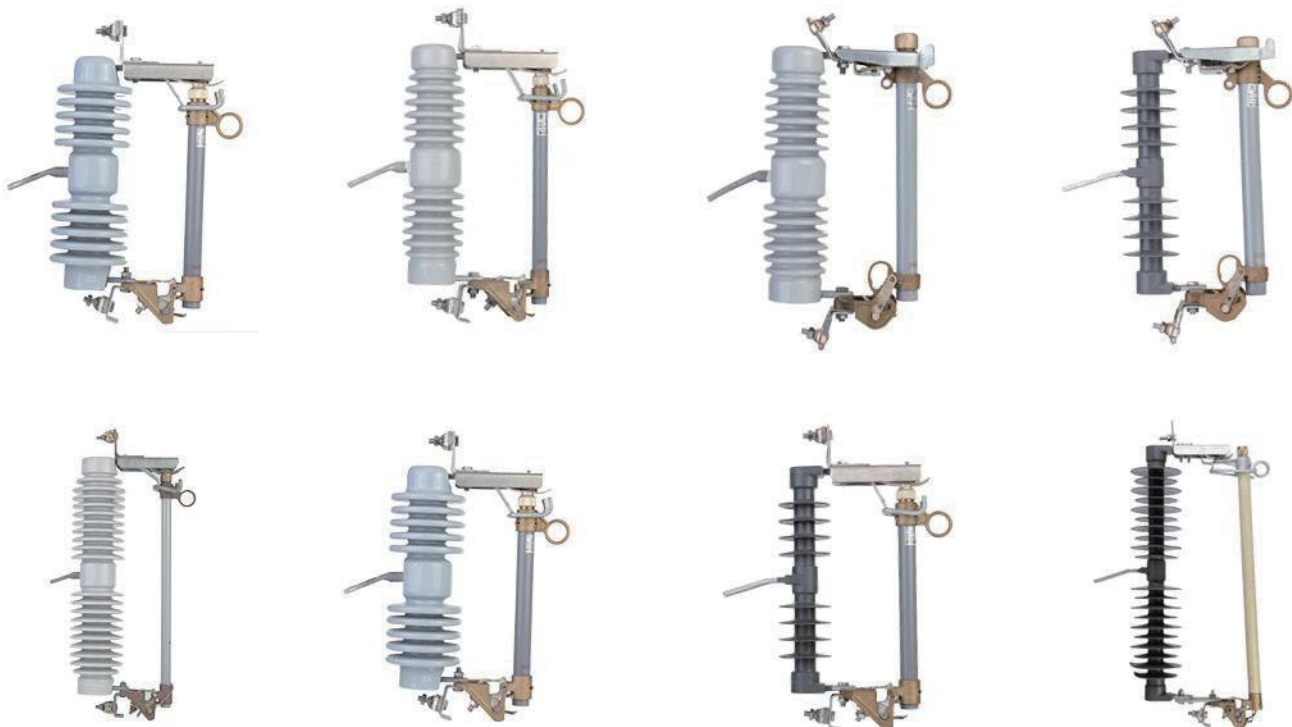
Extended Mounting Bracket-Adjustable for "X4" to 4"x5" Crossarm

Porcelain Fuse Cut out

Rated voltage(kV)	Rated current (A)	Breaking Current (A)	Impulse voltage (BIL)	Power frequency Withstand voltage (kV)	Leakage Distance (mm)	Weight (kg)	
11kV	c	100	6000	110	42	340	8
		200	8000	110	42	340	8
15kV	a	100	10000	110	40	220/260	7.3/8.5
		200	12000	110	40	220/260	7.3/8.5
	b	100	8000	110	40	300/340	7.5
		200	10000	110	40	300/340	7.5
	c	100	10000	125	45	320	8.5/12
		200	12000	125	45	320	8.5/12
24kV	100	8000	150	65	530	12	
	200	10000	150	65	530	12	
27kV	100	6000	150	65	470	13	
	200	10000	150	65	470	13	
33kV	100	6000	170	70	660/720/820	15/15.5/28.5	
	200	8000	170	70	660/720/820	15/15.5/28.5	
38kV	100	6000	170	70	870	16	
	200	8000	170	70	870	16	

Polymer Fuse Cut out

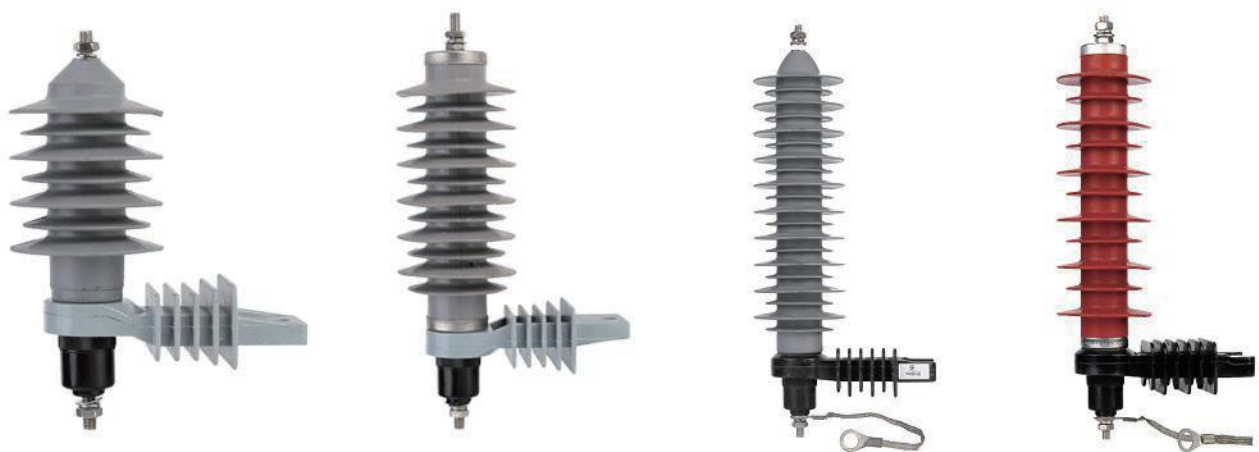
Rated voltage(kV)		Rated current (A)	Breaking Current (A)	Impulse voltage (BIL)	Power frequency Withstand voltage (kV)	Leakage Distance (mm)
15kV	a	100	8000	110	40	350
		200	10000	110	40	350
	b	100	10000	110	40	380
		200	12000	110	40	380
24kV	c	100	6000	150	65	620
		200	8000	150	65	620
	d	100	6000	150	65	650/800
		200	8000	150	65	650/800
27kV	f	100	6000	170	70	620
		200	8000	170	70	620
33 kV	a	100	6000	170	70	680
		200	8000	170	70	680
	b	100	6000	180	75	1070
		200	8000	180	75	1070
36kV		100	6000	180	75	820
		200	8000	180	75	820



Polymeric Housed Metal-oxide Surge Arrester Without Gaps Nominal Discharge Current 5kA/10kA

Technical Parameters

Type	Moa Rated Voltage	Mcov	1/10 μ s Steep current impulse	8/20 μ s Lightning current impulse	30/60 μ s Switching current impul	2ms Pectangular current impulse withstand	4/10 High current im pulse withstand
	KV(r.m.s)						
HY5W-3	3	2.55	11.3	9	8.9	150	65
HY5W-6	6	5.1	22.6	18	16.8	150	65
HY5W-9	9	7.65	33.7	27	23.8	150	65
HY5W-10	10	8.4	36	30	26.4	150	65
HY5W-11	11	9.4	40	33	30	150	65
HY5W-12	12	10.2	42.2	36	31.7	150	65
HY5W-15	15	12.7	51	45	38.5	150	65
HY5W-18	18	15.3	61.5	54	46.2	150	65
HY5W-21	21	17.0	71.8	63	54.2	150	65
HY5W-24	24	19.5	82	72	62	150	65
HY5W-27	27	22.0	92	81	69.8	150	65
HY5W-30	30	24.4	102	90	79	150	65
HY5W-33	33	27.5	112	99	86.7	150	65
HY5W-36	36	29.0	123	108	92.4	150	65
HY10W-3	3	2.55	11.3	9	8.9	250	100
HY10W-6	6	5.1	22.6	18	16.8	250	100
HY10W-9	9	7.65	33.7	27	23.8	250	100
HY10W-10	10	8.4	36	30	26.4	250	100
HY10W-11	11	9.4	40	33	30	250	100
HY10W-12	12	10.2	42.2	36	31.7	250	100
HY10W-15	15	12.7	51	45	38.5	250	100
HY10W-18	18	15.3	61.5	54	46.2	250	100
HY10W-21	21	17.0	71.8	63	54.2	250	100
HY10W-24	24	19.5	82	72	62	250	100
HY10W-27	27	22.0	92	81	69.8	250	100
HY10W-30	30	24.4	102	90	79	250	100
HY10W-33	33	27.5	112	99	86.7	250	100
HY10W-36	36	29.0	123	108	92.4	250	100



Drop-out Fuse

**Porcelain Housed Metal-oxide Surge Arrester With series Gaps Nominal Discharge Current 5kA/10 kA****Technical Parameters**

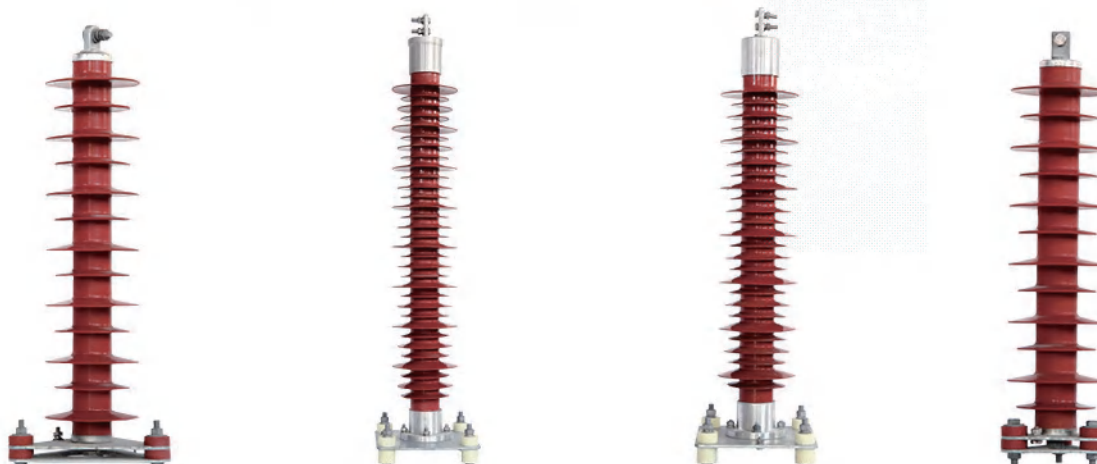
Type	Moa Rated Voltage	Mcov	Power frequency discharge voltage	1.2/50 μ s Impulse discharge voltage	8/20 μ s Lightning current impulse	2ms Pectangular current impulse withstand (A)	4/10 High current impulse withstand (KA)
	kV(r.m.s)		kV(r.m.s)	\geq kV(r.m.s)	\leq kV(crest)	\leq kV(crest)	kV(crest)
Y5C-3	3	2.55	5.5	9	9	100	65
Y5C-6	6	5.1	11	18	18	100	65
Y5C-9	9	7.65	16	27	27	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-18	18	15.3	33	54	54	100	65
Y5C-21	21	17.0	36	63	63	100	65
Y5C-24	24	19.5	40	72	72	100	65
Y5C-27	27	22.0	45	81	81	100	65
Y5C-30	30	24.4	50	90	90	100	65
Y5C-33	33	27.5	56	99	99	100	65
Y5C-36	36	29.0	61	108	108	100	65
Y10C-3	3	2.55	5.5	9	9	200	100
Y10C-6	6	5.1	11	18	18	200	100
Y10C-9	9	7.65	16	27	27	200	100
Y10C-10	10	8.4	18	30	30	200	100
Y10C-12	12	10.2	22	36	36	200	100
Y10C-15	15	12.7	26	45	45	200	100
Y10C-18	18	15.3	33	54	54	200	100
Y10C-21	21	17.0	36	63	63	200	100
Y10C-24	24	19.5	40	72	72	200	100
Y10C-27	27	22.0	45	81	81	200	100
Y10C-30	30	24.4	50	90	90	200	100
Y10C-33	33	27.5	56	99	99	200	100
Y10C-36	36	29.0	61	108	108	200	100



Polymeric Housed Metal-oxide Surge Arrester Without Gaps Nominal Discharge Current 5kA/10 kA

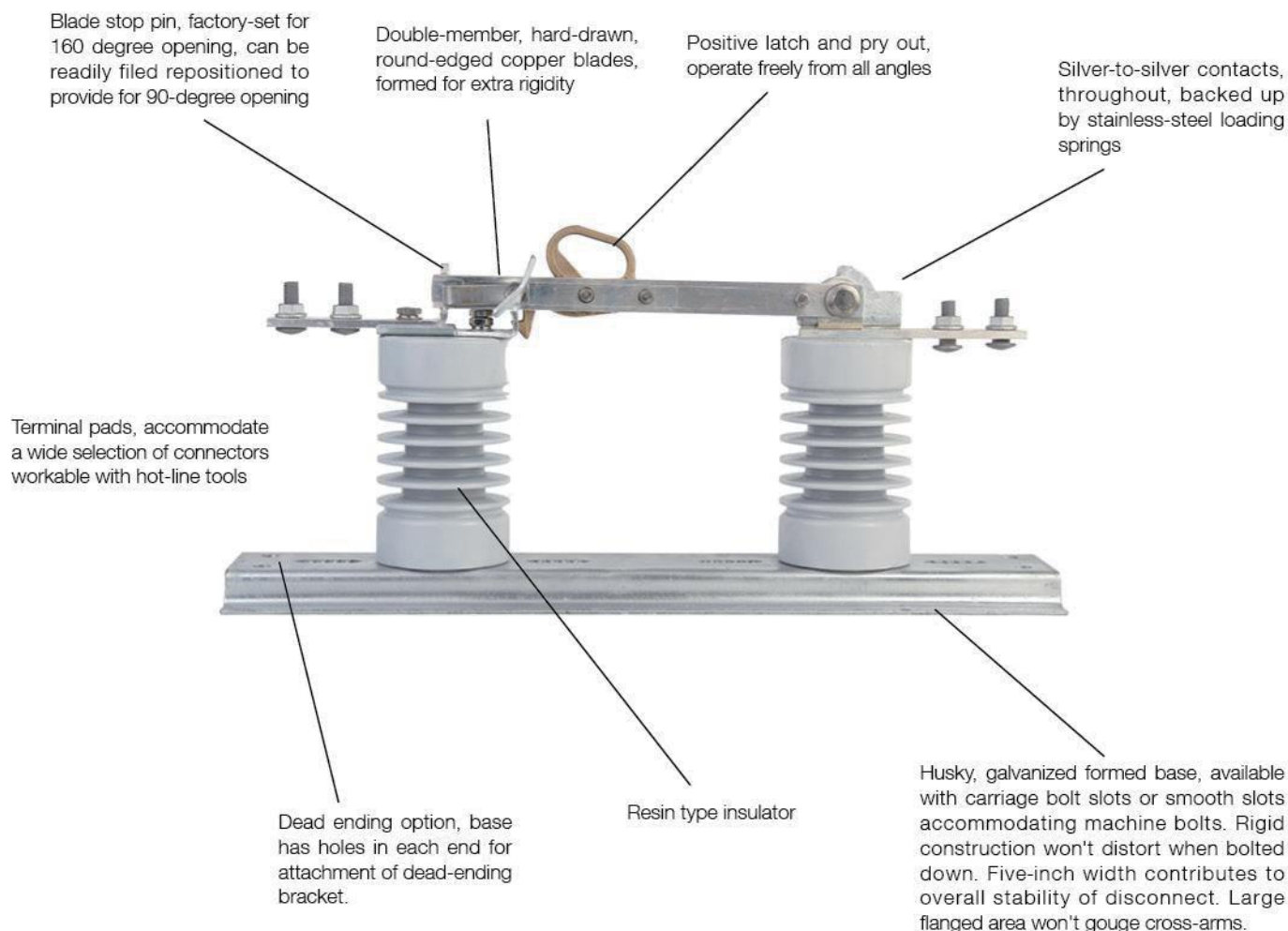
Substation Type

Type	Sys. Rated Voltage	MOA Rated Voltage	MCOV	DC Reference Voltage (U1mA)	1/10 μ s Steep current impulse	8/20 μ s Lightning current impulse	30/60 μ s Switching current impulse	2ms Rectangular current impulse	4/10 μ s High current impulse withstand	Height
	kV(r.m.s)				> kV					
HY5WZ-5/13.5	3	5	4.0	7.5	15.5	13.5	11.5	150	65	-
HY5WZ-10/27	6	10	8.0	15.0	31.0	27	23.0	150	65	-
HY5WZ-17/45	10	17	13.6	24.0	51.5	45	38.3	150	65	-
HY5WZ-26/66	20	26	20.8	37	76	66	56	150	65	-
HY5WZ-34/85	50	34	27.2	48	95	85	75	150	65	-
YH5WZ-51/134	35	51	40.8	73	154	134	114	400	100	595
YH5WZ-52.7/134	35	52.7	42	75	154	134	114	400	100	595
YH5WZ-54/134	35	54	43.2	77	154	134	114	400	100	595
YH5WZ-51/134G	35	51	40.8	73	154	134	114	400	100	685
YH5WZ-54/134G	35	54	43.2	77	154	134	114	400	100	685
YH5WZ-51/134E	35	51	40.8	73	154	134	114	400	100	695
YH5WZ-52.7/134E	35	52.7	42	75	154	134	114	400	100	695
YH5WZ-54/134E	35	54	43.2	77	154	134	114	400	100	695
YH5WZ-51/134J	35	51	40.8	73	154	134	114	400	100	695
YH5WZ-52.7/134J	35	52.7	42	75	154	134	114	400	100	695
YH5WZ-54/134J	35	54	43.2	77	154	134	114	400	100	695
YH5WZ-75/125	66	75	60	127	248	215	183	400	100	
YH5WZ-90/224	66	90	72.5	130	258	224	190	400	100	
YH10WZ-75/250	66	75	60	127	288	250	213	600	100	
YH10WZ-75/223	66	75	60	127	256	223	190	600	100	
YH10WZ-75/230	66	75	60	127	265	230	196	600	100	
YH10WZ-90/224	66	90	72.5	130	258	224	190	600	100	
YH10WZ-90/232	66	90	72.5	130	266	232	198	600	100	
YH10WZ-90/235	66	90	72.5	130	270	235	201	600	100	
HY10W-96/250	110	96	76.8	140	280	250	212	600	100	
HY10W-100/260	110	100	78.0	145	280	260	221	600	100	
HY10W-108/281	110	108	84.0	157	314	281	239	600	100	
HY10W-192/500	220	192	150	280	560	500	424	800	100	
HY10W-200/520	220	200	156	292	582	520	442	800	100	
HY10W-216/562	220	216	169	314	628	562	477	800	100	

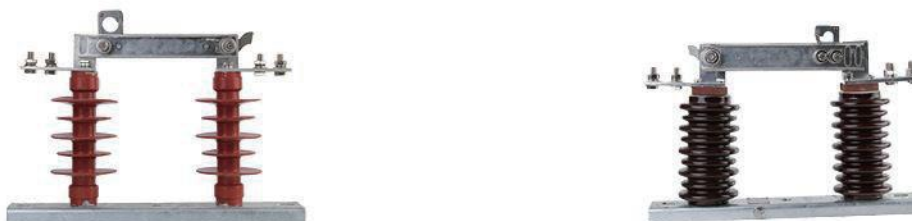


HV Disconnecting Switch

Branch Feeder Style Disconnects



High-voltage Disconnecting Switch



Type	HGW9-10W/400	HGW9-10W/630	HGW9-15W/400	HGW9-15W/630
Rated Voltage kV	12	12	15	15
Rated Current A	400	630	400	630
4S Heat Steady e.c.A	12500	12500	12500	12500
Shock Voltage A	31500	31500	31500	31500
Impulse withstand Voltage	To Earth	75	75	75
	Across the isolating distance kV	85	85	85
Power-frequency withstand Voltage	To Earth	38	38	38
	Across the isolating distance kV	42	42	42

Manufacture by GULIFA

ROCKGRAND electric