

Outdoor High-voltage Switch Disconnecter

Outdoor High-voltage Isolate Switch

The new product is coming soon

Outdoor High-voltage Switch Disconnecter

Outdoor High-voltage Isolate Switch

Outdoor High-voltage Isolate Switch

• Application

The "GW9-10G" type of outdoor high voltage isolate switch is the high voltage switch equipment of single phase AC 50Hz. The product is suitable for power system with rated voltage 10kV to make or break power supply under circumstances of with voltage and nonload.

The isolator is adopts isolated hook rod to operated.

Normal service conditions

- 1.The altitude does not exceed 1000m;
- 2.The ambient air temperature:Maximum +40℃;Minimum:General Area -30℃,Paramos -40℃;
- 3.The wind pressure does not exceed 700Pa.(corresponding to 34m/s wind speed);
- 4.The earthquake intensity does not exceed 8 degrees;
- 5.The working situation is without frequent violent vibration;
- 6.The installation site of ordinary type isolator should be kept away from gas, smoke, chemical deposition, salt-spray fog, dust and other explosive and corrosive matters that affect seriously insulation and conduction capability of the isolator.
- 7.Pollution-proof type isolator is applies to severe filthy conduction area, however, it shouldn't be any explosive matters and matters causing fire.

• Overall and Installation Dimension

The isolator can be installed vertically or slant. Please see figure for overall and installation dimension

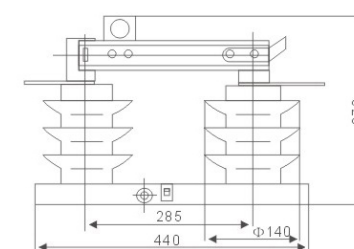


Fig 1 GW9-10(W)/⁴⁰⁰/₆₃₀ Overall Dimension
(*The support insulator diameter of the pollution proof type in Φ)

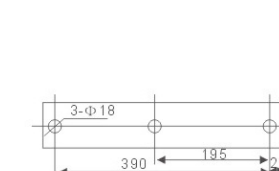


Fig 2 Mounting Hole Dimension

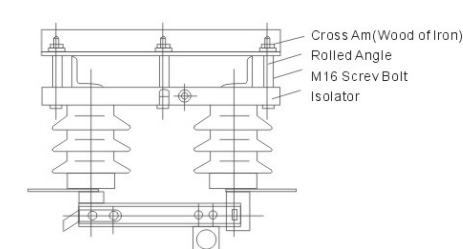
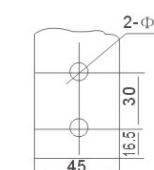
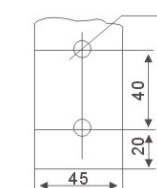
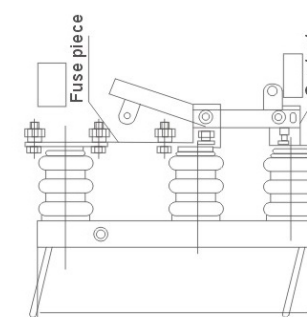


Fig 3 Installation of Isolator

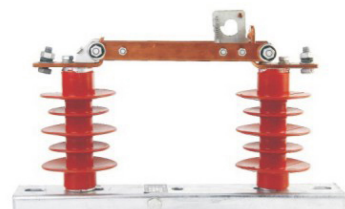
Please see Fig for Overall dimension of type GWR1-0.5-600 low voltage fuse type isolator outdoor



Outdoor High-voltage Switch Disconnecter

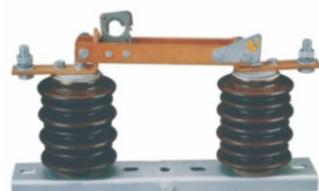
GW9-□(W) Series Outdoors High-voltage Disconnecting Switch

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HGW9-12(W)kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HGW9-12/200	12	200	12500	31500	75	85	38	42
HGW9-12/400	12	400	12500	31500	75	85	38	42
HGW9-12/600	12	600	12500	31500	75	85	38	42
HGW9-12/800	12	800	12500	31500	75	85	38	42
HGW9-12/1000	12	1000	12500	31500	75	85	38	42
HGW9-12/1200	12	1250	12500	31500	75	85	38	42



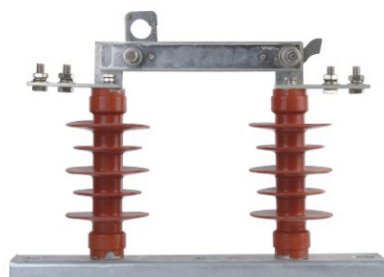
GW9-12(W)kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
GW9-12/200	12	200	12500	31500	75	85	38	42
GW9-12/400	12	400	12500	31500	75	85	38	42
GW9-12/600	12	600	12500	31500	75	85	38	42
GW9-12/800	12	800	12500	31500	75	85	38	42
GW9-12/1000	12	1000	12500	31500	75	85	38	42
GW9-12/1200	12	1250	12500	31500	75	85	38	42



GW9-15kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
GW9-15/200	15	200	12500	31500	75	85	38	42
GW9-15/400	15	400	12500	31500	75	85	38	42
GW9-15/600	15	600	12500	31500	75	85	38	42
GW9-15/800	15	800	12500	31500	75	85	38	42
GW9-15/1000	15	1000	12500	31500	75	85	38	42
GW9-15/1200	15	1250	12500	31500	75	85	38	42



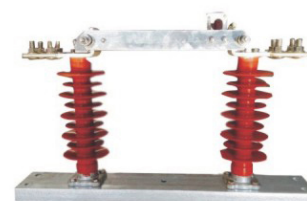
HGW9-12T

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HGW9-12T/400	12	400	12500	31500	75	85	38	42
HGW9-12T/600	12	600	12500	31500	75	85	38	42
HGW9-12T/800	12	800	12500	31500	75	85	38	42
HGW9-12T/1000	12	1000	12500	31500	75	85	38	42
HGW9-12T/1200	12	1250	12500	31500	75	85	38	42

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HGW9-24kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HGW9-24/400	24	400	12500	31500	75	85	38	42
HGW9-24/600	24	600	12500	31500	75	85	38	42
HGW9-24/800	24	800	12500	31500	75	85	38	42
HGW9-24/1000	24	1000	12500	31500	75	85	38	42
HGW9-24/1200	24	1250	12500	31500	75	85	38	42



GWD1-15kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage (kV)	Power-frequency withstand Voltage (kV)
GWD1-15	15	630	20	50	125	45



GWD2-15kV

Maximum voltage (kV)	BIL (kV)	Nominal current (A)	Transient current (kA/1s)	Dimensions			
				A	B	C	D
15	95	200/630	16	305	270	580	186
15	95	630	25	305	313	595	230
15	110	200/630	16	381	270	650	186
15	110	630	25	381	313	670	230
27	125	200/630	16	381	310	650	228
27	125	630	25	381	340	670	260
36	150	630	25	381	368	670	290
36	170	630	25	381	400	670	316



GW10-15kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage (kV)	Power-frequency withstand Voltage (kV)
GW10	15	400	14	40	150	65
GW10	15	630	20	50	150	65

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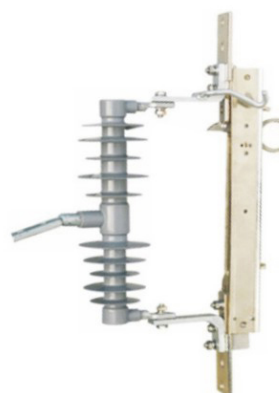
GWXY10-15kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage (kV)	Power-frequency withstand Voltage (kV)
GWXY10	15	630	20	50	125	45



GW11-24kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage (kV)	Power-frequency withstand Voltage (kV)
GW11	24	400	14	40	150	65
GW11	24	630	20	50	150	65

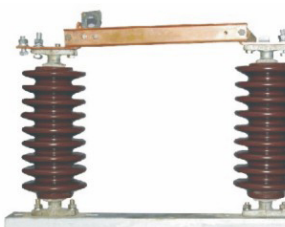


(H)GW11-24kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse withstand voltage		Power-frequency withstand Voltage	
					Relatively earth	Between fracture	Relatively earth	Between fracture
GW9-15G/400	15	400	12500	31500	75	85	38	42
GW9-15G/630	15	630	12500	31500	75	85	38	42
GW9-24G/400	15	400	12500	31500	105	115	65	70
GW9-24G/630	15	630	12500	31500	105	115	65	70

GW12-33kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage (kV)	Power-frequency withstand Voltage (kV)
GW12	35	400	14	40	170	70
GW12	35	630	20	50	170	70



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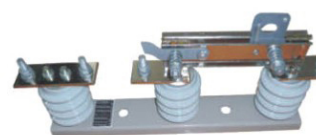
JDW3-0.5(G) Series Low-voltage Disconnecting Switch

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JDW3-0.5kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage (kV)		Power-frequency withstand Voltage (kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
JDW3-0.5/200	0.5	200	12500	31500	4	5	2	3
JDW3-0.5/400	0.5	400	12500	31500	4	5	2	3
JDW3-0.5/630	0.5	630	12500	31500	4	5	2	3
JDW3-0.5/800	0.5	800	12500	31500	4	5	2	3
JDW3-0.5/1000	0.5	1000	12500	31500	4	5	2	3



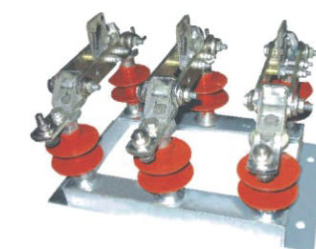
JDW3-0.5GkV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage (kV)		Power-frequency withstand Voltage (kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
JDW3-0.5G/200	0.5	200	12500	31500	4	5	2	3
JDW3-0.5G/400	0.5	400	12500	31500	4	5	2	3
JDW3-0.5G/630	0.5	630	12500	31500	4	5	2	3
JDW3-0.5G/800	0.5	800	12500	31500	4	5	2	3
JDW3-0.5G/1000	0.5	1000	12500	31500	4	5	2	3



JDW3-0.5GkV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage (kV)		Power-frequency withstand Voltage (kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
JDW3-0.5G/200	0.5	200	12500	31500	4	5	2	3
JDW3-0.5G/400	0.5	400	12500	31500	4	5	2	3
JDW3-0.5G/630	0.5	630	12500	31500	4	5	2	3
JDW3-0.5G/800	0.5	800	12500	31500	4	5	2	3
JDW3-0.5G/1000	0.5	1000	12500	31500	4	5	2	3



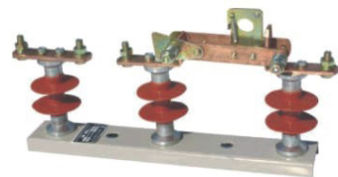
HJDW2-0.5kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage (kV)		Power-frequency withstand Voltage (kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HJDW2-0.5/200	0.5	200	12500	31500	4	5	2	3
HJDW2-0.5/400	0.5	400	12500	31500	4	5	2	3
HJDW2-0.5/630	0.5	630	12500	31500	4	5	2	3
HJDW2-0.5/800	0.5	800	12500	31500	4	5	2	3
HJDW2-0.5/1000	0.5	1000	12500	31500	4	5	2	3

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HJDW3-0.5kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HJDW3-0.5/200	0.5	200	12500	31500	4	5	2	3
HJDW3-0.5/400	0.5	400	12500	31500	4	5	2	3
HJDW3-0.5/630	0.5	630	12500	31500	4	5	2	3
HJDW3-0.5/800	0.5	800	12500	31500	4	5	2	3
HJDW3-0.5/1000	0.5	1000	12500	31500	4	5	2	3

HJDW3-0.5GkV

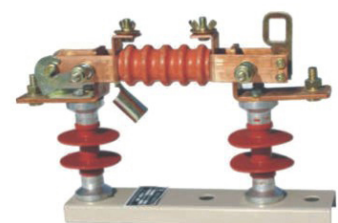
Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HJDW2-0.5G/200	0.5	200	12500	31500	4	5	2	3
HJDW2-0.5G/400	0.5	400	12500	31500	4	5	2	3
HJDW2-0.5G/630	0.5	630	12500	31500	4	5	2	3
HJDW2-0.5G/800	0.5	800	12500	31500	4	5	2	3
HJDW2-0.5G/1000	0.5	1000	12500	31500	4	5	2	3

JDW5-0.5kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
JDW5-0.5/200	0.5	200	12500	31500	4	5	2	3
JDW5-0.5/400	0.5	400	12500	31500	4	5	2	3
JDW5-0.5/630	0.5	630	12500	31500	4	5	2	3
JDW5-0.5/800	0.5	800	12500	31500	4	5	2	3
JDW5-0.5/1000	0.5	1000	12500	31500	4	5	2	3

HJDW6-0.5GkV

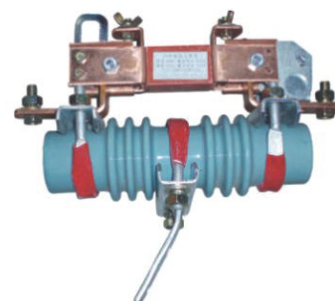
Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HJDW6-0.5G/200	0.5	200	12500	31500	4	5	2	3
HJDW6-0.5G/400	0.5	400	12500	31500	4	5	2	3
HJDW6-0.5G/630	0.5	630	12500	31500	4	5	2	3
HJDW6-0.5G/800	0.5	800	12500	31500	4	5	2	3
HJDW6-0.5G/1000	0.5	1000	12500	31500	4	5	2	3



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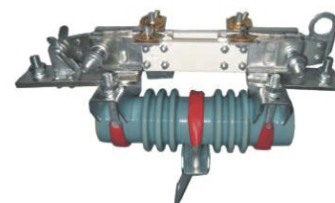


HRWK-0.5kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HRWK-0.5/200	0.5	200	12500	31500	4	5	2	3
HRWK-0.5/400	0.5	400	12500	31500	4	5	2	3
HRWK-0.5/630	0.5	630	12500	31500	4	5	2	3
HRWK-0.5/800	0.5	800	12500	31500	4	5	2	3
HRWK-0.5/1000	0.5	1000	12500	31500	4	5	2	3

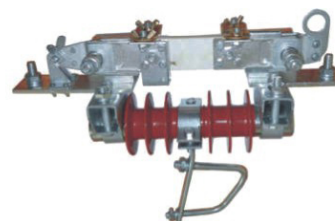
WTBK-0.5kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
WTBK-0.5/200	0.5	200	12500	31500	4	5	2	3
WTBK-0.5/400	0.5	400	12500	31500	4	5	2	3
WTBK-0.5/630	0.5	630	12500	31500	4	5	2	3
WTBK-0.5/800	0.5	800	12500	31500	4	5	2	3
WTBK-0.5/1000	0.5	1000	12500	31500	4	5	2	3



HWTBK-0.5kV

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HWTBK-0.5/200	0.5	200	12500	31500	4	5	2	3
HWTBK-0.5/400	0.5	400	12500	31500	4	5	2	3
HWTBK-0.5/630	0.5	630	12500	31500	4	5	2	3
HWTBK-0.5/800	0.5	800	12500	31500	4	5	2	3
HWTBK-0.5/1000	0.5	1000	12500	31500	4	5	2	3



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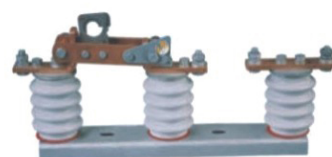


HR20-0.5/3

Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
HR20-0.5/200	0.5	200	12500	31500	4	5	2	3
HR20-0.5/400	0.5	400	12500	31500	4	5	2	3
HR20-0.5/630	0.5	630	12500	31500	4	5	2	3
HR20-0.5/800	0.5	800	12500	31500	4	5	2	3
HR20-0.5/1000	0.5	1000	12500	31500	4	5	2	3

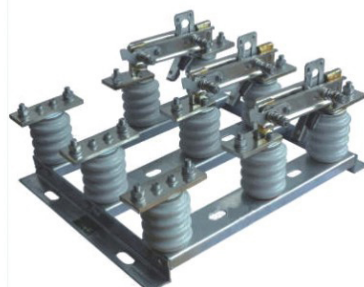
※同型号JDW2-0.5KV一体型

GWR1-0.5kV



Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
GWR1-0.5/200	0.5	200	12500	31500	4	5	2	3
GWR1-0.5/400	0.5	400	12500	31500	4	5	2	3
GWR1-0.5/630	0.5	630	12500	31500	4	5	2	3
GWR1-0.5/800	0.5	800	12500	31500	4	5	2	3
GWR1-0.5/1000	0.5	1000	12500	31500	4	5	2	3

DRW-0.5/3

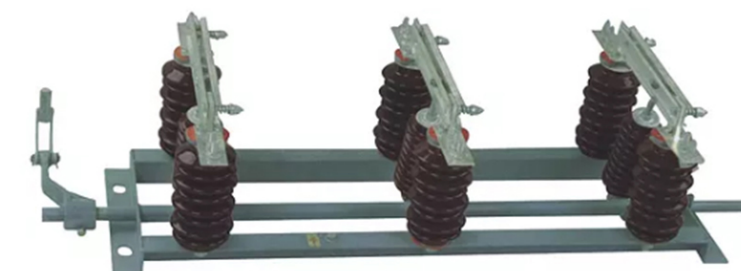
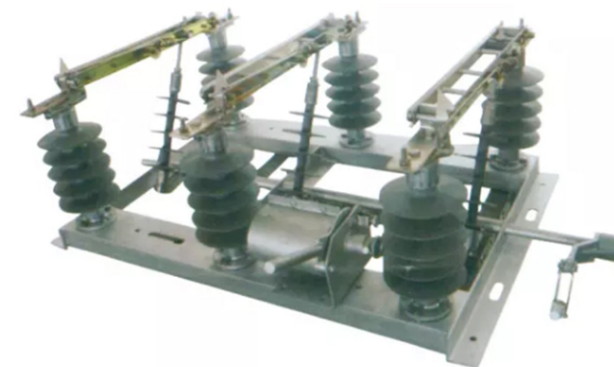


Type	Rated Voltage (kV)	Rated Current (A)	4S Heat steady Current (A)	Shock steady Current (A)	Impulse with stand voltage(kV)		Power-frequency withstand Voltage(kV)	
					Relatively earth	Between fracture	Relatively earth	Between fracture
DRW-0.5/200	0.5	200	12500	31500	4	5	2	3
DRW-0.5/400	0.5	400	12500	31500	4	5	2	3
DRW-0.5/630	0.5	630	12500	31500	4	5	2	3
DRW-0.5/800	0.5	800	12500	31500	4	5	2	3
DRW-0.5/1000	0.5	1000	12500	31500	4	5	2	3

Outdoor High-voltage Switch Disconnecter

GW1-12G(D) Series Outdoor High Voltage Isolate Switch

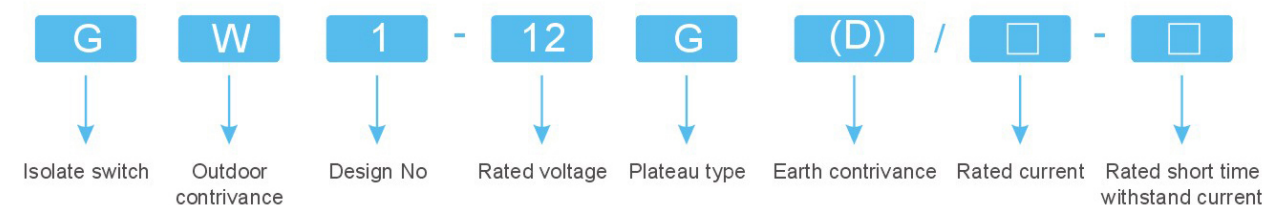
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• Environment of use

1. The altitude above sea level:2000m.
2. The ambient air temperature:-40~40℃ wind speed does not exceed 32m/s.
3. The earthquake intensity does not exceed 8 degrees.
4. The working situation is without frequent violent vibration.
5. The installation site of ordinary type isolator should be kept away from gas, smoke chemical deposition, salt-spray fog, dust and other explosive and corrosive matters that affect seriously insulation and conduction capability of the isolator.
6. Pollution-proof type isolator is applies to severe filthy conduction area, however, it shouldn't be any explosive matters and matters causing fire.

• Type and definition



• Scope use and feature

GW1-12G(D)series outdoor high voltage Isolate switch is the high voltage switch equipment of composite structure, is suitable for outdoor 12KV line net with voltage and no load, to make opening and close. With CS□ type manpower operate machinery, can avoid earth line with power and composite flash-locks etc wrong operate. The operator is no need to put another earth line. Pollution-proof type isolate switch satisfy customer in filthy conduction area. It can solve the pollution of shed when it is working.

Outdoor High-voltage Switch Disconnecter

GW1 Series Outdoor HV Disconnecting Switch

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• GW1 Main Technical parameters

Items			Units	Technical parameters			
Rated voltage			kV	10	15	20	
Max.operating voltage			kV	12	17.5	23	
Rated insulation level	1min.Power frequency withstand voltage	To earth	kV	38	40	50	
		Across open DS	kV	42	47	60	
	Rated lightning impulse withstand voltage	To earth	kV	75	105	125	
		Across open DS	kV	85	120	145	
Rated frequency			Hz	50			
Rated current			A	200	400	630	1250
4s short time withstand current			kA	6.3	12.5	20	31.5
Peak withstand current			kA	16	31.5	50	80
Mechanism supplied for disconnector				CS8-1、CS8-D、CD8-5 Rain type manual mechanism or CX6 motor drive mechanism			

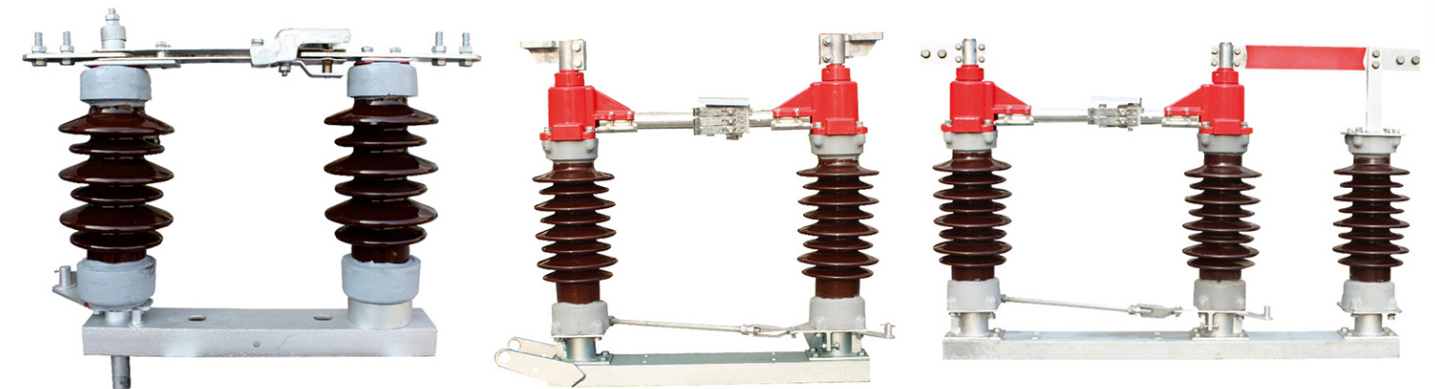
• HGW1 Main Technical parameters

Items			Units	Technical parameters			
Rated voltage			kV	10	24	33	
Max.operating voltage			kV	12	27	35	
Rated insulation level	1 min.Power frequency withstand voltage	To earth	kV	40	50	80	
		Across open DS	kV	47	60	90	
	Rated lightning impulse withstand voltage	To earth	kV	105	125	180	
		Across open DS	kV	120	145	210	
Rated frequency			Hz	50			
Rated current			A	200	400	630	1250
4s short time withstand current			kA	6.3	12.5	20	31.5
Peak withstand current			kA	16	31.5	50	80
Mechanism supplied for disconnector				CS8-1、CS8-D、CD8-5 Rain type manual mechanism or CX8-5 motor drive mechanism			

Outdoor High-voltage Switch Disconnecter

GW4-40.5、126、252(D)(W) Outdoor High-voltage Isolating Switch

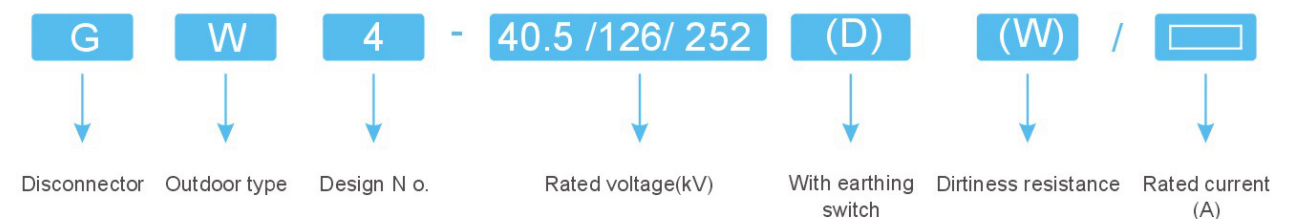
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• Overview

- GW4 outdoor AC isolation switch is a switch for high-voltage line in the no load flow, and the high voltage bus, circuit breakers and other electrical equipment maintenance and high voltage circuit of electrical isolation in. In the main switch in the off position can provide a visible insulation distance safety requirements;
- This product is a double column horizontal open type, main switch points, closing operation, the left, the right to the same side contact should be rotated 90 degrees. The grounding switch is the first rotary, linear insert again to complete the whole process. Current varieties using double conductive system parallel arrangement, increase the flow capacity, reduce the consumption of material. The actuator can adopt manual and electric, manual with CSA mechanism, electric with CJ11 mechanism; GW4 outdoor AC isolation switch is on the basis of the previous Gw4 products, after further improvement and perfection of product improvement, compared with GW4 products in the past, there are many significant improvements, the main knife material with copper, contact a thick silver plating. Connecting terminal electrically conductive multilayer with soft connected component; grounding knife material is aluminum alloy conductive tube, contact for copper thick silver plating, exposed steel parts are hot-dip galvanized or dacromet. Thus Gw4 products, our factory has advanced structure, strong corrosion resistance, easy to operate, safe and reliable operation, the advantages of electrical and mechanical stability.

• Meaning of type



Outdoor High-voltage Switch Disconnecter

GW4-40.5、126、252(D)(W) Outdoor High-voltage Isolating Switch

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• Technical data

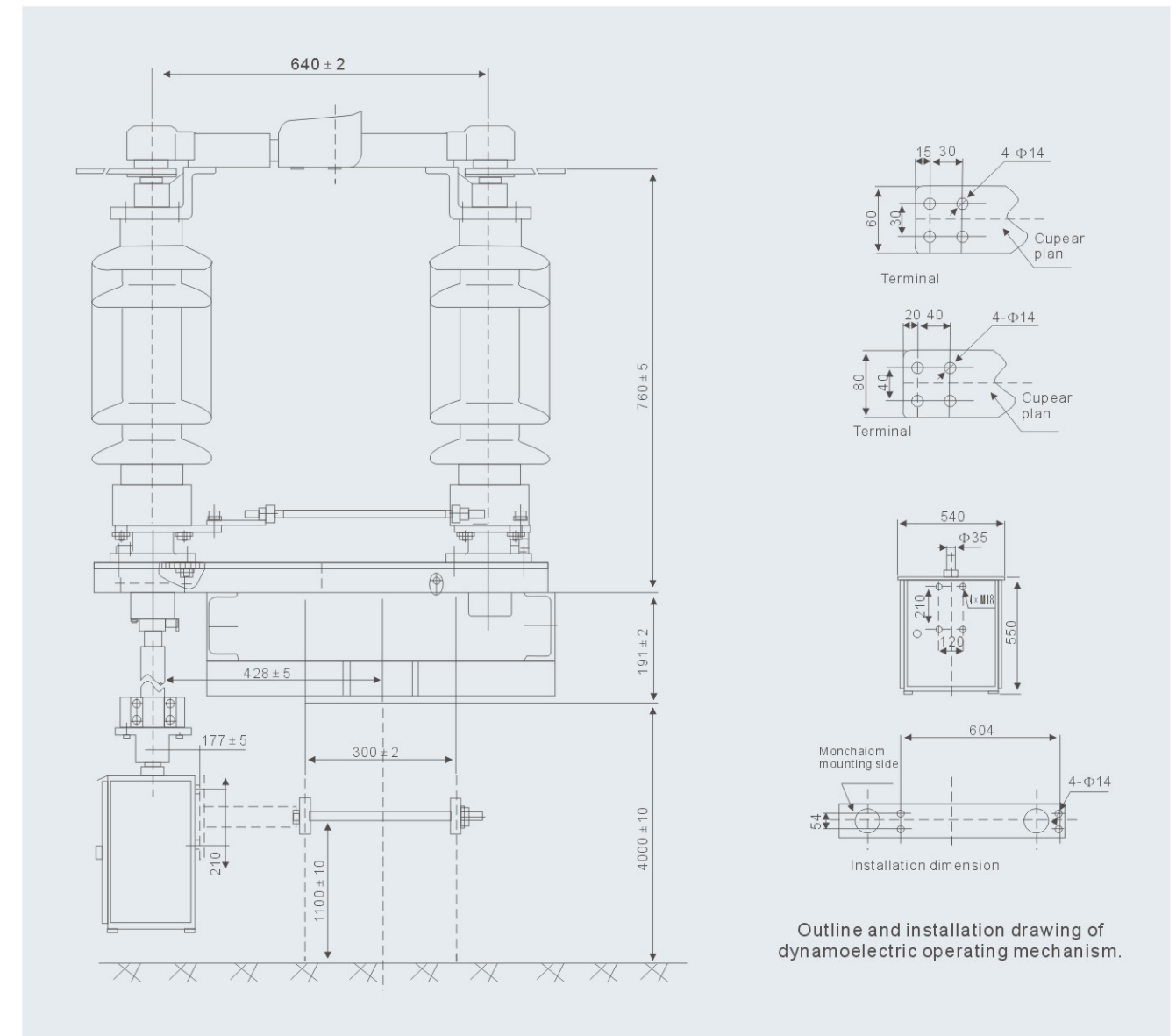
Item			Unit	Parameter							
Rated voltage			kV	40.5			126		252		
Rated insulation level	1min power frequency withstand voltage	To the earth	kV	95			230		460		
		Interrupter	kV	115			245		460+145		
	Rated lightning impulse withstand voltage (peak)	To the earth	kV	185			550		1050		
		Interrupter	kV	215			630		1050+200		
Ratd frequency			Hz	50							
Rated current			A	400	630	1000	1250	1600	2000	3150	4000
Rated short-time withstand current			kA	20	20	31.5	31.5	40	40	50	50
Rated peak withstand current			kA	40	50	80	80	100	100	125	125
Rated short-circuit duration knife/Sword			S	4/2							
Rated mechanical terminal load	Horizontal and vertical load		N	750			1000				
	The horizontal load		N	500			750				
	Vertical force		N	750			1000				
Creepage distance			mm	1013-1256			1813-2248		3150-3906		
The life of the machine			Times	2000							
Human actuator	No grounding			CS11(F)							
	Single grounding			CS8-6D(F)							
	Donble grounding			Main knife CS14G(F); Earth knife CS11(F)							
	Voltage control loop		V	AC220,DC110,DC220							
Motor actuator	Model			CJ6							
	Motor voltage		V	AC220,AC380,DC220							
	Voltage control loop		V	AC220,AC380,DC220							
	Closing time		s	6 ± 1							
Production weight	Not grounding		kg	360			500		800		
	Single ground		kg	390			560		900		
	Double ground		kg	430			620		1000		

Outdoor High-voltage Switch Disconnecter

GW4-40.5、126、252(D)(W) Outdoor High-voltage Isolating Switch

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• Outline dimension



• Order notice

Plese indicate|:

- 1.Specification, rated voltage, rated current, number of pole, switching direction, axuiliary switch poles of operating mechanism, voltage and quantity of operating mechanism;
2. The disconnector and the operating mechanism can be supplied as a complete set, and also can be supplied separately.
3. The disconnector has three types according to the numbers of poles which are single pole, double poles and three poles type. It also classifies to left and right switching types as the clients' requirement.

Outdoor AC High Voltage Disconnect Switch

GW4-126/145D(W)

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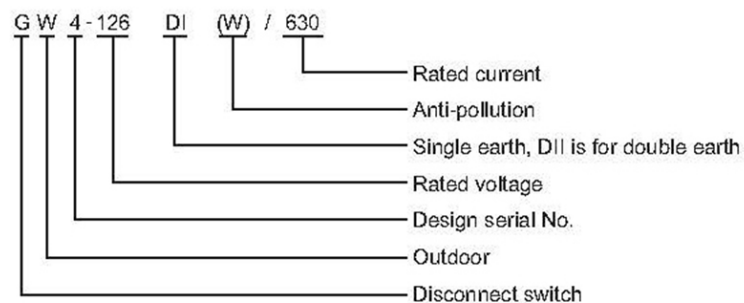
• Introduction

GW4-126/145 outdoor high voltage disconnect switch is used to open and close high voltage circuit in rated voltage 126/145kV, AC 50/60Hz system, the anti-pollution type is especial suitable for serious pollution area.

• Working environment

1. Altitude: $\leq 3000\text{m}$;
2. Ambient temperature: $-25^{\circ}\text{C} \sim +40^{\circ}\text{C}$;
3. Wind speed: $\leq 35\text{m/s}$;
4. Earthquake intensity: ≤ 8 degree;
5. Ice thickness: $\leq 10\text{mm}$;
6. Anti-pollution type is special suitable for the serious pollution area;
7. Applicable occasions should free from inflammable, explosives and severe vibration.

• Meaning of type



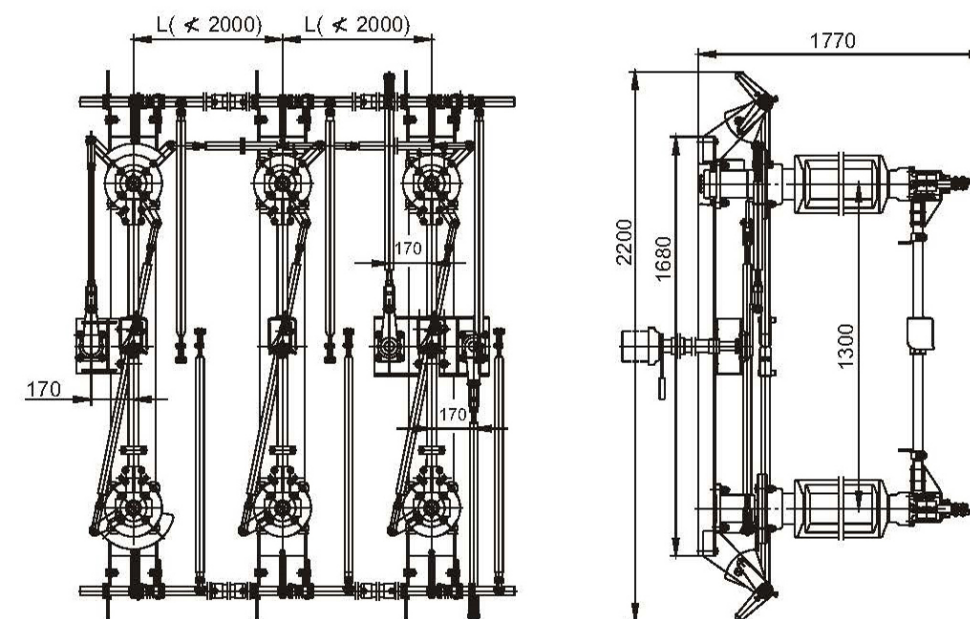
• Technical data

Item	Unit	Data	Note
Rated voltage	kV	126/145	
Rated current	A	630 1250	
Rated peak withstand current	kA	50 80	
4s short-time withstand current	kA	20 31.5	
Rated static pull on connection terminal	N	735	
Rated power frequency	Hz	50/60	
1min power frequency withstand voltage	kV	phase to phase, phase to earth:185/275 across open contacts:210/315	Suitable for three pole linkage
Lightning impulse withstand voltage(peak)	kV	phase to phase, phase to earth:450/650 across open contacts:520/750	Suitable for three pole linkage
Weight of switchbody	kg	≈ 240	
Operating mechanism		CS14 manual	
Earth method		without earth, single earth, double earth	
Post insulate creepage distance	mm	normal type:1870 anti-pollution:3050	
With earth switch	Short-time withstand current	12.5(2s) 20(2s)	
	Peak withstand current	31.5 50	

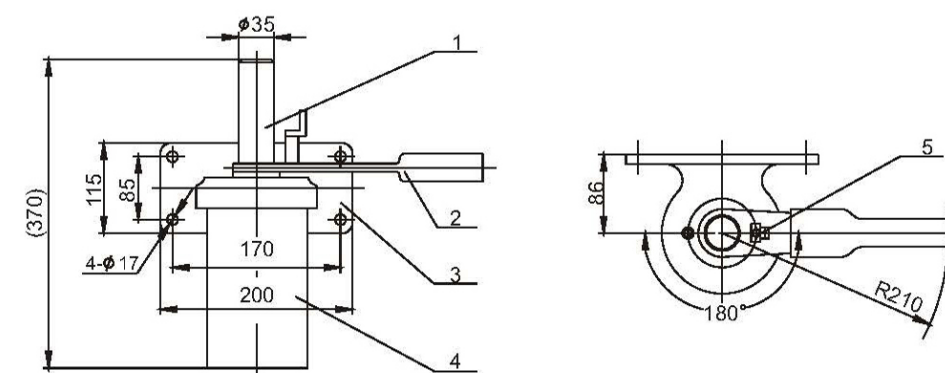
Disconnect switch is contain of frame, post insulator, conductive part, with earth and operating mechanism etc. earth blade is mounted with rotating shaft, static contactor is mounted on the bar, there is a mechanism linkage to ensure operating ordinally. one set CS 14 handle operating mechanism for no earth switch, two sets for single earth switch, three sets for double earth switch.



• Outline dimension

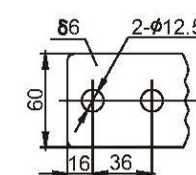


Drawing 1 GW4-126/145 DII (double earth)

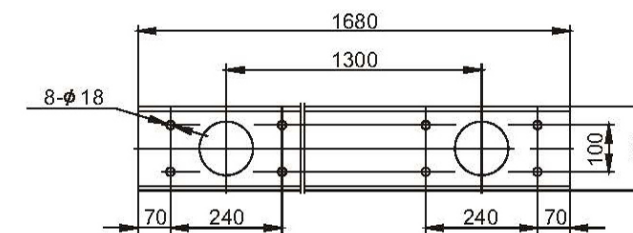


1.Rotating shaft 2.Handle 3.Frame 4.Cover 5.Lock

Drawing 2 CS14 Outline drawing



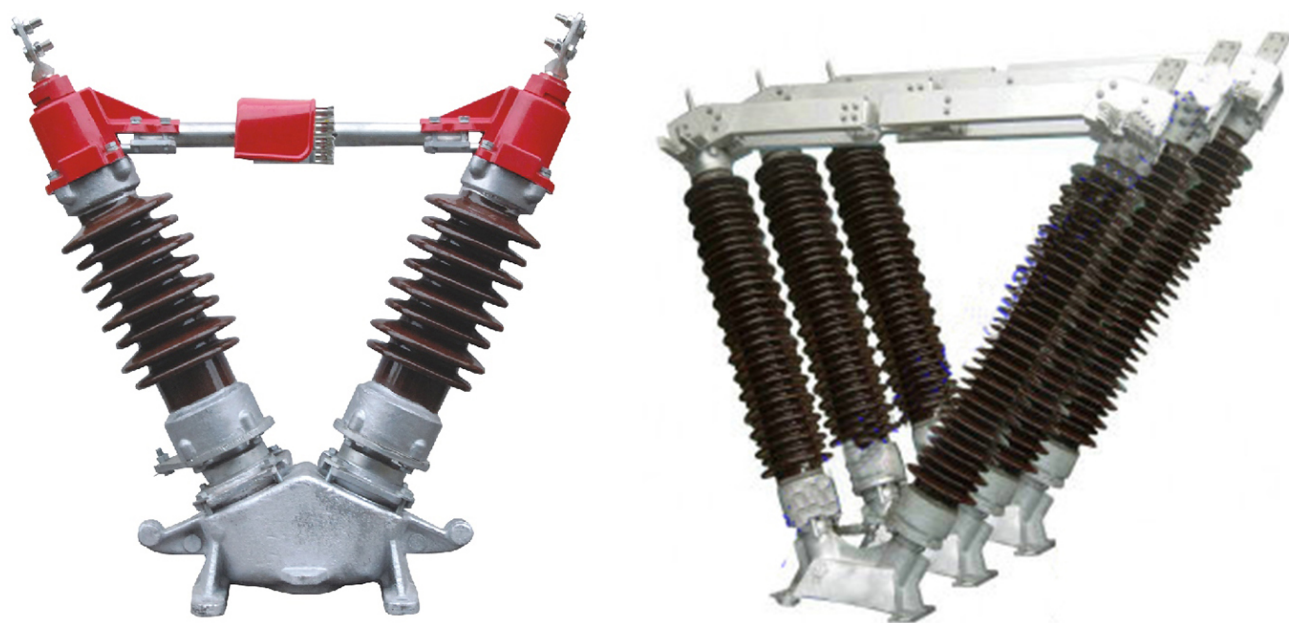
Drawing 3 Connection plate dimension



Drawing 4 Frame dimension

Outdoor High-voltage Switch Disconnecter

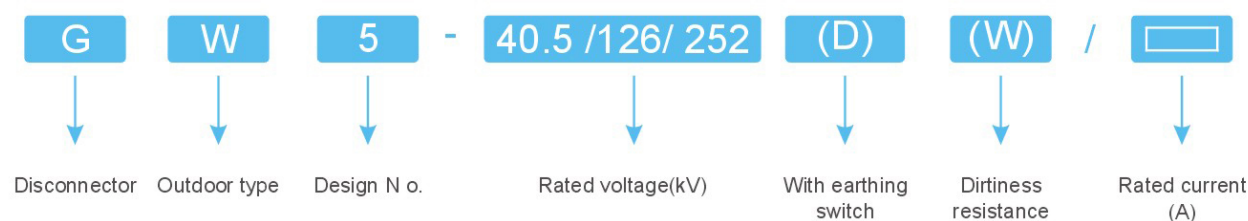
GW5-40.5、126、252 (D) (W) Outdoor High-voltage Isolating Switch

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Electric Professional
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• Overview

- GW5 type isolation switch is a switch in the no load flow conditions for high voltage transmission line, and the high voltage bus, is maintenance of the circuit breaker and other electrical equipment and charged high electrical isolation in, in the main switch in the normal brake position-provide a meet safety requirements can see insulation distance.
- Meet the GB1985 "IEC-129" AC isolation switch and the isolating switch (1984) "and the earthing switch" standard AC isolation switch. Therefore, it is reliable, safe operation; and has the advantages of small volume, simple structure, convenient in stallation and debugging. Consisting of three monopoles and mechanism, each single pole, isolating switch consists of two post insulator are respectively fixed on a base, an angle of 50 degrees into a V type structure, one side of the body to rotate through a porcelain vases. bevel gear switch in the base. The main circuit adopts copper material, local two silver plated contact, contact, through flow capacity, operating mechanism adopts CS17 manual mechanism, light and flexible, there is a mechanical interlocking mechanism design between the output shaft, and can be equipped with electromagnetic lock, can ensure that the anti misoperation, also can be equipped with CJ11 type electric operating mechanism, In order to facilitate the different user requirements. Is a high-voltage electrical products cheap, widely used in power plants and power plants.

• Meaning of type



Outdoor High-voltage Switch Disconnecter

GW5-40.5、126、252 (D) (W) Outdoor High-voltage Isolating Switch

• Technical data

Item			Unit	Parameter			
Rated voltage			kV	40.5	126	252	
Rated insulation level	1min power frequency withstand voltage	To the earth	KV	95	230	460	
		Interrupter	KV	115	245	460+145	
	Rated lightning impulse withstand voltage(peak)	To the earth	KV	185	550	1050	
		Interrupter	KV	215	630	1050+200	
Rated frequency			Hz		50		
Rated current			A	630	1250	1600	2000
Rated short-time withstand current			kA	20	31.5	40	40
Rated peak withstand current			kA	50	80	100	100
Rated short-circuit duration knife/Sword			S	4/2			
Rated mechanical terminal load	Horizontal and vertical load		N	750	1000		
	The horizontal load		N	500	750		
	Vertical force		N	750	1000		
Creepage distance			mm	1013-1256	1813-2248	3150-3906	
The life of the machine			Times	2000			
Human actuator	Model			CD17,CS17G			
	Voltage control loop		V	AC220,DC110,DC220			
Motor actuator	Model			CJ6			
	Motor voltage		V	AC220,AC380,DC220			
	Voltage control loop		V	AC220,AC380,DC220			
	Closing time		s	6 ± 1			
Production weight	Not grodding		kg	360	500	800	
	Single ground		kg	390	560	900	
	Double ground		kg	430	620	1000	

Outdoor AC High Voltage Disconnect Switch

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• Introduction

GV5 type isolation switch is a switch in the no load flow conditions for high voltage transmission line , and the high voltage bus , is maintenance of the circuit breaker and other electrical equipment and charged high electrical isolation in,in the main switch in the normal brake position-provide a meet safety requirements can see insulation distance.

• Technical data

Item			Unit	Parameter			
Rated voltage			kV	40.5	126	252	
Rated insulation level	1min power frequency withstand voltage	To the earth	KV	95	230	460	
		Interrupter	KV	115	245	460+145	
	Rated lightning impulse withstand voltage(peak)	To the earth	KV	185	550	1050	
		Interrupter	KV	215	630	1050+200	
Rated frequency			Hz		50		
Rated current			A	630	1250	1600	2000
Rated short-time withstand current			kA	20	31.5	40	40
Rated peak withstand current			kA	50	80	100	100
Rated short-circuit duration knife/Sword			S	4/2			
Rated mechanical terminal load	Horizontal and vertical load		N	750	1000		
	The horizontal load		N	500	750		
	Vertical force		N	750	1000		
Creepage distance			mm	1013-1256	1813-2248	3150-3906	
The life of the machine			Times	2000			
Human actuator	Model			CD17,CS17G			
	Voltage control loop		V	AC220,DC110,DC220			
Motor actuator	Model			CJ6			
	Motor voltage		V	AC220,AC380,DC220			
	Voltage control loop		V	AC220,AC380,DC220			
	Closing time		s	6±1			
Production weight	Not groddunding		kg	360	500		800
	Single ground		kg	390	560		900
	Double ground		kg	430	620		1000

Outdoor High-voltage Switch Disconnecter

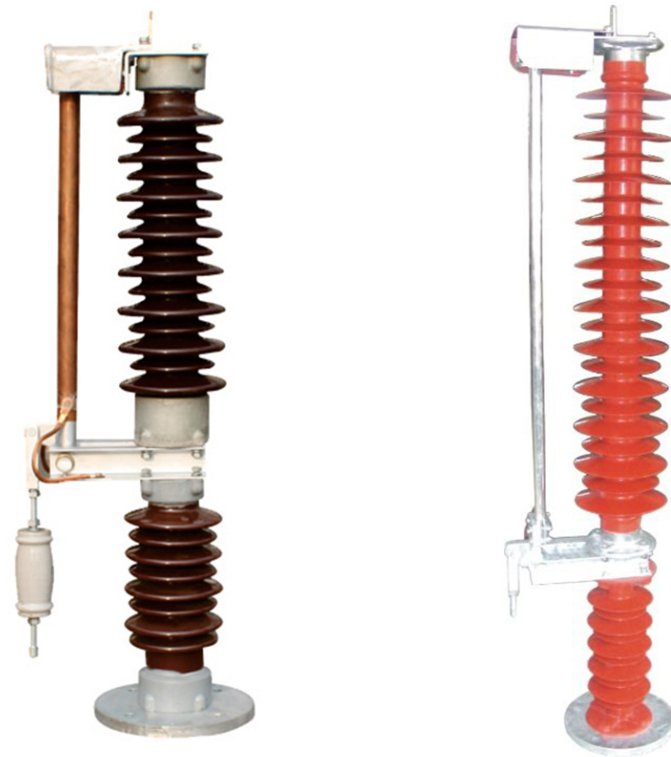
Outdoor High-voltage Isolate Switch

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The new product is coming soon

Outdoor High-voltage Switch Disconnecter

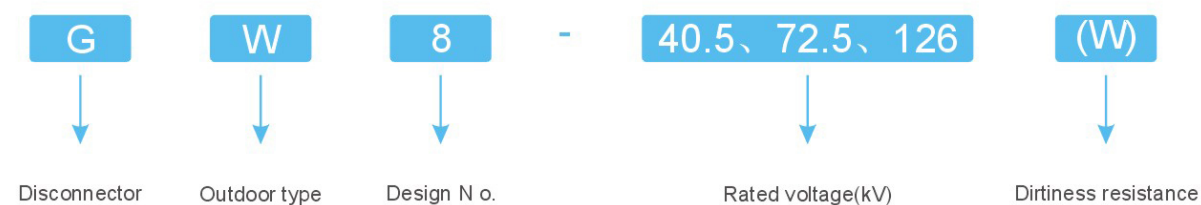
GW8-40.5、72.5、126 (W) Outdoor High -voltage Isolating Switch

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• Introduction

- This disconnector consists of post insulator, porcelain insulator and conductive parts. There are static contact and busbar junction panel on the top of post insulator, and there are metal base, operating crank arm and operating insulator between post insulator and porcelain insulator base. The male contact is mounted on the base, and the CSB -5 manual operating mechanism connects with the male contact through the connecting bar, operating insulator and crank arm-It also can match with CJ6 dynamoelectric operating mechanism.

• Meaning of type



• Order notice

- Type and specification of the outdoor disconnector
- Working environment(ambient temperature, altitude, dirtiness level)
- Type of operating mechanism
- Name and quantity of the accessories and tools if required.(deal separated with disconnector)

Outdoor High-voltage Switch Disconnecter

GW8-40.5、72.5、126 (W) Outdoor High -voltage Isolating Switch

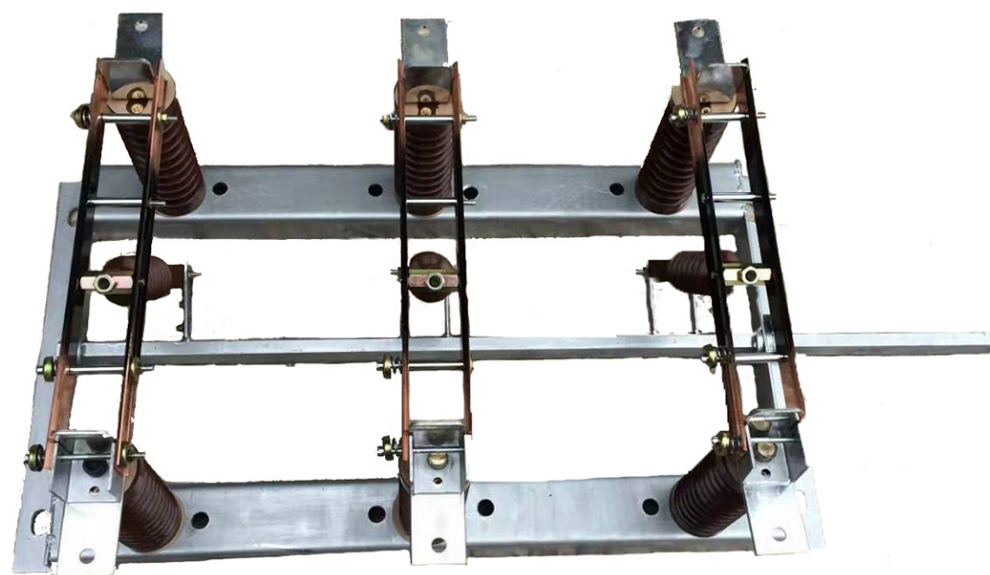
• Technical data

Item			Unit	Parameter		
Rated voltage			kV	40.5	72.5	126
Rated insulation level	1min power frequency withstand voltage	To the earth	kV	95	160	230
		Interrupter	kV			
	Rated lightning impulse withstand voltage(peak)	To the earth	kV	185	350	550
		Interrupter	kV			
Rated frequency			Hz	50		
Rated current			A	630		
Rated short-time withstand current			kA	8		
Rated peak withstand current			kA	20		
Rated short-circuit duration knife/Sword			S	3		
Rated mechanical terminal load	Horizontal and vertical load		N	750		
	The horizontal load		N	500		
	Vertical force		N	750		
Creepage distance			mm	1013、1256、1813、2284、3150		
The life of the machine			Times	10000		
Motor actuator	Model			CJ6B		
	Motor voltage		V	AC380, AC220, DC220 , DC110		
	Voltage control loop		V	AC380, AC220, DC220, DC110		
	Closing time		s	6 ± 1		
Human actuator	Model			CS8-5		
	Electromagnetic lock voltage		V	DC220, AC220		
Production weight	Not grounding		kg	80 120 190		

Outdoor High-voltage Switch Disconnecter

By-pass Switch

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• Introduction

According IEC standards, Up to 36kV,900A,200kV BIL ,Three phase disconnecter, Porcelain and polymer type insulator. Manual and electric drivers, Accessories and relays.

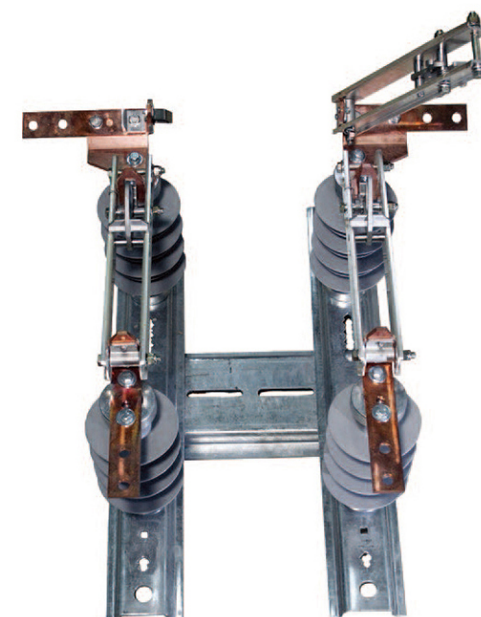
• Technical data

No.	Item	Unit	Data		
1	Rated voltage	kV	12	24	36
2	Rated current	A	400/630	400/630	400/630
3	Rated frequency	Hz	50/60	50/60	50/60
4	Rated short-time withstand current	kA	20	20	25
5	Rated short-circuit duration	s	4	4	4
6	Main loop resistance	$\mu\Omega$	≤ 100	≤ 100	≤ 100
7	Lightning impulse withstand voltage	kV	75	125	185
8	Mechanical life	Times	2000	2000	2000

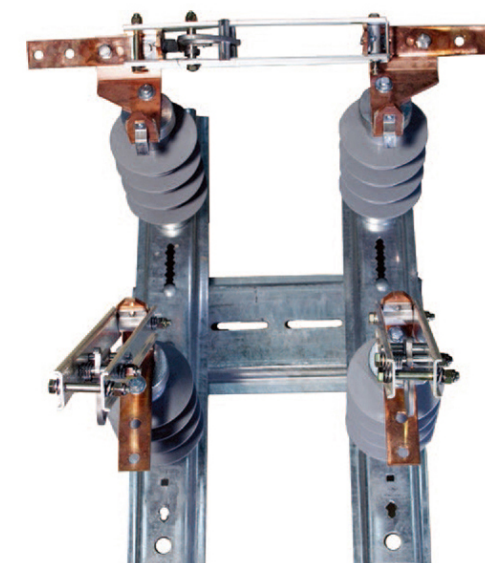
Outdoor High-voltage Switch Disconnecter

By-pass Switch

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Normal Position



Bypass Position

• Introduction

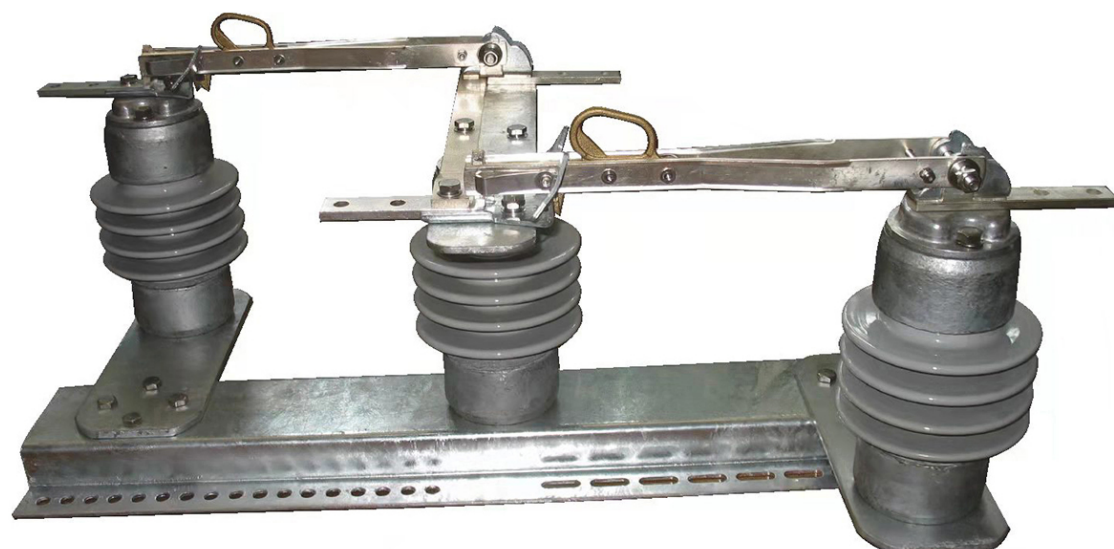
The LW15 bypass switch incorporates all the advanced design features of the LW15 switch into a compact 3-pull bypass unit. It consists of two hookstick-operated disconnect switches mounted on a galvanized channel with a bypass blade connected across the top terminals of each switch. The bypass blade can be arranged for either right-hand (standard) or left-hand operation (optional). One mounting channel supports the entire switch for ease of installation and uncluttered appearance. The channel can be either cross arm mounted with a backstrap or bolted directly to a galvanized pole mounting bracket. All switches have a positive blade lock to prevent opening under high momentary current. Easy opening and closing is assured by bolted braces providing consistent forces behind and in front of front latch mechanism. The bypass blade is offset 30 degrees from the plane of the disconnect blades, so that the bypass switch can be operated when the switch is mounted vertically.

• Technical data

Insulation Material	Ratings				
	kV Max. Design	BIL kV	Mom. kA	Insulator Creep	Weight (lb.)
UltraSIL Polymer	15.5	110	40	20.2 (513)	62
UltraSIL Polymer	27	125	40	20.2 (513)	62
UltraSIL Polymer	27	150	40	28 (711)	75
UltraSIL Polymer	38.0	150	40	28 (711)	75

Outdoor High-voltage Switch Disconnect By-pass Switch

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• Introduction

Recloser Bypass Disconnect with Second Loadbuster Disconnect in Place of Fuse, furnished with porcelain station post insulators

• Technical data

Rating					Catalogue Number	
Nom.	kV	Max	BIL	Amperes, RMS		Cyproxy Station Post Insulators
				Switch		Porcelain Station Post Insulators
				Cont.	Mom.① (Asym.)	
14.4	15.5	110	600	40 000	192782-E	192782
25	27	150	600	40 000	192783-E	192783

①: One-second rating: 25,000 amperes RMS symmetrical; Three-second rating: 16000 amperes RMS symmetrical.

GWR-12/36 Outdoor AC High Voltage Disconnect Switch

GWR-12/36 (Fuse Type)

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• Meaning of type

G W R - 12(36) / 100

Rated current
Rated voltage
Fuse
Outdoor
Disconnect switch

• Working environment

Altitude: ≤1000m;
Ambient temperature: +50°C ~-30°C;
Wind speed: ≤35m/s;
Earthquake intensity: ≤8 degree;
Air pollution: IV;
Ice thickness: ≤10mm;
Applicable occasions of normal type switch should free from chemistry aggradation, dust and other volatile & caustic thing.

• Introduction

GWR-12/36 outdoor AC. high voltage fused type disconnect switch (disconnect switch for short) is used in electric power system with rated frequency 50/60Hz, rated voltage 12/36kV. Its main for making or breaking circuit under line supplying voltage in outdoor high voltage distribution system equipments. There of anti-pollution type disconnect switch is especially used in serious polluted area. It accords with standards of IEC62271-103: High voltage switches.

• Technical data

No.	Item		Unit	Data	
1	Rated voltage		kV	12	36
2	Rated current		A	100	100
3	Rated frequency		Hz	50/60	50/60
4	Maximum breaking current		kA	5	5
5	Main circuit resistance		μ Ω	≤150	≤150
6	1min. PF withstand voltage (dry)	Phase to phase/ earth across open contacts	kV	42/48	95/115
7	1min. PF withstand voltage (wet)			30	85
8	Lightning impulse withstand voltage			95/110	185/215
9	Mechanical life	Disconnect switch	Times	2000	2000
		Fuse cutout		300	300

Indoor H.V. Load Switch Witch And Fuse Combination

FZN25-12D/T630-20 Indoor High Vacuum Load-breaking Switch

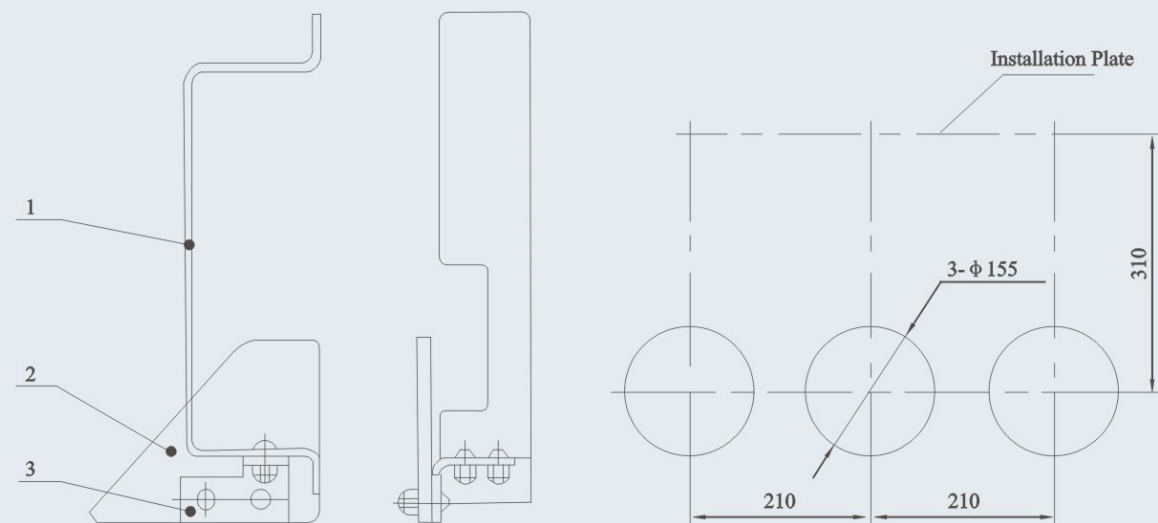
FZRN25-12D/T125-31.5 Indoor High Vacuum Load-breaking Switch-fuse Combination

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Disconnect and bypass switches Contents

LW15-TS distribution-class in-line disconnect switch

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Linkage structure

1. Bead plate 2. Gradient plate 3. Linkage plate

Hole Dimension

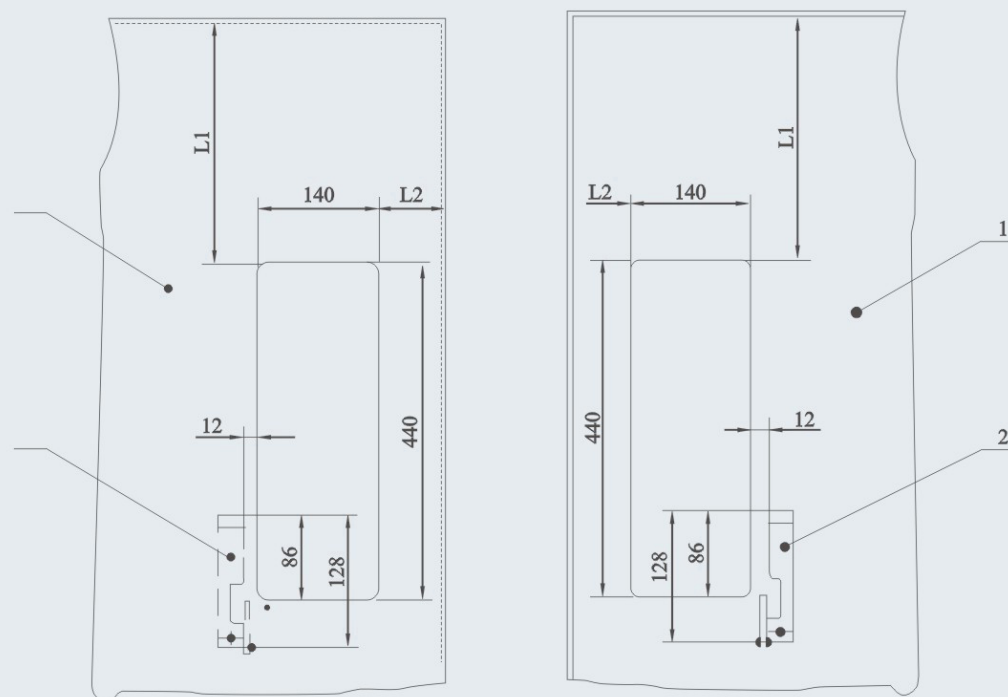


Plate linkage dimension

1. Plate 2. Linkage

The back view of gear dimension

Hole Dimension: 340 × 120

Note: L1、L2 dimension is choose by user



• Introduction

XIYA'S Cooper Power series LW15-TS single insulator in-line tension switches are single-phase hookstick-operated manual switches designed for operation of overhead lines on distribution circuits of 15kV through 38 kV, 150 kV BIL or 200 kV BIL. The LW15-TS switches are rated at 600 A or 900 A continuous current and may be applied directly into the line wherever line sectionalizing is desired. The in-line tension style switches provides a rugged and reliable disconnect option for line sectionalizing. The silver-plated LW15 type copper truss-type blade assembly provides superior strength and smooth reliable latching mechanism. The switches come standard with loadbreak hook to be used with the appropriate tool for opening the switches under load. Loadbreak hooks also act as a blade alignment guide to help in safe, reliable closing operation. UltraSIL silicone rubber polymer insulator with crimped end fittings provides reduced weight and added durability for easier installation and enhanced ruggedness in the field. The extra long creep makes the switch ideal for high pollution and coastal environments. The switch is equipped with terminals providing NEMA® spacing in several different directions. This allows for increased flexibility during installation depending on the application requirements.

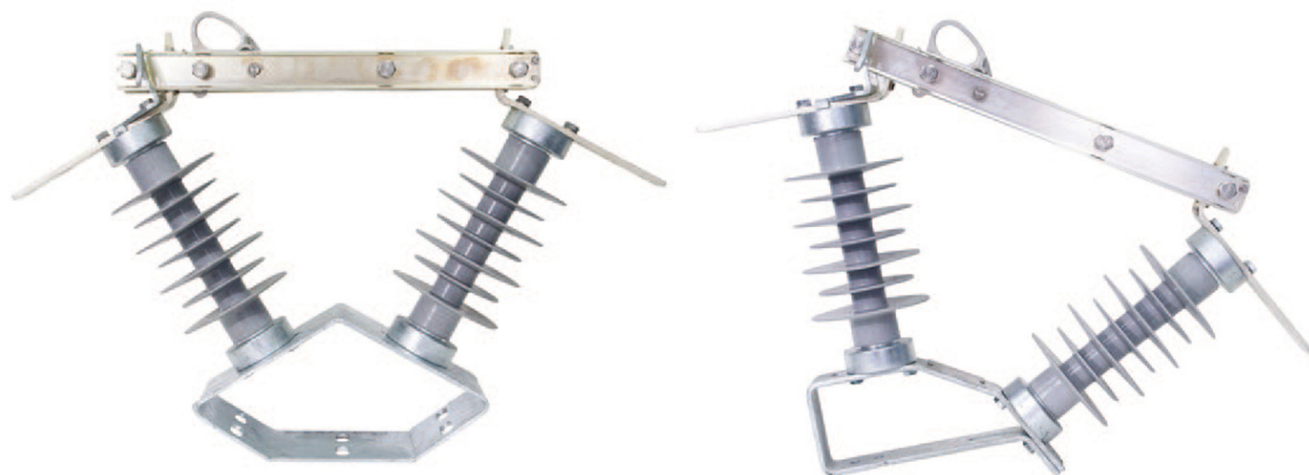
• Technical data

Base Catalog Number*	Continuous Current (A)	BIL (kV)	Power Frequency Dry 60 Sec (kV)	Momentary Current (rms kA)	Momentary Current (Peak kA)	Insulator Creep Distance		Rated Ultimate Tension Strength	
						(Inches)	(mm)	(LBS)	(N)
LW15TS38S0	600	150	70	25	65	23.2	589	15,000	66,723
LW15TS39S0	900								
LW15TS56S0	600	200	95	25	65	38.9	988	15,000	66,723
LW15TS59S0	900								

Disconnect and bypass switches Contents

LW15-VS distribution-class V-style crossarm

Key of Power
Electric Professional
>



LW15-VS disconnect switch with V-style base

LW15-VS disconnect switch with HOM-style base

• Introduction

XIYA designs its Cooper Power series LW15-VS distribution-class V-style crossarm switches for operation at 600 A and 900 A on distribution circuits rated up to 38 kV, 150 BIL. Multiple available bases and mounting configurations make the LW15-VS style switch a versatile switching option for vertical or inverted cross arm installations. The silver-plated copper truss-type blade assembly provides superior strength and smooth reliable latching mechanism. The field proven blade design offers silver plated truss type construction with cross braces in front and in back of contacts to minimize deflection, maintain positive alignment, and ensure efficient current transfer between blade and contacts. LW15-VS switches come standard with a loadbreak hook to be used with tool for opening switch under load. Loadbreak hooks also act as a blade alignment guide to help in safe, reliable closing operation. Standard polymer insulators provide reduced weight and added durability for easier installation and enhanced ruggedness in the field.

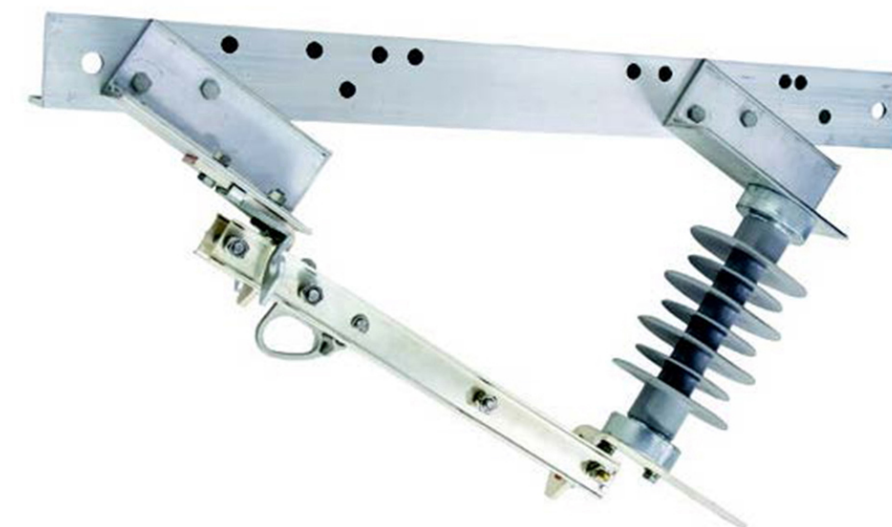
• Technical data

Catalog Number	Ratings			
	Max. Voltage (kV)	Amp (A)	BIL (kV)	Creep
LW15VS16S3	15.5	600	110	20.2 (513)
LW15VS19S3	15.5	900	110	20.2 (513)
LW15VS26S3	27	600	125	20.2 (513)
LW15VS29S3	27	900	125	20.2 (513)
LW15VS36S3	27	600	150	28 (711)
LW15VS39S3	27	900	150	28 (711)
LW15VS46S3	38	600	150	28 (711)
LW15VS49S3	38	900	150	28 (711)

Disconnect and bypass switches Contents

LW15-LT distribution-class line tap disconnect switch

Key of Power
Electric Professional
>



• Introduction

XIYA's Cooper Power series LW15-LT single insulator line tap disconnect switches are a single-phase hookstick-operated switch designed for operation at 600 A and 900 A on distribution circuits to 38 kV, 150 kV BIL. Line tap style disconnect switches provide a rugged and reliable disconnect option for an assortment of cable-riser and crossover applications. The silver-plated copper truss-type blade assembly provides superior strength and smooth reliable latching mechanism. The LW15-LT switch comes standard with load break hook to be used with tool for opening switch under load. Load break hooks also act as a blade alignment guide to help in safe, reliable closing operation. Standard polymer insulators provide reduced weight and added durability for easier installation and enhanced ruggedness in the field. Many available options, accessories and hanging configurations make the LW15-LT switch a flexible solution to any overhead line tap application.

• Technical data

Catalog Number	Ratings		
	Max. Voltage (kV)	Amp (A)	BIL (kV)
LW15LT16S0	15.5	600	110
LW15LT19S0	15.5	900	110
LW15LT26S0	27	600	125
LW15LT29S0	27	900	125
LW15LT36S0	27	600	150
LW15LT39S0	27	900	150
LW15LT46S0	38	600	150
LW15LT49S0	38	900	150

Outdoor High-voltage Switch Disconnecter

RH-B Series High Voltage Isolating Switch

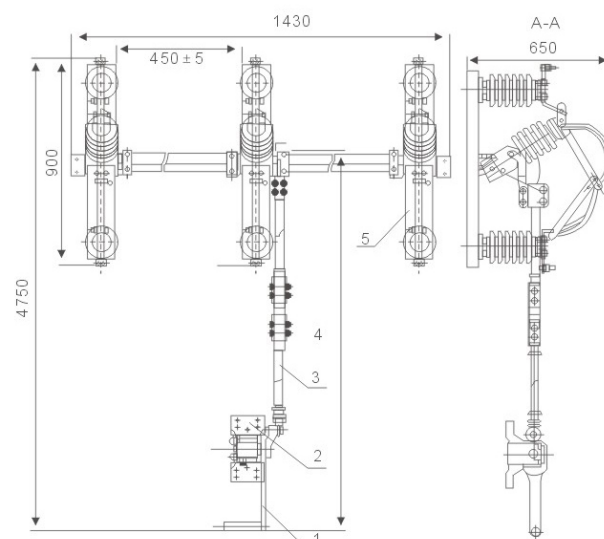
Key of Power
Electric Professional
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• Overview

- Outdoor AC switch disconnector 11kv/400A - 33kv/600A used in 3 phase AC 50/60Hz power circuit, it is used as switching on and switching off at the voltage with no load. It apply to IEC standard. IEC60964:1996, IEC62271-102:2002.
- Features:
Manufacture according IEC standards.
Up to 36KV,900A,200KV BIL.
Three phase disconnector.
Porcelain and polymer type insulator.
Manual and electric drivers.

• Outline dimension



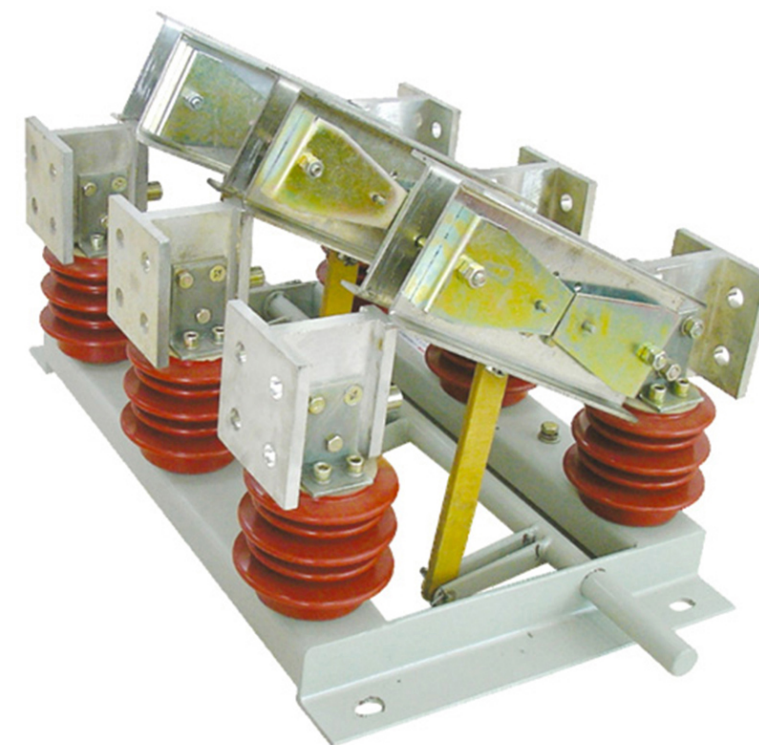
• Technical data

Type	Rated voltage (KV)	Rated Current (A)	4S Heat Steady e.c.A	With stand Current (peak) A	Impulse voltage		Power frequency withstand voltage	
					To earth (KV)	Across the isolating distance(KV)	To earth(KV)	Across the isolating distance(KV)
RH-B	11	400	12500	31500	75	95	38	42
	24	400	12500	31500	135	155	55	60
	33	600	12500	31500	170	195	70	80

Indoor High-voltage Switch Disconnecter

GN22-12(C) Series Indoor High-voltage Isolating Switch

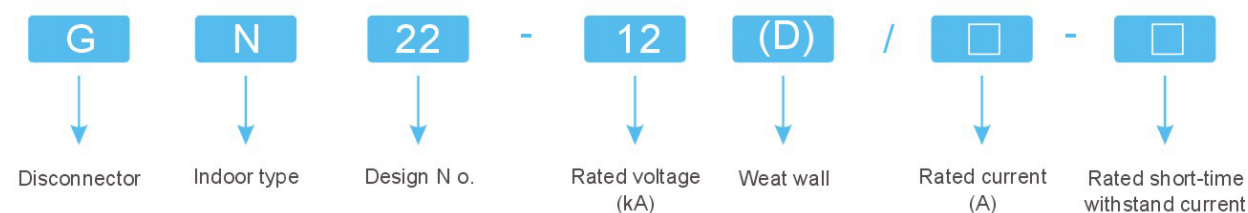
Key of Power
Electric Professional
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• Overview

- GN22-12(C) type isolation switch suitable for three-phase AC 50Hz, rated voltage 12KV indoor device. For high voltage equipment with voltage and column load situation on, off or transfer line with.

• Meaning of type



• Technical data

Item	Unit	Data	
Rated voltage	kV	12	
Rated power	Hz	50	
Rated current	A	1600-2000	2500-3150
Rated short-time withstand current	kA	40	50
Rated peak withstand current	kA	100	125
Rated short-time duration	s	4	
Rated insulation level	1min power frequency withstand voltage	kV	Alternate with, phase to 42, fracture 49
	The lightning impulse withstand voltage(peak)	kV	Alternate with, phase to 75, fracture 85

Indoor High-voltage Switch Disconnecter

GN27-40.5 Series Indoor High-voltage Isolating Switch

Key of Power
Electric Professional
>



Overview

- The GN27-40.5 high-voltage isolation switch is a kind of new products, Suitable for rated voltage of 40.5kV power system communication, 50Hz, division, and power in the voltage no-load condition Road, is to replace old products designed products production. Can be matched with a high-voltage switch cabinet, but also can be used alone. With CS6-2 operating mechanism. By strengthening the insulation design, full The use of foot II polluted place conditions.
- Scientific and reasonable design, novel structure; multi i- contact, rotary contact, self- cleaning ability, improve the heat dissipation capability; contact points on the two surface. small operation torque, pressure resistance, easy Adjustment; the creepage distance, strengthen the insulating ability, withstand voltage are to meet the highest requirements; installation of bearings in the shaft, and improves the service life, convenient operation.
- This series of isolation switch vertical rotary knife type three - phase chassis structure. Fracture of lateral static contact designed to swing much contact .with a monolithic contact pressure small, low wear, casual the advantages of large heating area , operating torque is small, while the use of large climbing distance post insulator and rod insulator, with high insulation performance and high mechanical strength. In order to meet the needs of design, have the paperback type, Wall type, with a grounding knife type etc. Horizontal, vertical or inclined to install the series isolation switch.

Technical data

Model	Rated voltage	Rated current	Rated short-time withstand current (effective value/time)	Rated peak withstand current	Lightning impulse/withstand voltage		1min frequency/voltage tolerance	
					On the ground and electrode	Fracture	On the ground and electrode	Fracture
					(kV)		(kV)	
GN27-40.5/630-20	40.5	630	20/4s	50	185	215	95	115
GN27-40.5/1250-31.5	40.5	1250	31.5/4s	80	185	215	95	115

Indoor High-voltage Switch Disconnecter

GN27-40.5 Series Indoor High-voltage Isolating Switch

Key of Power
Electric Professional
>

Outline dimension

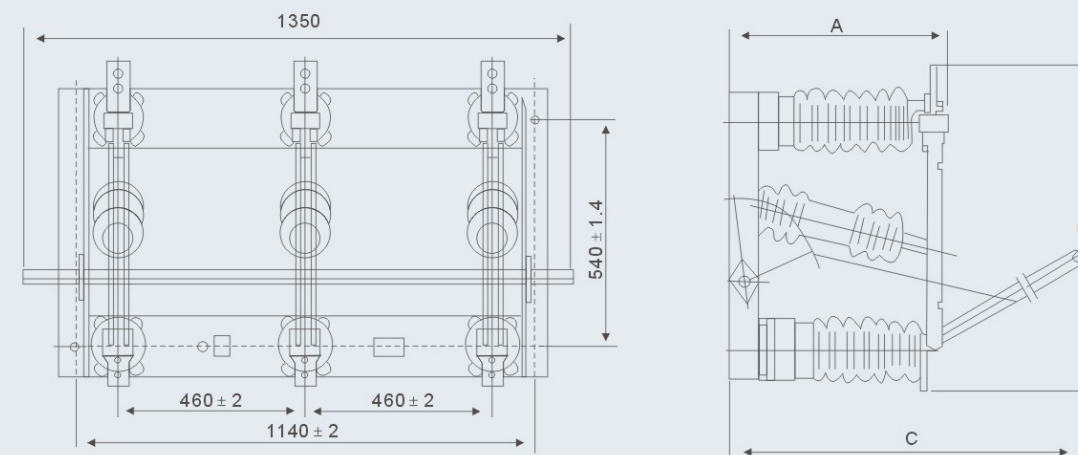
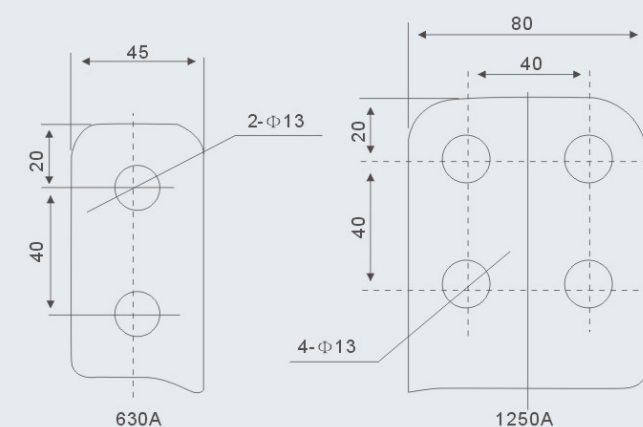


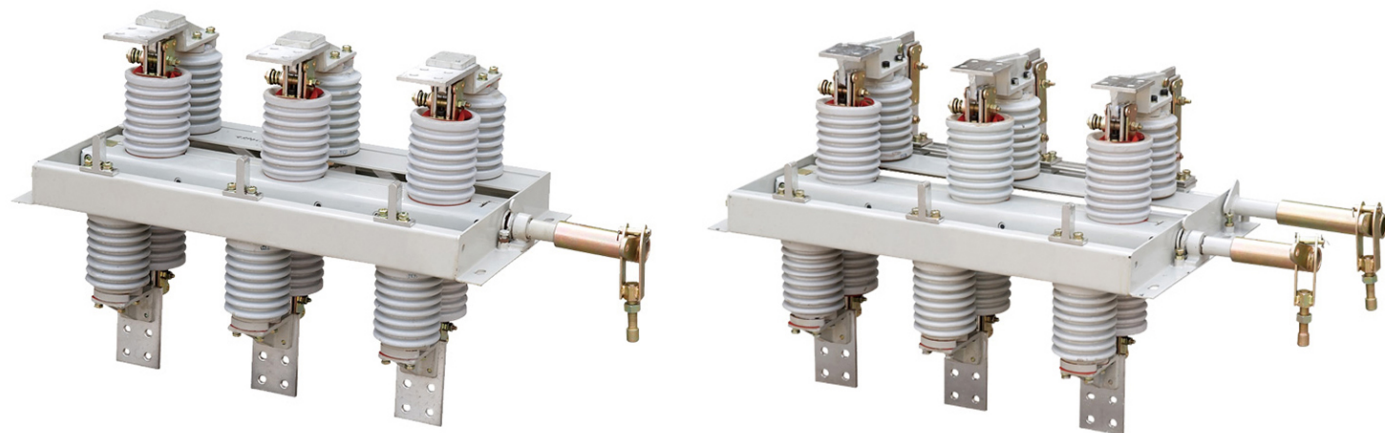
Fig 1 GN27-40.5/ 630-20 1250-31.5 Indoor high voltage switch disconnector



The product model	A	B	C
GN27-40.5/630-20	543	781	940
GN27-40.5/1250-31.5	544	788	950

Indoor High-voltage Switch Disconnecter

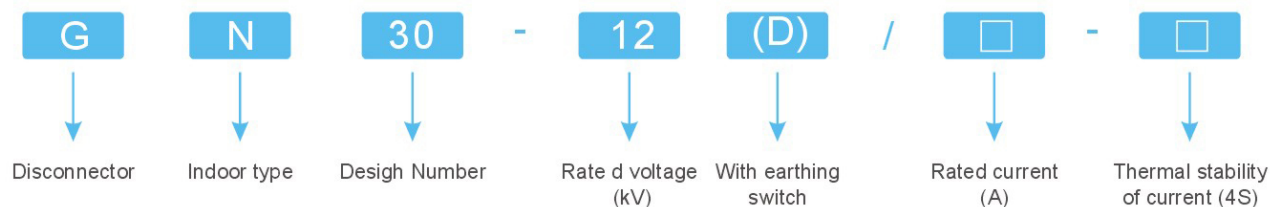
GN30-12 Series High-voltage Isolation Indoor Rotary Switch

Key of Power
Electric Professional
>

• Introduction

- GN30-12type rotary indoor high-voltage isolating switch is a new type of isolating switch for the rotary knife type, main structure is in three-phase chassis,the two plane ,fixed two groups of insulator and contact, through the rotary knife,so as to realize the on-off switch.
- The GN30-12D switch is added with a grounding knife in the form of GN30-12 type switch basis, can meet the needs of different power systems,The product design is compact,small footprint, the insulating ability. Easy to install and adjust,its performance meets the GB1985-89"AC high voltage isolating switch and earthing switch",suitable for rated voltage of 12000 volts AC 50Hz and indoor power system, as the voltage without load,and the circuit with. And supporting the use of high voltage switch cabinet, can also be used alone.

• Meaning of type



• Working environment

- Altitude: not more than 1000m;
- The ambient air temperature: +40℃ upper limit; lower limit-10;
- Relative humidity: daily average less than 95%; on average less than 90%;
- Earthquake intensity: no more than 8degrees;
- No serious dust,corrosive and explosive material place;
- No violent vibration often places in.

Indoor High-voltage Switch Disconnecter

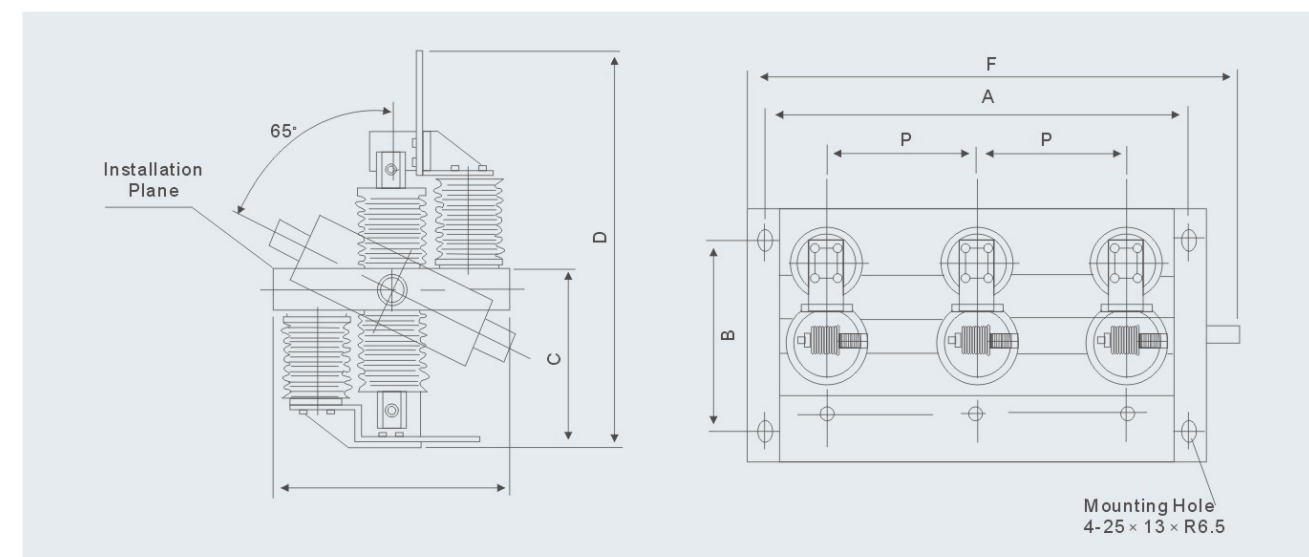
GN30-12 Series High-voltage Isolation Indoor Rotary Switch

• Technical data

Parameters		Product specifications			
		GN30-12/400-12.5	GN30-12/630-20	GN30-12/1000-31.5	GN30-12/1250-31.5
Item		GN30-12D/400-12.5	GN30-12D/630-20	GN30-12D/1000-31.5	GN30-12D/1250-31.5
Rated voltage		10			
The highest voltage(kV)		12			
Rated current		400	630	1000	1250
Thermal stability of current (kA)		12.5	20	31.5	
Thermal stability time (s)		4			
Dynamic current (kA)		31.5	50	80	
Rated insulation level	Rated impulse voltage(kV)	Phase,phase 75,break 85			
	1min Frequency voltage (kV)	Phase,phase 42,break 48			

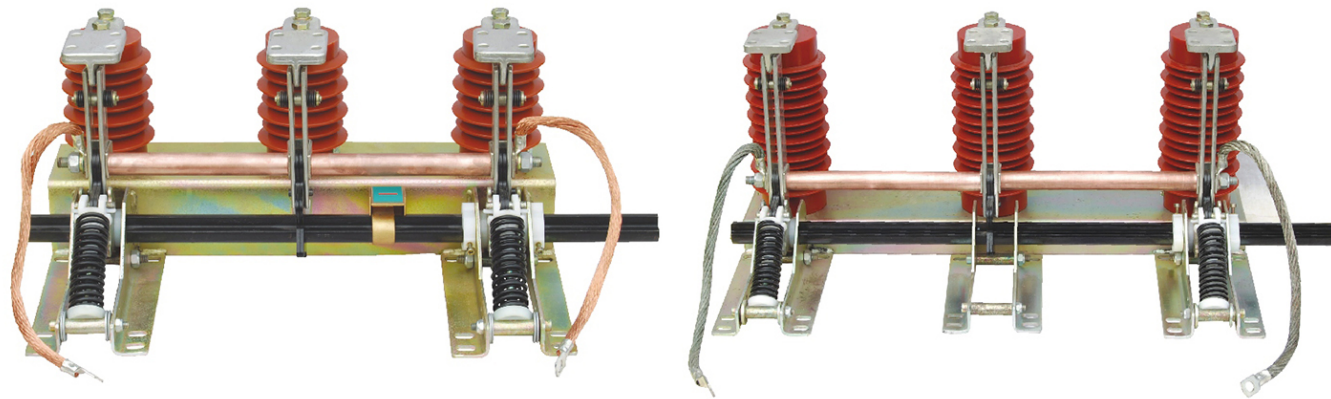
• Outline dimension

GN30-12/1250 appearance and installation dimensions

Mounting Hole
4-25 x 13 x R6.5

Indoor High-voltage Isolating Switch

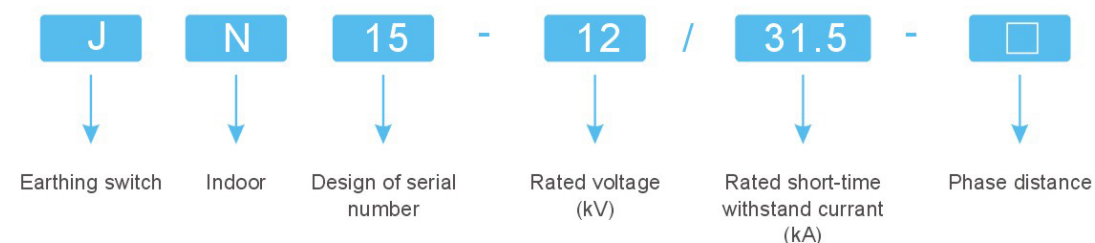
JN15-12/31.5 Series Combined Earth Switch(ES1-10/31.5)

Key of Power
Electric Professional
>

• Overview

- JN15-12/31.5 indoor HV earthing switch (hereinafter referred to as the earthing switch) is based on the needs of the market design and development of new type grounding switch my company, suitable for indoor 3~12kV three - phase AC50(60) used in power system Hz high voltage switch cabinet and the model matching, can also be used as a high voltage electrical equipment maintenance grounding.
- The grounding switch is simple and compact structure, light weight, flexible operation, convenient installation, good dynamic stability, is the ideal replacement product of JN4-10 grounding switch.

• Meaning of type



Indoor High-voltage Isolating Switch

JN15-12/31.5 Series Combined Earth Switch(ES1-10/31.5)

Key of Power
Electric Professional
>

• Working environment

- Advanced design. Reliable technical performance;
- Is simple in structure, convenient installation and debugging;
- With rapid, photosynthetic ability;
- The altitude does not exceed 1000m;
- The ambient air temperature; +40℃-10℃ upper limit, lower limit;
- Allow storage at 30℃;
- Seismic intensity does not exceed 8 degrees;
- No flammable explosive, serious dust, chemical corrosion and severe vibration.

• Installation and maintenance

- The user the open-package inspection;
- The accessories and the completeness of the documentation;
- Cheek whether the product is damaged in transit;
- Horizontal, vertical, inclined installation of the earthing switch;
- Users may need to adjust the crank arm or gear position (left or right), method is to loosen the two screws to adjust the positioning ring, beating with a wooden head spindle.
- Tip to a desired position, to tighten the screws.
- The file: product certification, specification, packing list.

• Technical data

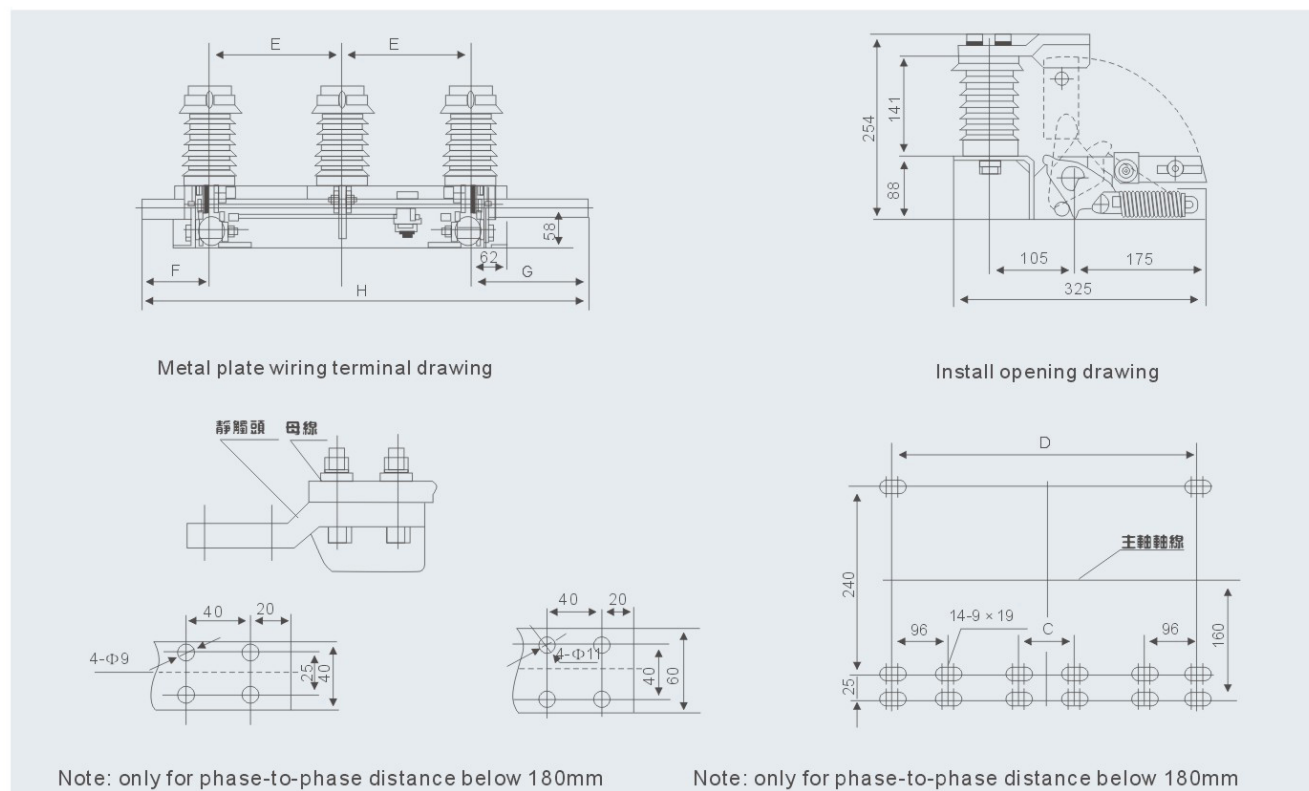
Item		Unit	Data	
Rated voltage		kV	12	
Rated short-time withstand current(thermal stability)		kA	40	
Rated short-circuit duration		S	4	
Rated short-circuit current		kA	100	
Rated peak withstand current (dynamic stability)		kA	100	
Rated insulation level	Rated short-time power-frequency withstand voltage	kV	Relative to a phase of the	42
	Rated lightning impulse withstand voltage			75
The life of the machine		Times	2000	

• Ordering information

- ordered the grounding switch, shall indicate the product modal, distance. Whether the power supply display device (display models).
- soft connection length is required (typically L=240).
- if users have special requirements, please consult with our company address.

Indoor High-voltage Isolating Switch

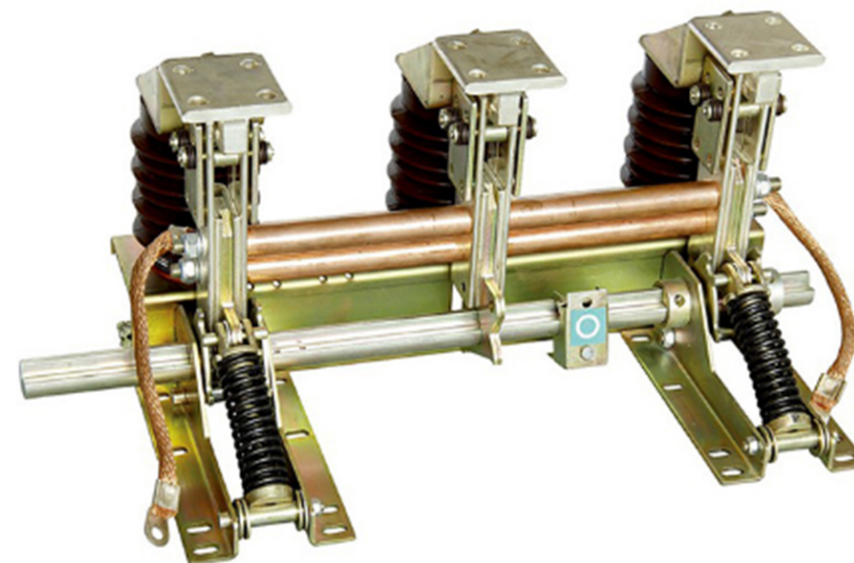
- **Outline dimension**



(Units:mm)

Model	E	F	G	H	D	C
JN15-12/31.5-165	165	75	160	565	426	
JN15-12/31.5-180	180	75	160	695	456	
JN15-12/31.5-200	200	75	160	635	496	
JN15-12/31.5-210	210	75	160	655	516	
JN15-12/31.5-220	220	75	160	675	536	
JN15-12/31.5-230	230	75	160	896	556	96
JN15-12/31.5-250	250	75	160	735	596	96
JN15-12/31.5-275	270	75	185	810	646	116

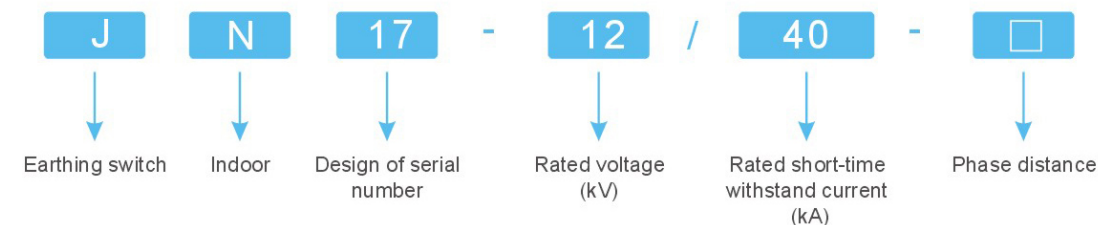
Indoor High-voltage Isolating Switch



- Overview

- JN17-12/14 (prototype JN15-12/40 with the market difference between my company changed to JN17-12/40) high-voltage grounding switch is based on a Es1 type grounding switch prototype design and development with the international advanced level of new earthing switch in our company. Structure is assembled, its performance meets the GB1985-2004 "AC high voltage isolating switch and the grounding switch" and the requirements of IEC129, suitable for indoor 3-10kV three-phase AC 50(60) of electric power system Hz: it has the ability to protect the switch equipment of other electrical equipment is not damaged partly, can use matched with various high voltage switch cabinet. As the grounding protection of high-voltage electrical equipment maintenance.

- **Meaning of type**



- **Working environment**

- Ambient air temperature: +40 °C -40 °C upper limit, lower limit.
- Altitude: not more than 1000 meters.
- Earthquake intensity: no more than 8 degrees.
- No fire, explosion. Serious dust, chemical corrosion of intense vibration.

Indoor High-voltage Isolating Switch

JN17(JN15)-12/40 Series Indoor High-voltage Grounding Switch

Key of Power
Electric Professional
>

• Installation and maintenance

- The user the open-package inspection;
- The accessories and the completeness of the documentation;
- Check whether the product is damaged in transit;
- Horizontal, vertical, inclined installation of the earthing switch;
- Users may need to adjust the crank arm or gear position (left or right), method is to loosen the two screws to adjust the positioning ring, beating with a wooden head spindle.
- Tip to a desired position, to tighten the screws;
- The file: product certification, specification, packing list.

• Technical data

Item		Unit	Data	
Rated voltage		KV	12	
Rated short-time withstand current(thermal stability)		kA	40	
Rated short-circuit duration		s	4	
Rated short-circuit current		kA	100	
Rated peak withstand current(dynamic stability)		kA	100	
Rated insulation level	Rated short-time power-frequency withstand voltage	KV	Relative to a phase of the	42
	Rated lightning impulse withstand voltage			75
The life of the machine		Times	2000	

• Ordering information

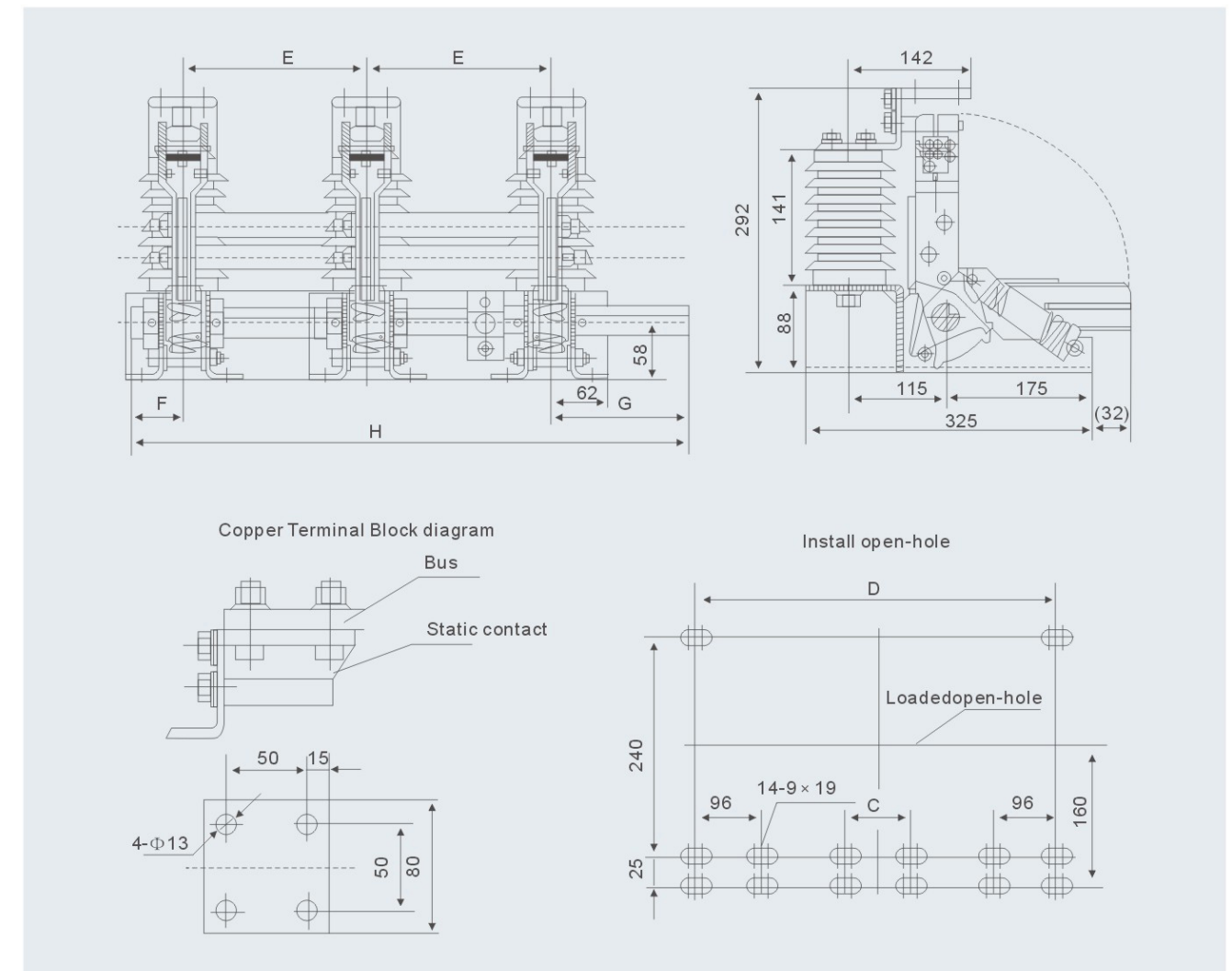
- 1, ordered the grounding switch, shall indicate the product model, distance. Whether the power supply display device (display models).
- 2, soft connection length is required (typically L=240).
- 3, ff users have special requirements, please consult with our company address.

Indoor High-voltage Isolating Switch

JN17(JN15)-12/40 Series Indoor High-voltage Grounding Switch

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• Outline dimension



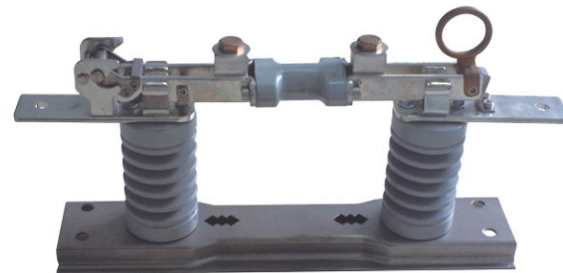
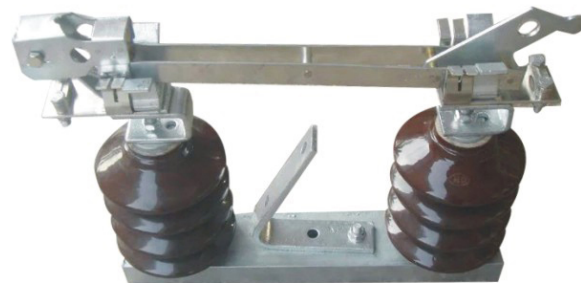
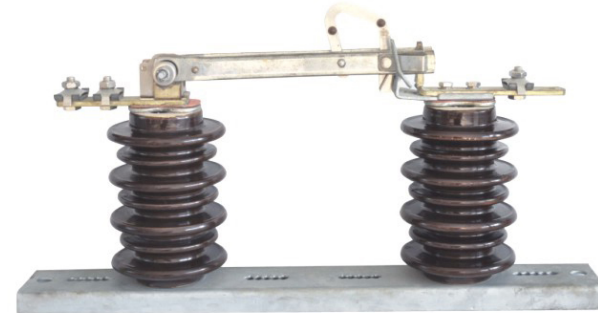
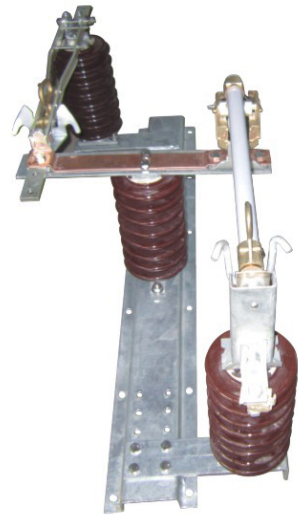
(Units:mm)

Model	E	F	G	H	D
JN17-12/40-210	210	50	185	655	516
JN17-12/40-220	220	50	185	675	536
JN17-12/40-230	230	50	85	695	556
JN17-12/40-250	250	50	185	735	596
JN17-12/40-275	275	50	210	810	646

Indoor High-voltage Switch Disconnecter

Other Series Switch disconnectors

Key of Power
Electric Professional
>



Outdoor High-voltage Switch Disconnecter

Outdoor High-voltage Isolate Switch

Key of Power
Electric Professional
>

The new product is coming soon