



KYN28 (61) 柜12kV、24kV、40.5kV

Medium Vol Tage Switchgear Accessories



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Integrated industry and trade manufacturing company established in 1987. It is a designated accessory manufacturer by the China Electrical Equipment Industry Association, the Electric Control Industry Association and relevant state ministries and commissions, and a governing unit of the Electrical Machinery and Equipment Structure Branch of the China Electrical Equipment Industry Association. There are more than 1,000 products, covering all low-voltage switchgear accessories listed as MNS, GCS, GCK, R-Blokset, R-Okken, etc. Main circuit connectors, auxiliary circuit connectors, switch operating mechanisms, MNS, GCS insulating parts, cable connection unit, switchgear door locks and other series of products have been repeatedly rated as industry recommended products and Zhejiang Province market trusted famous and high-quality products.

CNC laser cuttings machines, folding machines, 63-ton punching machines, 630~4500g fully automatic computer-controlled injection molding machines, etc. Temperature rise testing equipment, voltage testers, resistance testers and other related testing equipment.

We always adhered to the corporate purpose of quality-oriented, hard innovation, sincere service, and steady development. With the care and help of all sectors of society, it has continued to grow. ISO 9001:2000 quality system certificated, which has built a bridge of credibility for domestic and foreign sales. We sincerely hope to strengthen cooperation and create brilliance together.

QUALIFICATION
CERTIFICATE AUTHORITY



QUALIFICATION
PROFILE



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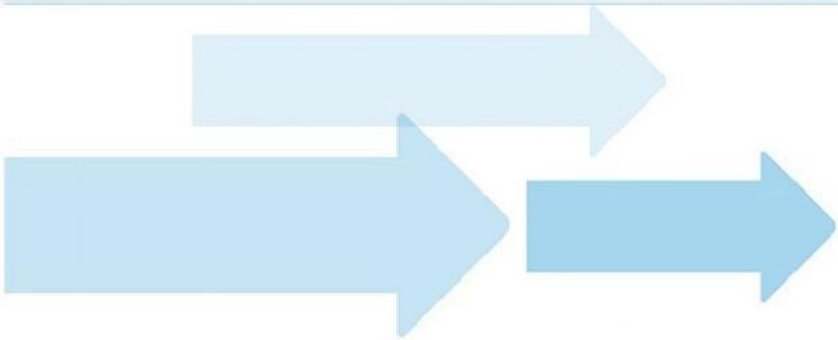
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Series combined earthing switch

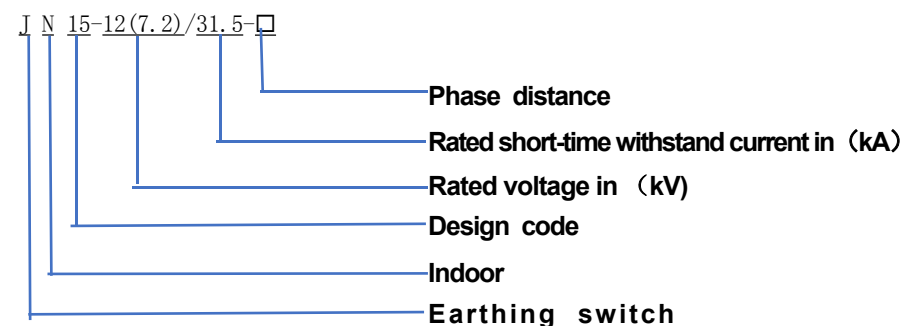


Series combined earthing switch

JN15-12(7.2)/31.5 series combined earthing switch



◆ Model No.and Description



◆ Description

JN15-12 (7.2) /31.5 combined type earthing switch is in assembled structure, according to GB1985-2004 standard (AC high voltage isolating switch and earthing switch) and IEC129, used in indoor 3 phases AC 50(60)Hz 3-12kV electric power system. It has making capacity, able to protect other electrical equipment in the switchgear from damages, and be compatible with various high-voltage switchboard, to provide earthing protection during the maintenance of high-voltage electrical appliances.

◆Environment conditions for using

1. Ambient temperature:-25°~+40°C
2. Altitude height: Below 1000m
3. Humidity conditions: daily relative humidity below 95%, monthly relative humidity below 90%;
4. Earthquake intensity not exceeding 8 in Richter Scale
5. Degree of pollution: class 11

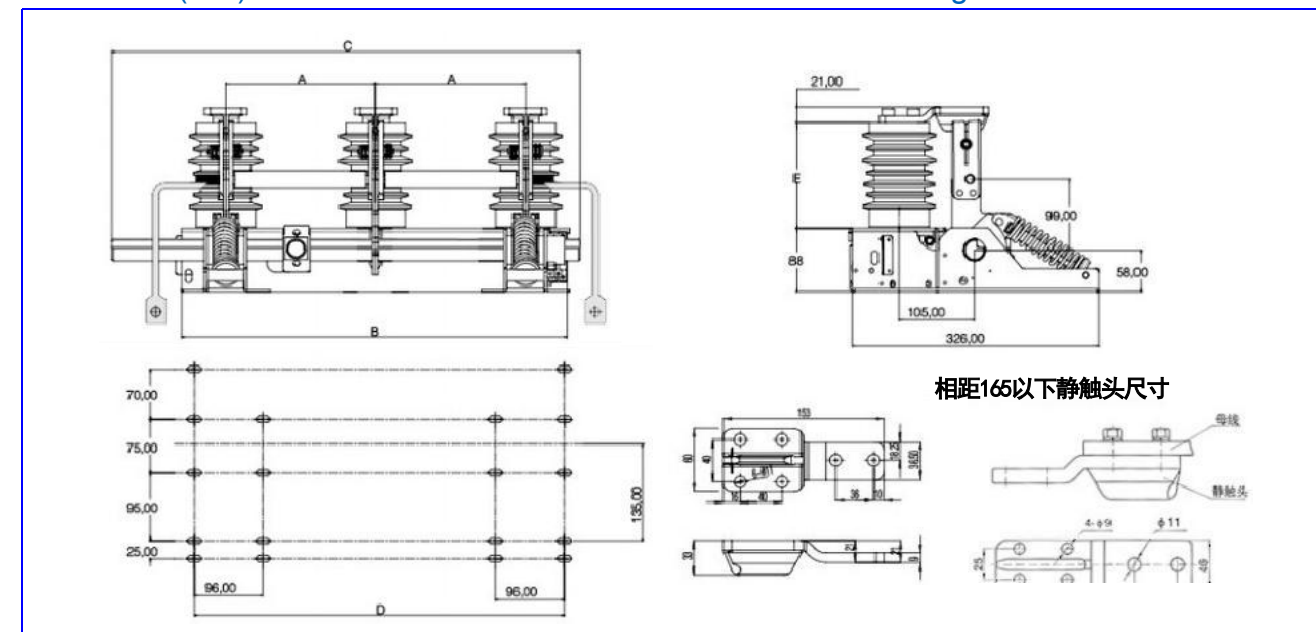
Establish a career with precision and win with quality

JN15-12(7.2)/31.5 series combined earthing switch

◆ Main technical parameters

Main technical parameters		Unit	Technical Data	
Rated voltage		kV	12	
Rated short-time withstand current		kA	31.5	
Rated short-circuit duration		S	4	
Rated short-circuit making current		kA	80	
Rated peak withstand current		kA	80	
Rated Insulation Level	Power frequency withstand voltage	kV	relphase dristancend	42
	Rated insulation leveland vottage	kV		75
Mechanical life		次	3000	

◆ JN15-12(7.2)/31.5 Outline and installation dimension drawing



◆ JN15-12(7.2)/31.5 Model No.and dimensions

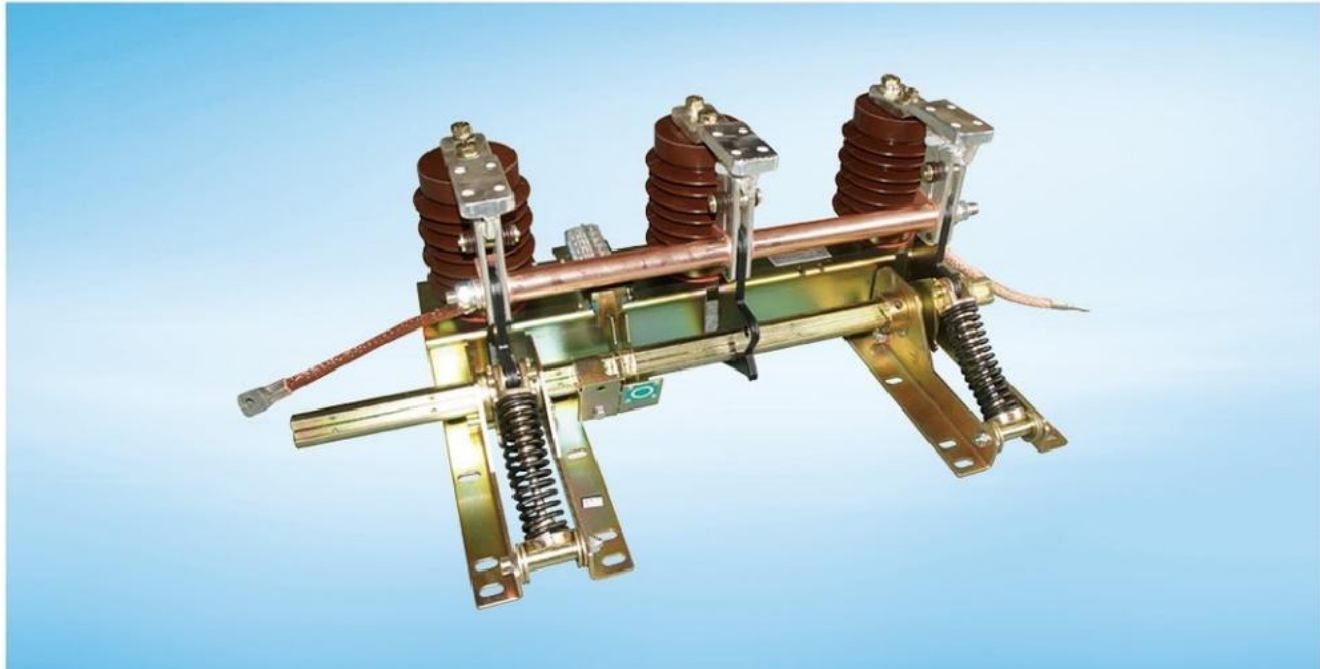
Model No.	A	B	C	D	Plateau type ratio sensor height E
JN15-12/31.5-150	150	424	535	396	
JN15-12/31.5-165	165	454	565	426	Under 1000M 145 Under 2000M 170 Under 3000M 185 Under 4000M 210
JN15-12/31.5-210	210	544	655	516	
JN15-12/31.5-250	250	624	735	596	
JN15-12/31.5-275	275	674	785	646	

◆ Order instruction:

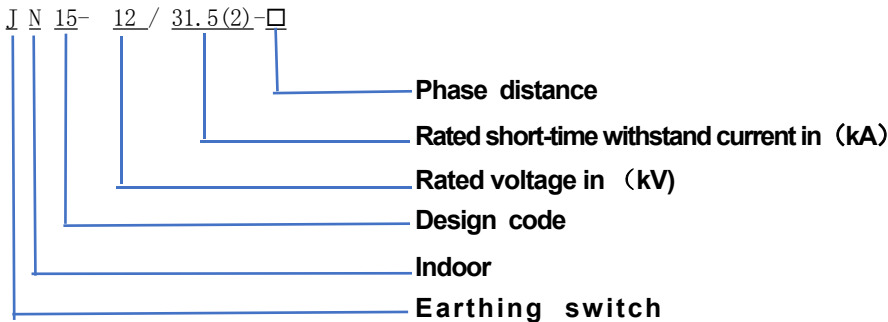
1. When ordering earthing switch, please indicate the model no., description, with or without charged display
2. Clarify the operation shaft directions, usually will
3. If any special requirements, please contact technical.

Series combined earthing switch

JN15-12/31.5(2) series combined earthing switch



Model No.and Description



Description

JN15-12 (7.2) /31.5 combined type earthing switch is in assembled structure,according to GB1985-2004 standard(Ac high voltage isolating switch and earthing switch)and IEC129,used in indoor 3 phases AC 50(60)Hz 3-12kV electric power system It has making capacity, able to protect other electrical equipment in the switchgear from damages,and be compatible with various high-voltage switchboard,to provide earthing protection during the maintenance of high-voltage electrical appliances.

Environment conditions for using

- 1.Ambient temperature:-25~+40℃
- 2.Altitude height:Below 1000m
- 3.Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4.Earthquake intensity not exceeding 8 in Richter Scale
- 5.Degree ofpollution:class 11

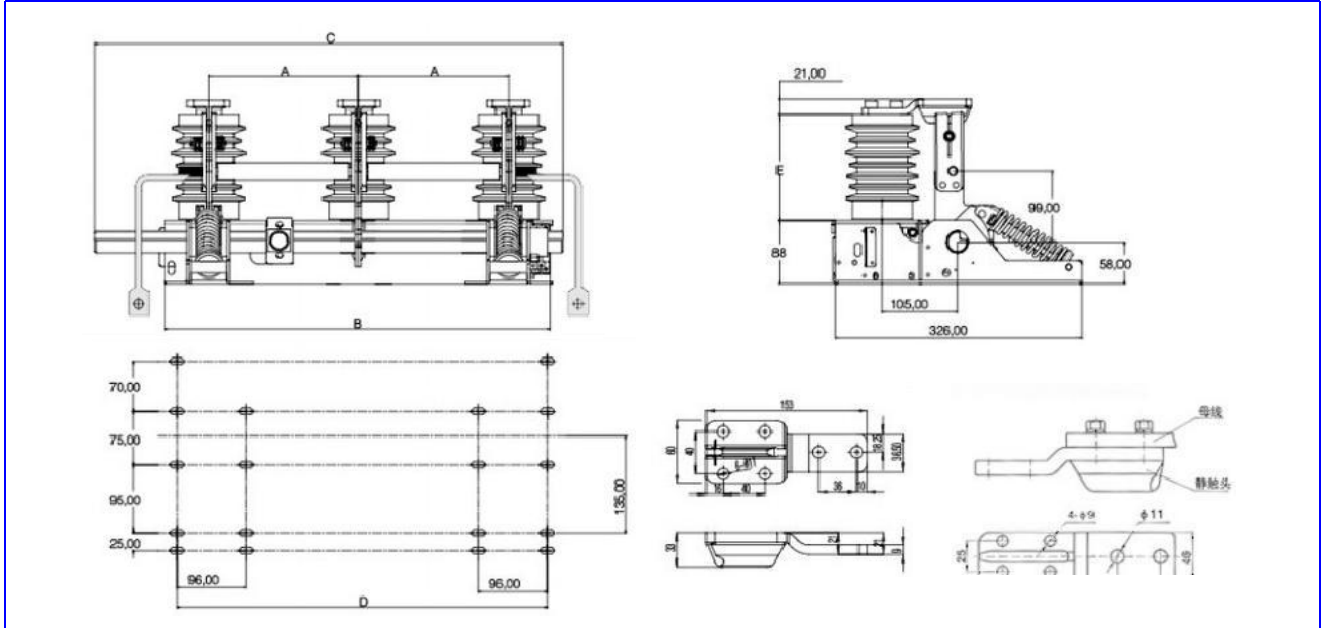
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JN15-12/31.5(2) series combined earthing switch

Main technical parameters

Main technical parameters		U n i t	Technical Data	
Rated voltage		kV	12	
Rated short-time withstand current		kA	31.5	
Rated short-circuit duration		S	4	
Rated short-circuit making current		kA	80	
Rated peak withstand current		kA	80	
Rated Insulation Level	Power frequency withstand voltage	kV	relpahase dristancend	42
	Rated insulation leveland votage	kV		75
Mechanical life		次	3000	

JN15-12/31.5(2) Outine and installation dimension drawing



JN15-12/31.5(2) Model No.and dimensions

Model No.	A	B	C	D	Plateau type ratio sensor height E
JN15-12/31.5(2)-150	150	424	535	396	
JN15-12/31.5(2)-165	165	454	565	426	Under 1000M 145 Under 2000M 170 Under 3000M 185 Under 4000M 210
JN15-12/31.5(2)-210	210	544	655	516	
JN15-12/31.5(2)-250	250	624	735	596	
JN15-12/31.5(2)-275	275	674	785	646	

Order instruction:

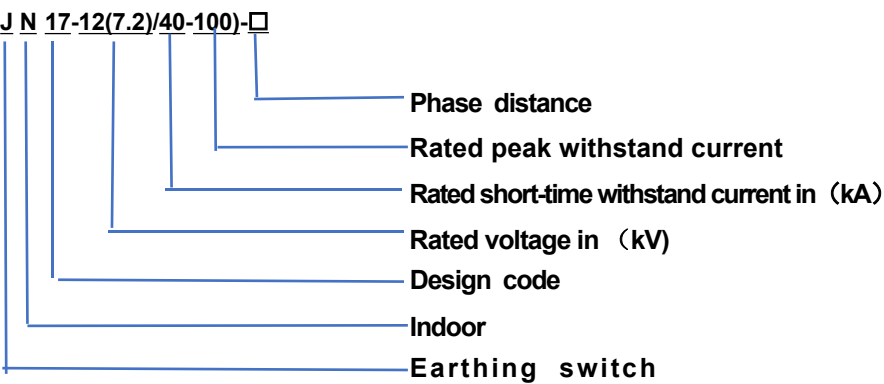
- 1.When ordering earthing switch,please indicate the model no.,description,with or without charged display
- 2.laieriglicate the operation shaft directions,usually will
- 3.If any special requirements,please contact technical.

Series combined earthing switch

JN17-12(7.2)/40-100 series combined earthing switch



◆ Model No.and Description



◆Description

JN17-12 (7.2) /40-100 combined type earthing switch is in assembled structure,according to GB1985-2004 standard(Ac high voltage isolating switch and earthing switch)and IEC129,used in indoor 3 phases AC 50(60)Hz 3-12kV electric power system It has making capacity, able to protect other electrical equipment in the switchgear from damages,and be compatible with various high-voltage switchboard,to provide earthing protection during the maintenance of high-voltage electrical appliances., It is easy and convenient to operate, and can also be used as grounding protection during maintenance of high-voltage electrical equipment.

◆Environment conditions for using

- 1.Ambient temperature:-25°~+40°C
- 2.Altitude height:Below 1000m
- 3.Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4.Earthquake intensity not exceeding 8 in Richter Scale
- 5.Degree of pollution:class 11

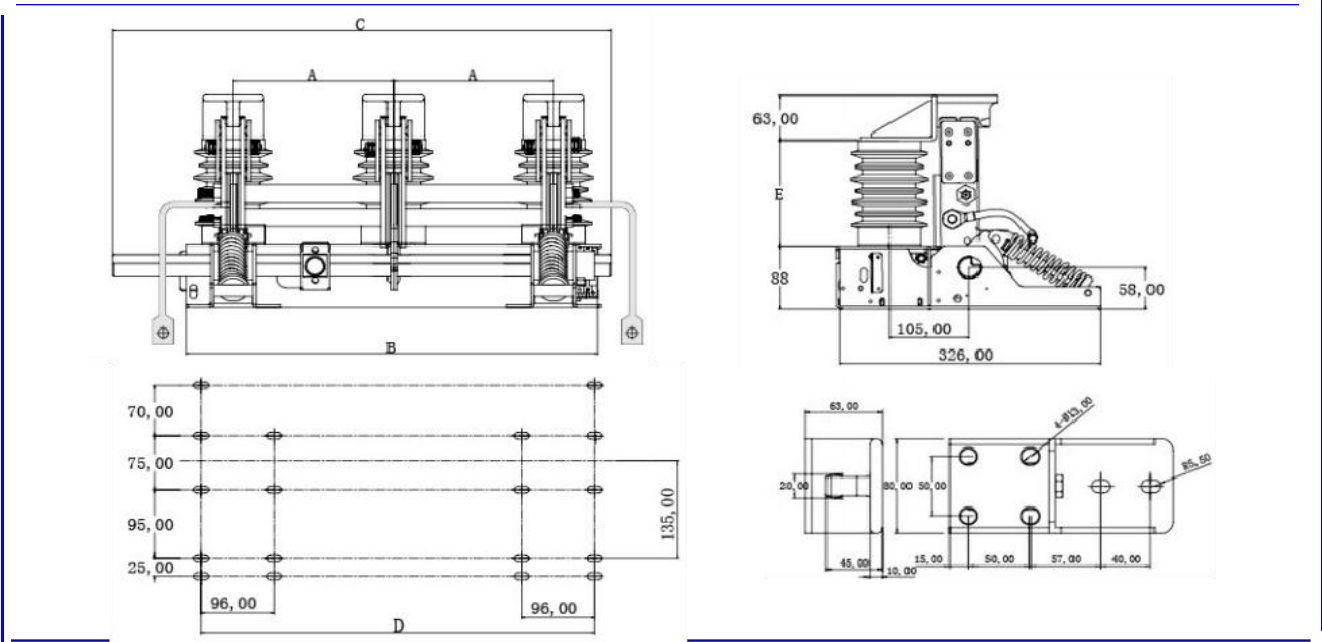
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JN17-12(7.2)/40-100 series combined earthing switch

◆Main technical parameters

Main technical parameters	U n i t	Technical Data	
Rated voltage	kV	12	
Rated short-time withstand current	kA	40	
Rated short-circuit duration	S	4	
Rated short-circuit making current	kA	100	
Rated peak withstand current	kA	100	
Rated Insulation Level	Power frequency withstand voltage	kV	relpahase
	Rated insulation leveland votage	kV	dristancend
Mechanical life		次	3000

◆JN17-12(7.2)/40-100 Outine and installation dimension drawing



◆ Model No.and dimensions

Model No.	A	B	C	D	Plateau type ratio sensor height E
JN17-12/40-150	50	424	535	396	Under 1000M 145 Under 2000M 170 Under 3000M 185 Under 4000M 210
JN] 7-12/40-164	65	454	565	426	
JN17-12/40-210	210	544	655	516	
JN17-12/40-250	250	624	735	596	
JN17-12/40-275	275	674	785	646	

◆Order instruction:

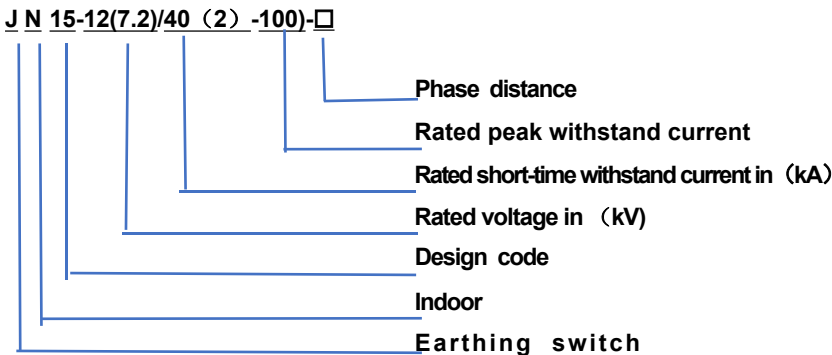
- 1.When ordering earthing switch,please indicate the model no.,description,with or without charged display
- 2.laieriglicate the operation shaft directions,usually will
- 3.If any special requirements,please contact technical.

Series combined earthing switch

JN15-12(7.2)/40(2)-100 series combined earthing switch



Model No.and Description



Description

JN17-12 (7.2) /40 (2) -100 combined type earthing switch is in assembled structure,according to GB1985-2004 standard(Ac high voltage isolating switch and earthing switch)and IEC129,used in indoor 3 phases AC 50(60)Hz 3-12kV electric power system It has making capacity, able to protect other electrical equipment in the switchgear from damages,and be compatible with various high-voltage switchboard,to provide earthing protection during the maintenance of high-voltage electrical appliances., It is easy and convenient to operate, and can also be used as grounding protection during maintenance of high-voltage electrical equipment.

Environment conditions for using

- 1.Ambient temperature:-25°~+40°C
- 2.Altitude height:Below 1000m
- 3.Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4.Earthquake intensity not exceeding 8 in Richter Scale
- 5.Degree ofpollution:class 11

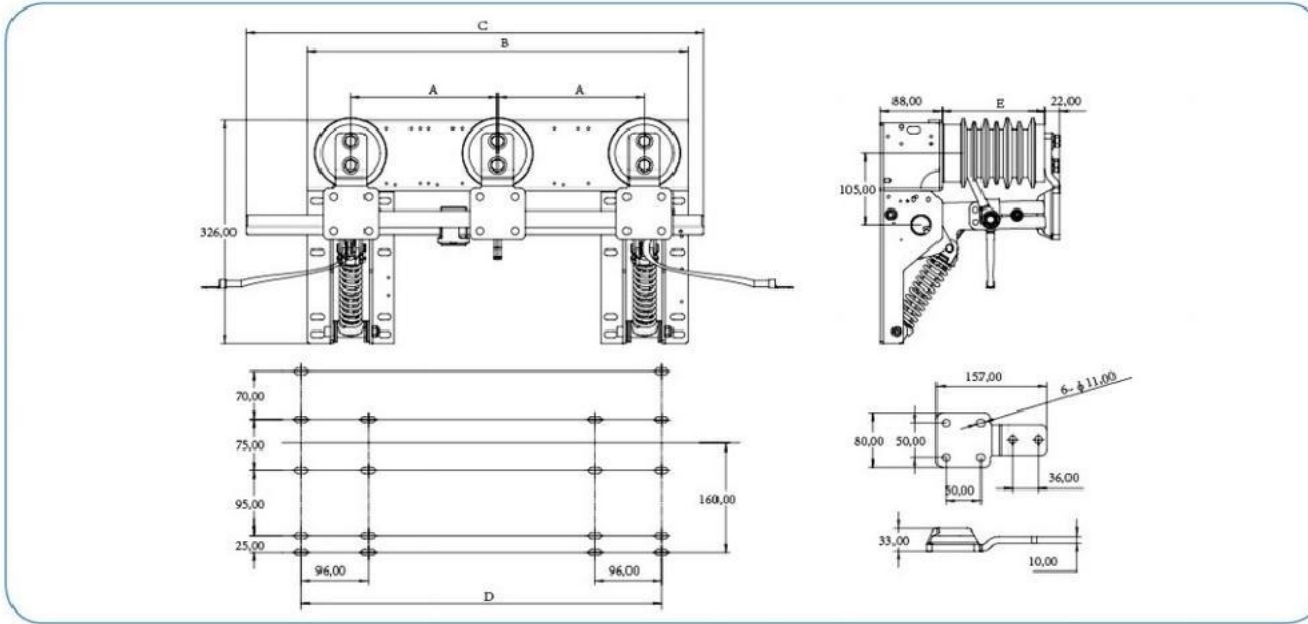
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JN15-12(7.2)/40(2)-100 series combined earthing switch

Main technical parameters

Main technical parameters		U n i t	Technical Data	
Rated voltage		kV	12	
Rated short-time withstand current		kA	40	
Rated short-circuit duration		S	4	
Rated short-circuit making current		kA	100	
Rated peak withstand current		kA	100	
Rated Insulation Level	Power frequency withstand voltage	kV	relpahase dristancend	42
	Rated insulation leveland vottage	kV		75
Mechanical life		次	3000	

JN15-12(7.2)/40(2)-100Outline and installation dimension drawing



Model No.and dimensions

Model No.	A	B	C	D	Plateau type ratio sensor height E
JN15-12/40 (2) -150	150	424	535	396	Under 1000M 145 Under 2000M 170 Under 3000M 185 Under 4000M 210
JN15-12/40 (2) -165	165	454	565	426	
JN15-12/40 (2) -210	210	544	655	516	
JN15-12/40 (2) -250	250	624	735	596	
JN15-12/40 (2) -275	275	674	785	646	

Order instruction:

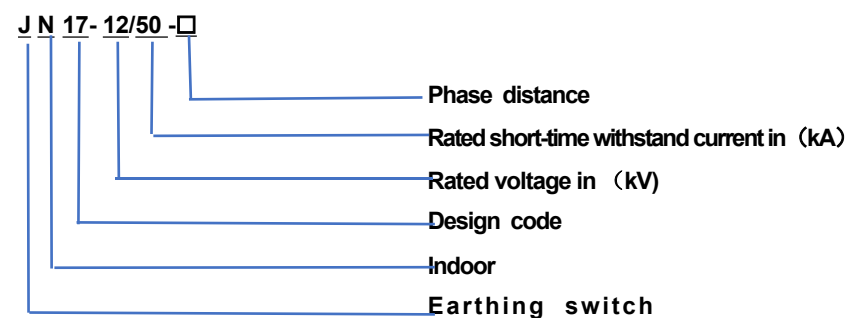
- 1.When ordering earthing switch,please indicate the model no.,description,with or without charged display
- 2.laierglicate the operation shaft directions,usually will
- 3.If any special requirements,please contact technical.

Series combined earthing switch

JN17-12/50 series combined earthing switch



◆ Model No.and Description



◆ Description

JN17-12/50 combined type earthing switch is in assembled structure, according to GB1985-2004 standard (AC high voltage isolating switch and earthing switch) and IEC129, used in indoor 3 phases AC 50(60)Hz 3-12kV electric power system. It has making capacity, able to protect other electrical equipment in the switchgear from damages, and be compatible with various high-voltage switchboard, to provide earthing protection during the maintenance of high-voltage electrical appliances. It is easy and convenient to operate, and can also be used as grounding protection during maintenance of high-voltage electrical equipment.

◆Environment conditions for using

1. Ambient temperature:-25°~+40°C
- 2.Altitude height:Below 1000m
- 3.Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4.Earthquake intensity not exceeding 8 in Richter Scale
- 5.Degree of pollution:class 11

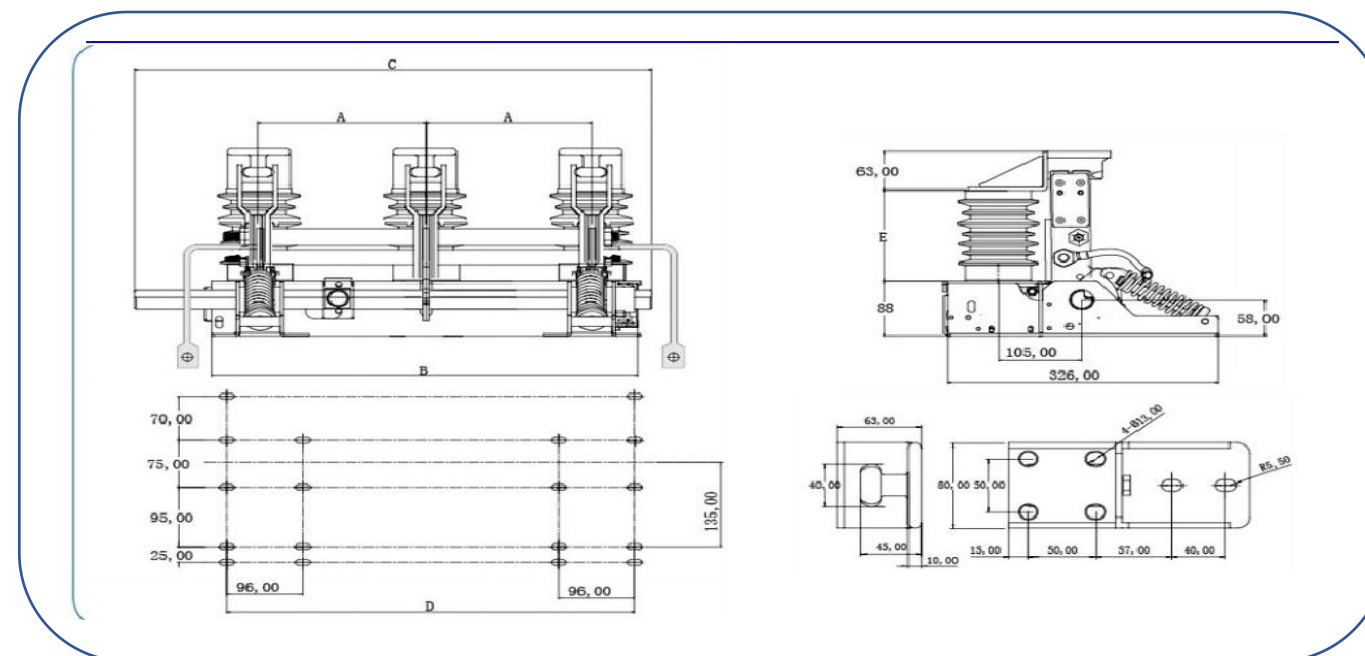
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JN17-12/50 series combined earthing switch

◆ Main technical parameters

Main technical parameters		U n i t	Technical Data	
Rated voltage		kV	12	
Rated short-time withstand current		kA	50	
Rated short-circuit duration		S	2	
Rated short-circuit making current		kA	125	
Rated peak withstand current		kA	125	
Rated Insulation Level	Power frequency withstand voltage	kV	relpahase dristancend	42
	Rated insulation leveland votage	kV		75
Mechanical life		次	3000	

◆JN17-12/50 Outline and installation dimension drawing



◆ Model No.and dimensions

Model No.	A	B	C	D	Plateau type ratio sensor height E
JN17-12/50-210	210	544	655	516	Under 1000M 145
JN17-12/50-250	250	624	735	596	Under 2000M 170
JN17-12/50-275	275	674	785	646	Under 3000M 185
					Under 4000M 210

◆ Order instruction:

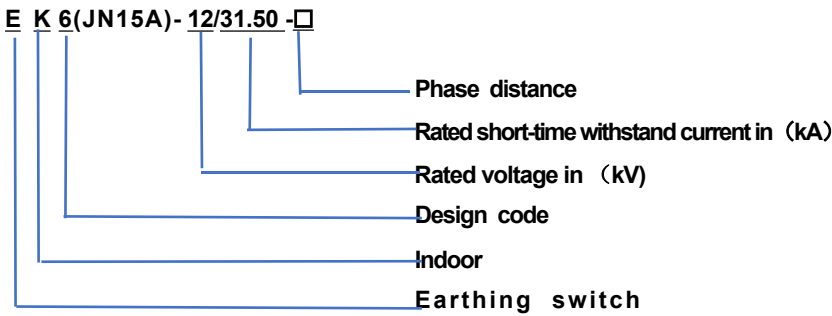
1. When ordering earthing switch, please indicate the model no., description, with or without charged display
2. Indicate the operation shaft directions, usually will
3. If any special requirements, please contact technical.

Series combined earthing switch

EK6(JN15A)-12/31.5 series combined earthing switch



Model No.and Description



Description

EK6(JN15A)-12/31.5 combined type earthing switch is in assembled structure,according to GB1985-2004 standard(Ac high voltage solating switch and earthing switch)and IEC129,used in indoor 3 phasesAC 50(60)Hz 3-12kV electric power system It has making capacity,able to protect other electrical equipment in the switchgear from damages,and be compatible with various high-voltage switchboard,to provide earthing protection during the maintenance of high-voltage electrical appliances.

Environment conditions for using

- 1.Ambient temperature:-25°~+40°C
- 2.Altitude height:Below 1000m
- 3.Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4.Earthquake intensity not exceeding 8 in Richter Scale
- 5.Degree ofpollution:class 11

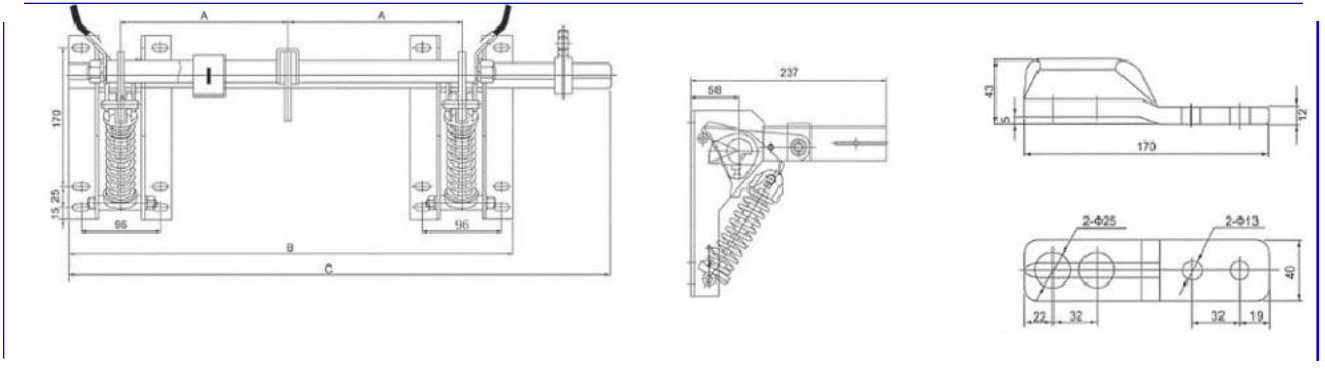
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EK6(JN15A)-12/31.5 series combined earthing switch

Main technical parameters

Main technical parameters		U n i t	Technical Data	
Rated voltage		kV	12	
Rated short-time withstand current		kA	31.5	
Rated short-circuit duration		S	4	
Rated short-circuit making current		kA	80	
Rated peak withstand current		kA	80	
Rated Insulation Level	Power frequency withstand voltage	kV	relpahase dristancend	42
	Rated insulation leveland votage	kV		75
Mechanical life		次	3000	

EK6 (JN15A)-12/31.5 Outine and installation dimension drawing



Model No.and dimensions

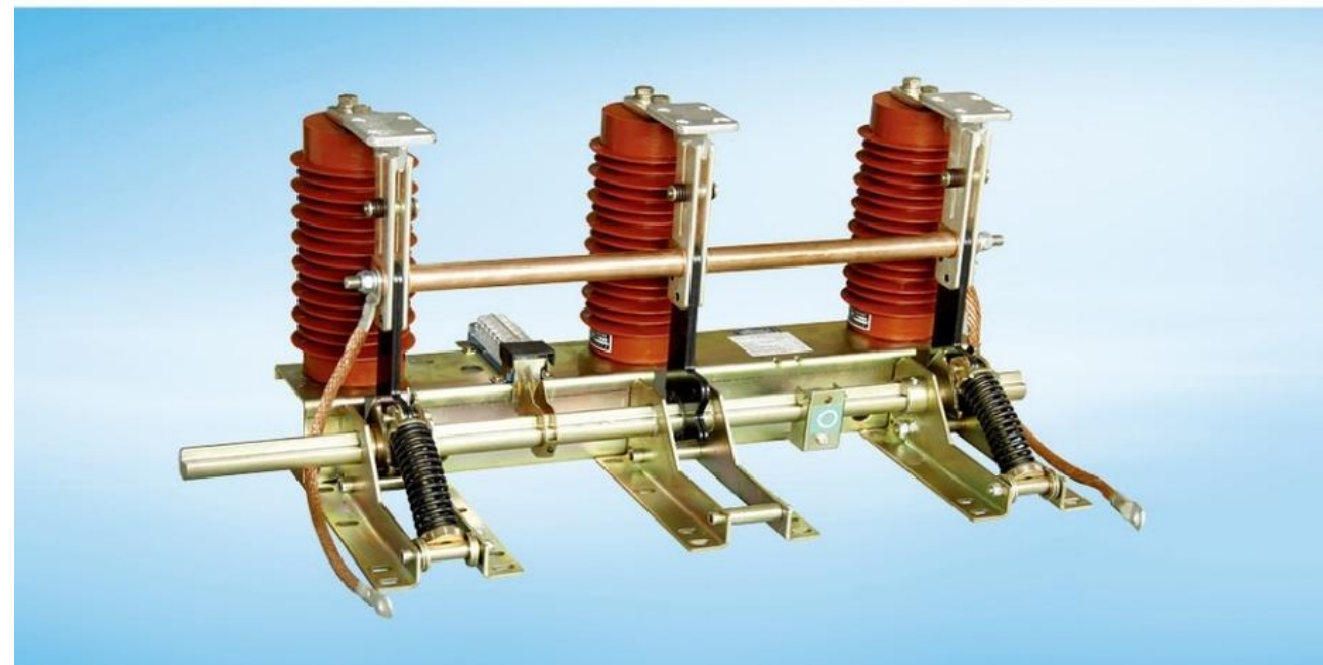
Model No.	A	B	C	D
EK6JN15A)-12/31.5-150	150	424	535	396
EK6JN15A)-12/31.5-165	165	454	565	426
EK6 (JN15A)-12/31.5-190	190	504	615	476
EK6JN15A)-12/31.5-200	200	524	635	496
EK6JN15A)-12/31.5-210	210	544	655	516
EK6 (JN15A)-12/31.5-230	230	584	695	556
EK6JN15A)-12/31.5-250	250	624	735	596
EK6JN15A)-12/31.5-275	275	674	785	646

Order instruction:

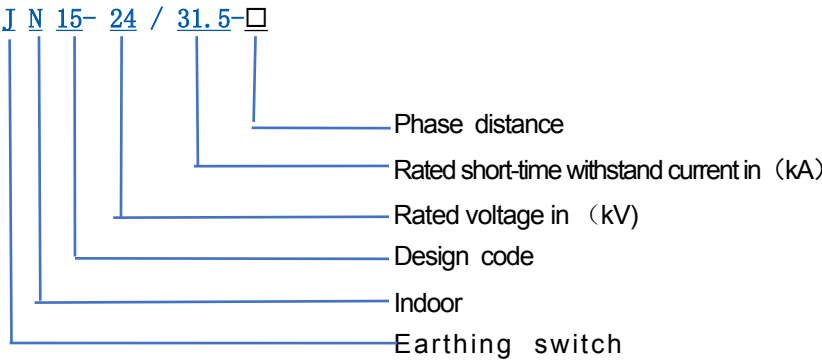
- 1.When ordering earthing switch,please indicate the model no.,description,with or without charged display
- 2.laieriglicate the operation shaft directions,usually will
- 3.If any special requirements,please contact technical.

Series combined earthing switch

JN15-24/31.5 series combined earthing switch



Model No.and Description



Description

JN15-24/31.5 combined type earthing switch is in assembled structure,according to GB1985-2004 standard (Ac high voltage isolating able to protect other electrical equipment in the switchgear from damages,and be compatible with various high-voltage switchboard,to provide earthing protection during the maintenance of high-voltage electrical appliances.

Environment conditions for using

- 1.Ambient temperature:-10°~+40°C
- 2.Altitude height:Below 1000m
- 3.Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4.Earthquake intensity not exceeding 8 in Richter Scale
- 5.Degree of pollution:class 11

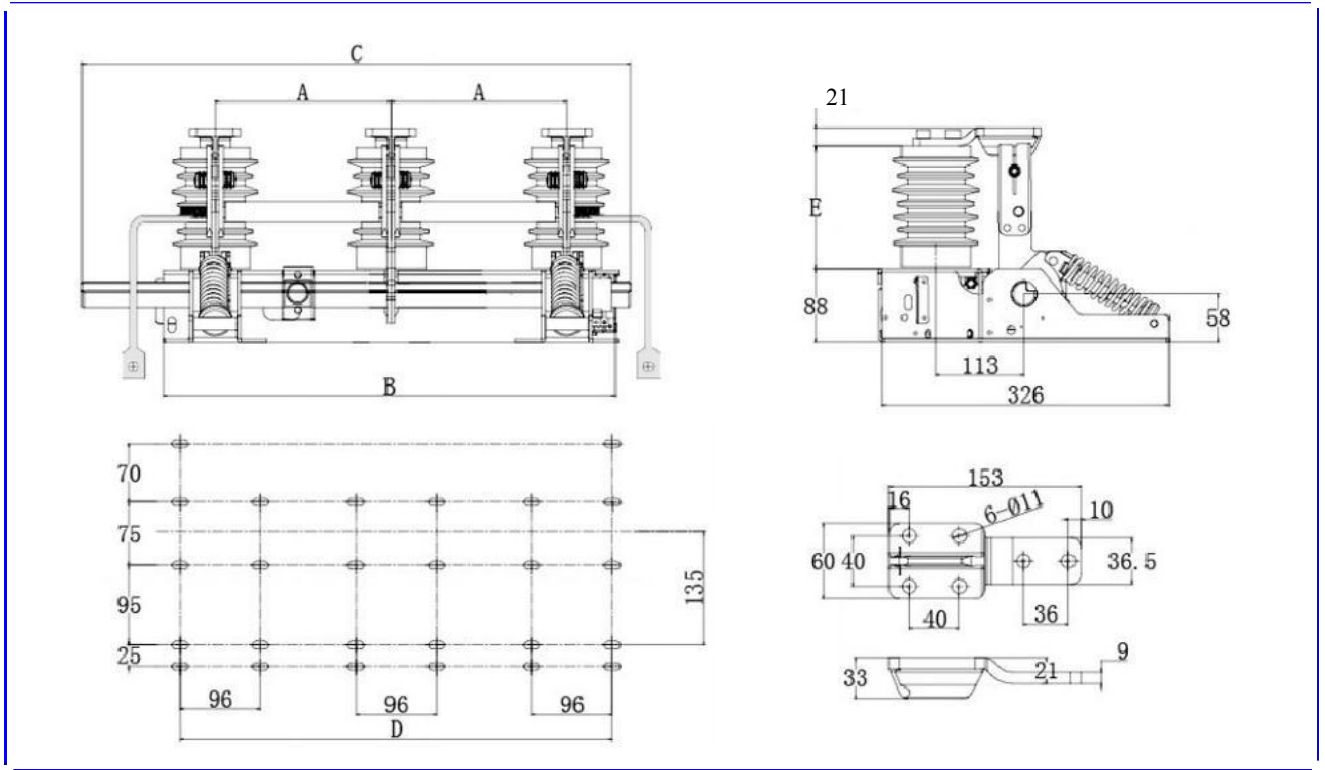
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JN15-24/31.5 series combined earthing switch

Main technical parameters

Main technical parameters		Unit	Technical Data	
Rated voltage		kV	24	
Rated short-time withstand current		kA	31.5	
Rated short-circuit duration		S	4	
Rated short-circuit making current		kA	80	
Rated peak withstand current		kA	80	
Rated Insulation Level	Power frequency withstand voltage	kV	relpahase dristancend	65
	Rated insulation leveland votage	kV		125
Mechanical life		次	2000	

Outline and installation dimension drawing

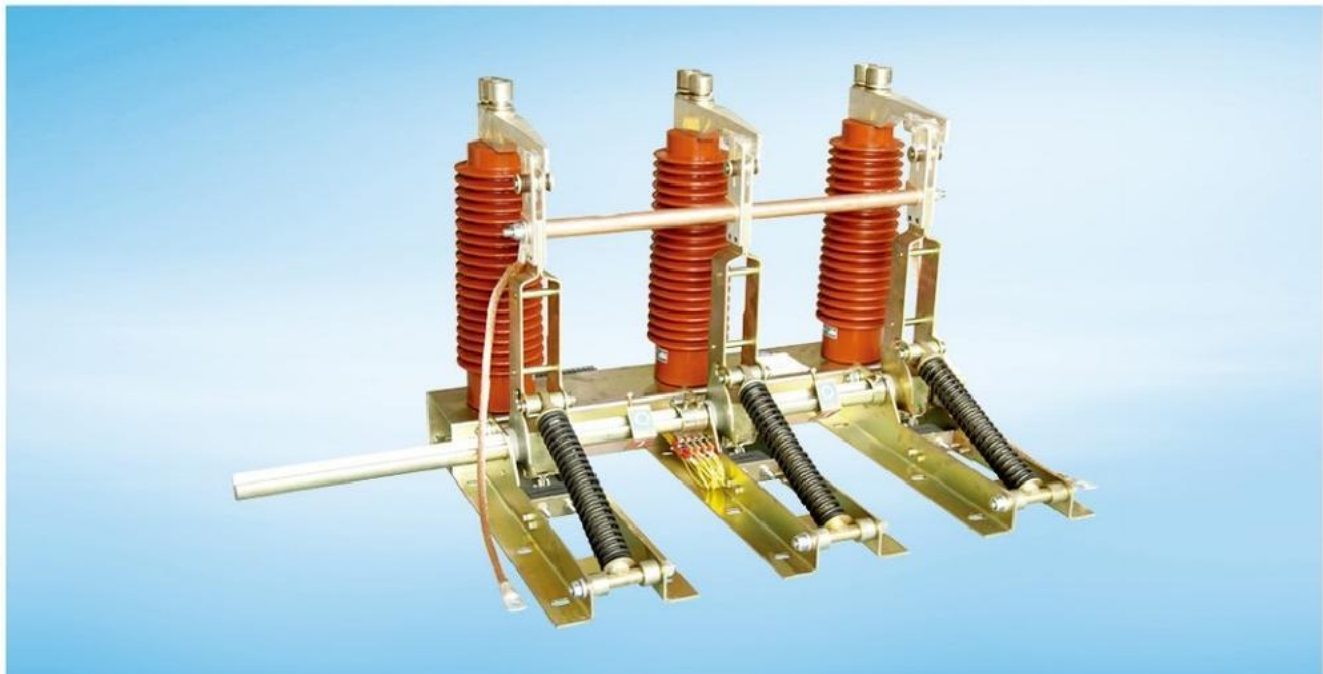


Model No.and dimensions

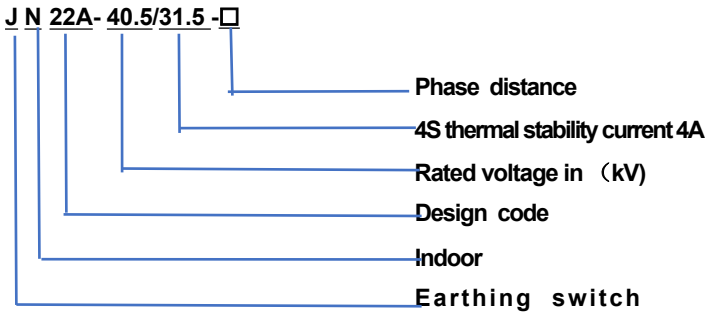
Model No.	A	B	C	D	Sensor Height E
JN15-24/31.5-210	210	544	655	516	225~240
JN15-24/31.5-275	275	674	785	646	

Series combined earthing switch

JN22A-40.5/31.5 series combined earthing switch



Model No.and Description



Description

The JN22A-40.5/31.5 indoor high-voltage earthing switch (hereinafter referred to as the earthing switch) is a new product developed by the company. Its performance meets the requirements of the national standard GB1985-2004 "AC high-voltage disconnecter and earthing switch" and IEC62271-102:2002. It is suitable for three-phase rated voltage 40.5kV, AC 50Hz power system, and can be used with KYN61-40.5 high-voltage switchgear and other types of high-voltage switchgear as grounding protection during maintenance of high-voltage electrical equipment.

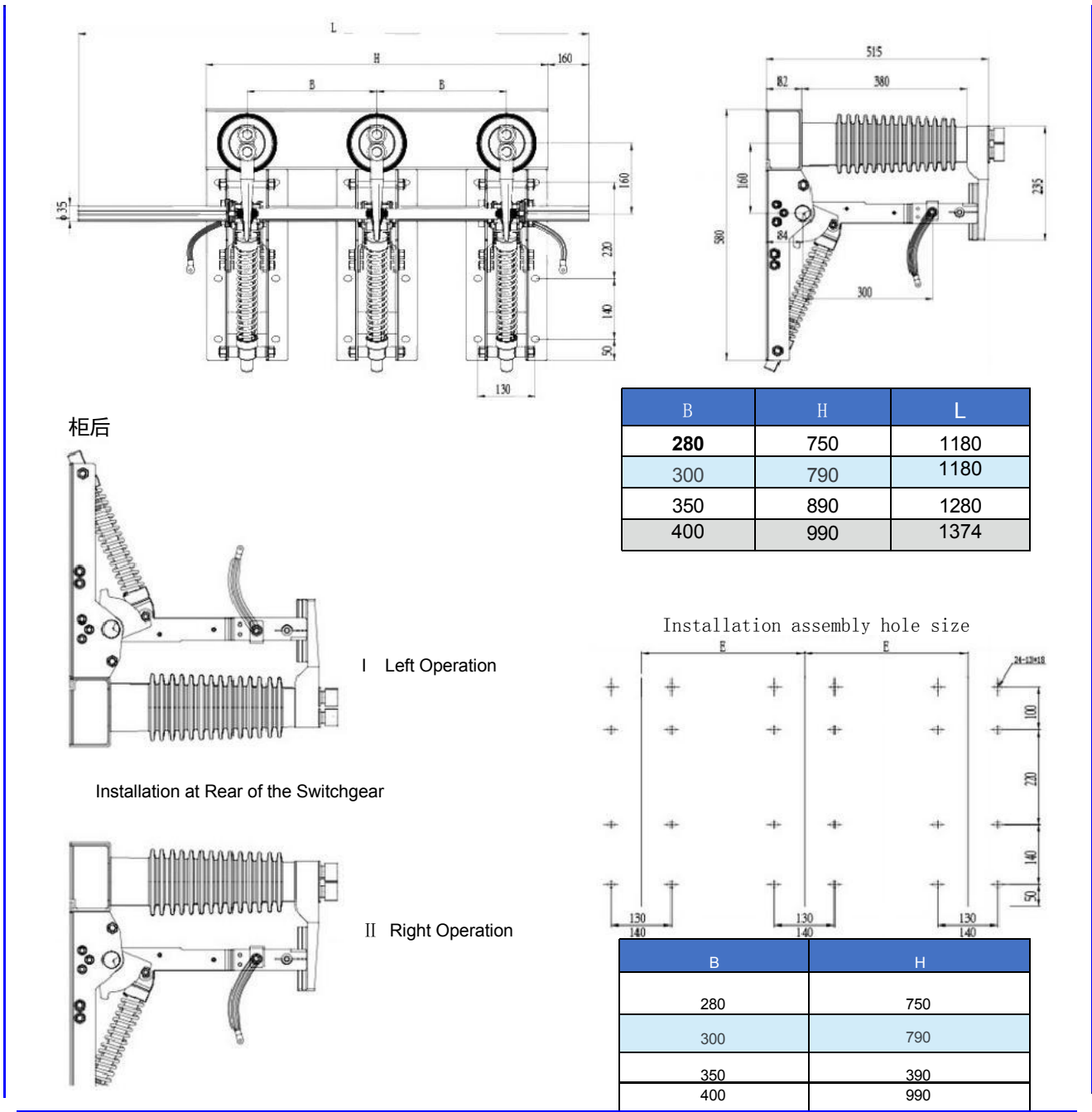
Environment conditions for using

- 1.Ambient temperature:-25°~+40°C
- 2.Altitude height:Below 1000m
- 3.Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4.Earthquake intensity not exceeding 8 in Richter Scale
- 5.Degree of pollution:class 11

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JN22A-40.5/31.5 series combined earthing switch

JN22A-40.5/31.5 Outline and installation dimension drawing

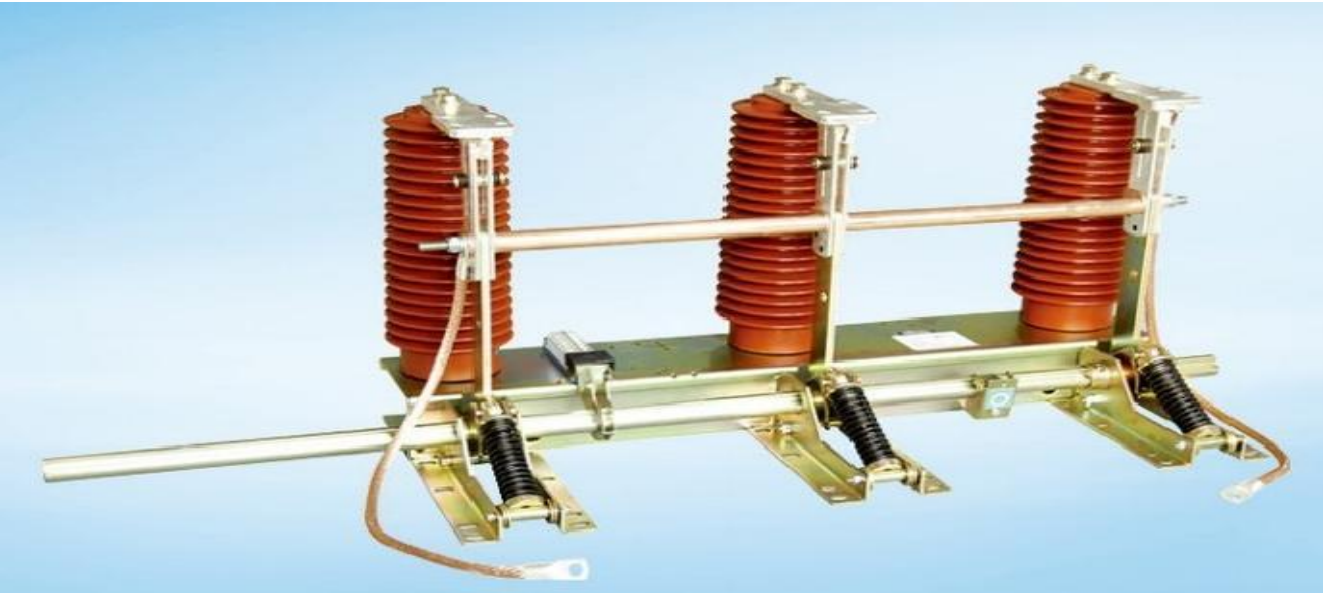


Order instruction:

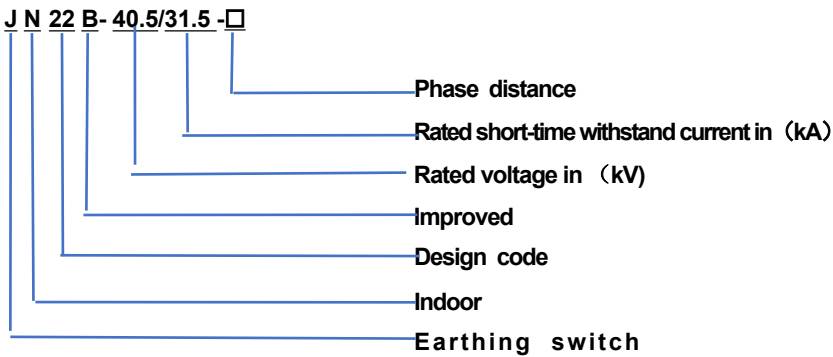
1. Please indicate the product model, rated voltage, and phase distance.
2. When a gear operating mechanism is required, please follow the left or right operating position shown in the figure (the figure shows the left operating mode), and indicate the right operating mechanism or left operating mechanism accordingly.
3. When sensor display device is required, please indicate the display type mode.
4. If the user has special requirements, detailed supply specifications can be negotiated separately.

Series combined earthing switch

JN22B-40.5/31.5 series combined earthing switch



◆Model No.and Description



◆Description

The JN22B-40.5/31.5 indoor high-voltage earthing switch (hereinafter referred to as the earthing switch) is a new product developed by the company. Its performance meets the requirements of the national standard GB1985-2004 "AC high-voltage disconnector and earthing switch" and IEC62271-102:2002. It is suitable for three-phase rated voltage 40.5kV, AC 50Hz power system, and can be used with KYN61-40.5 high-voltage switchgear and other types of high-voltage switchgear as grounding protection during maintenance of high-voltage electrical equipment.

JN22B-40.5/31.5 indoor high-voltage earthing switch is improved on the basis of the above earthing switch. It has a simple and compact structure, consistent performance, and is easy to operate at a small angle. It is the same as the JN15-12 series and can use the connection and transmission parts of the JN15-12 series.

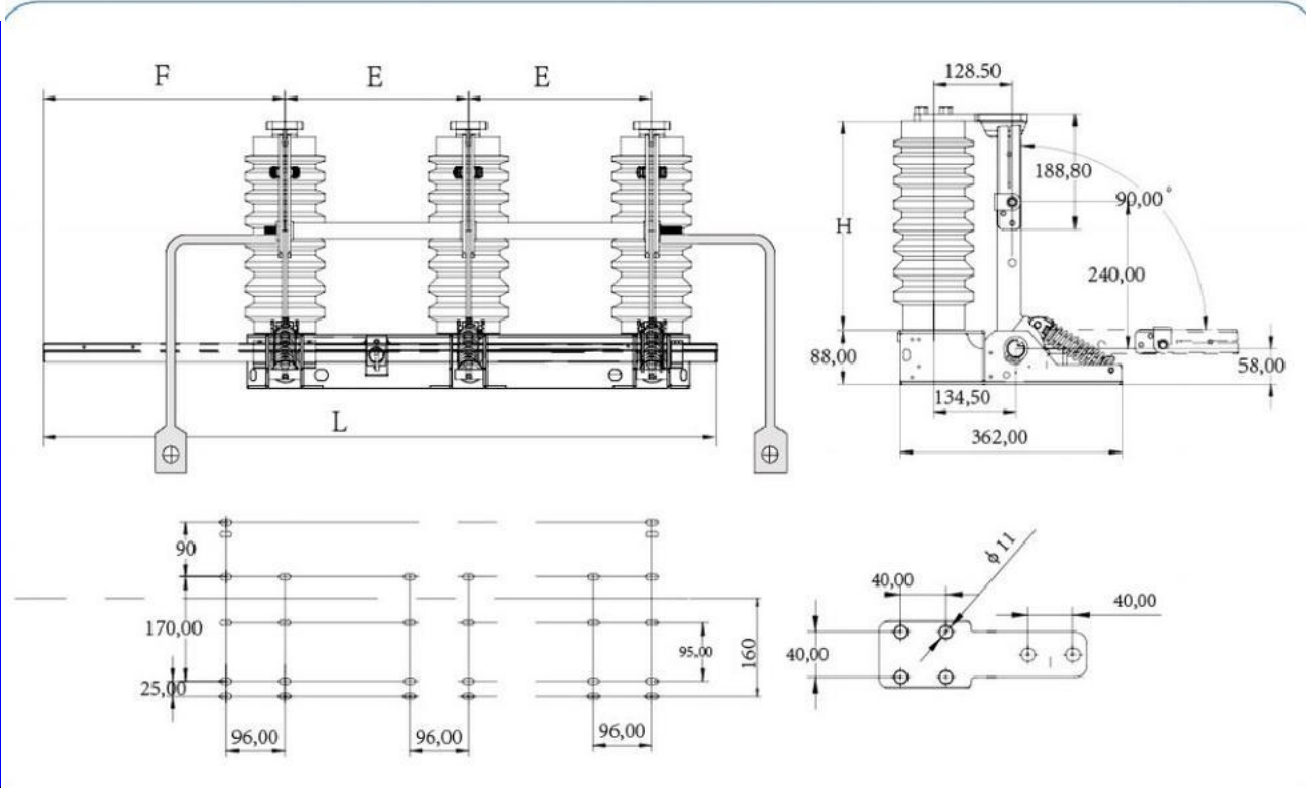
◆Environment conditions for using

- 1.Ambient temperature:-10°~+40°C
- 2.Altitude height:Below 1000m
- 3.Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4.Earthquake intensity not exceeding 8 in Richter Scale
- 5.Degree of pollution:class 11

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JN22B-40.5/31.5 series combined earthing switch

◆JN22B-40.5/31.5 Outline and installation dimension drawing



◆ Model No.and dimensions

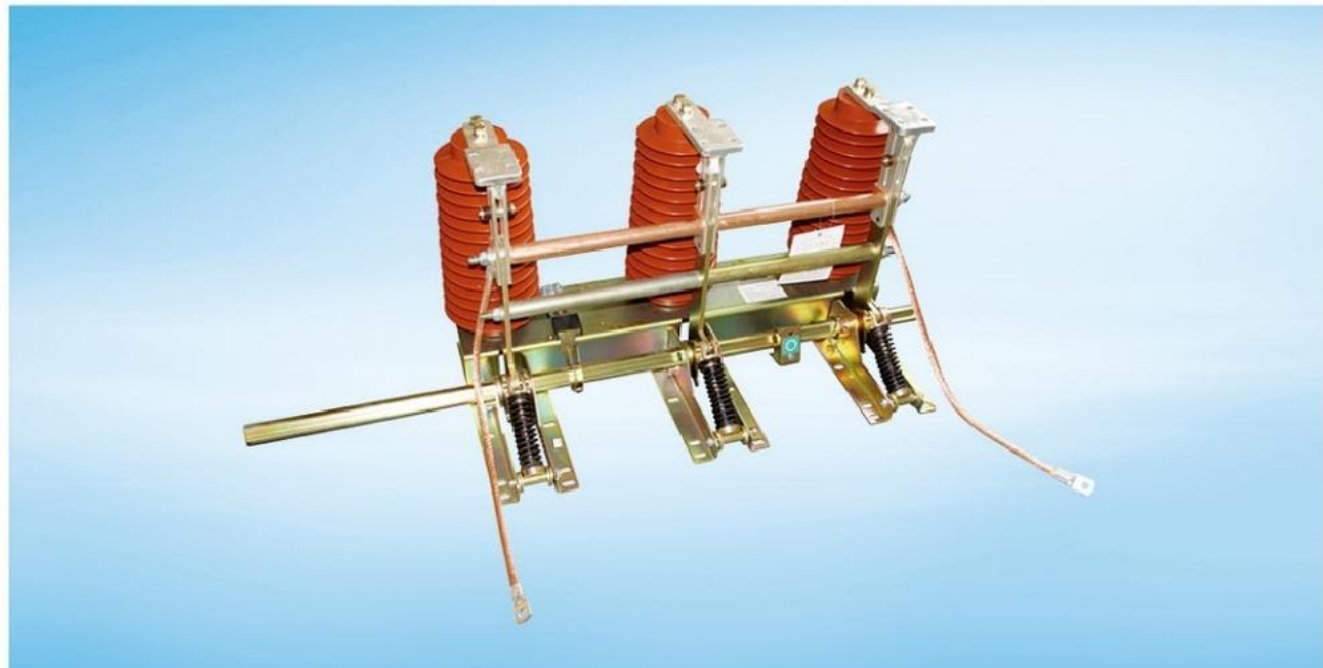
Model No.	E	F	L	Plateau type ratio sensor height H
JN22B-40. 5/31. 5-280	280	29	1010	Under 1000M 340 Under 2000M 360 Under 3000M 380
JN22B-40. 5/31. 5-300	300	340	100	
JN22B-40. 5/31. 5-350	350	340	1200	
JN22B-40. 5/31. 5-360	360	320	1200	
JN22B-40. 5/31. 5-400	400	340	1300	

◆Order instruction:

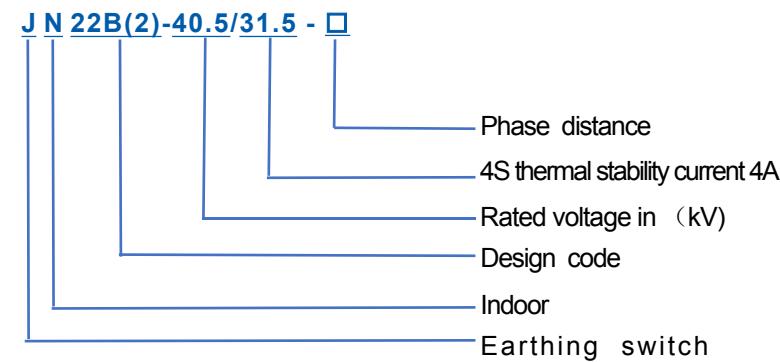
- 1.When ordering earthing switch,please indicate the model no.,description,with or without charged display
- 2.laieriglicate the operation shaft directions,usually will
- 3.If any special requirements,please contact technical.

Series combined earthing switch

JN22B(2)-40.5/31.5 series combined earthing switch



◆ Model No.and Description



JN22B(2)-40.5/31.5 indoor high-voltage earthing switch (hereinafter referred to as the earthing switch) is a new product developed by the company. Its performance meets the requirements of the national standard GB1985-2004 "AC high-voltage disconnecter and earthing switch" and IEC62271-102:2002. It is suitable for three-phase rated voltage 40.5kV, AC 50Hz power system, and can be used with KYN61-40.5 high-voltage switchgear and other types of high-voltage switchgear as grounding protection during maintenance of high-voltage electrical equipment. .

JN22B(2)-40.5/31.5 indoor high-voltage earthing switch is improved on the basis of the above earthing switch. It has a simple and compact structure, consistent performance, and is easy to operate at a small angle. It is the same as the JN15-12 series and can use the connection and transmission parts of the JN15-12 series.

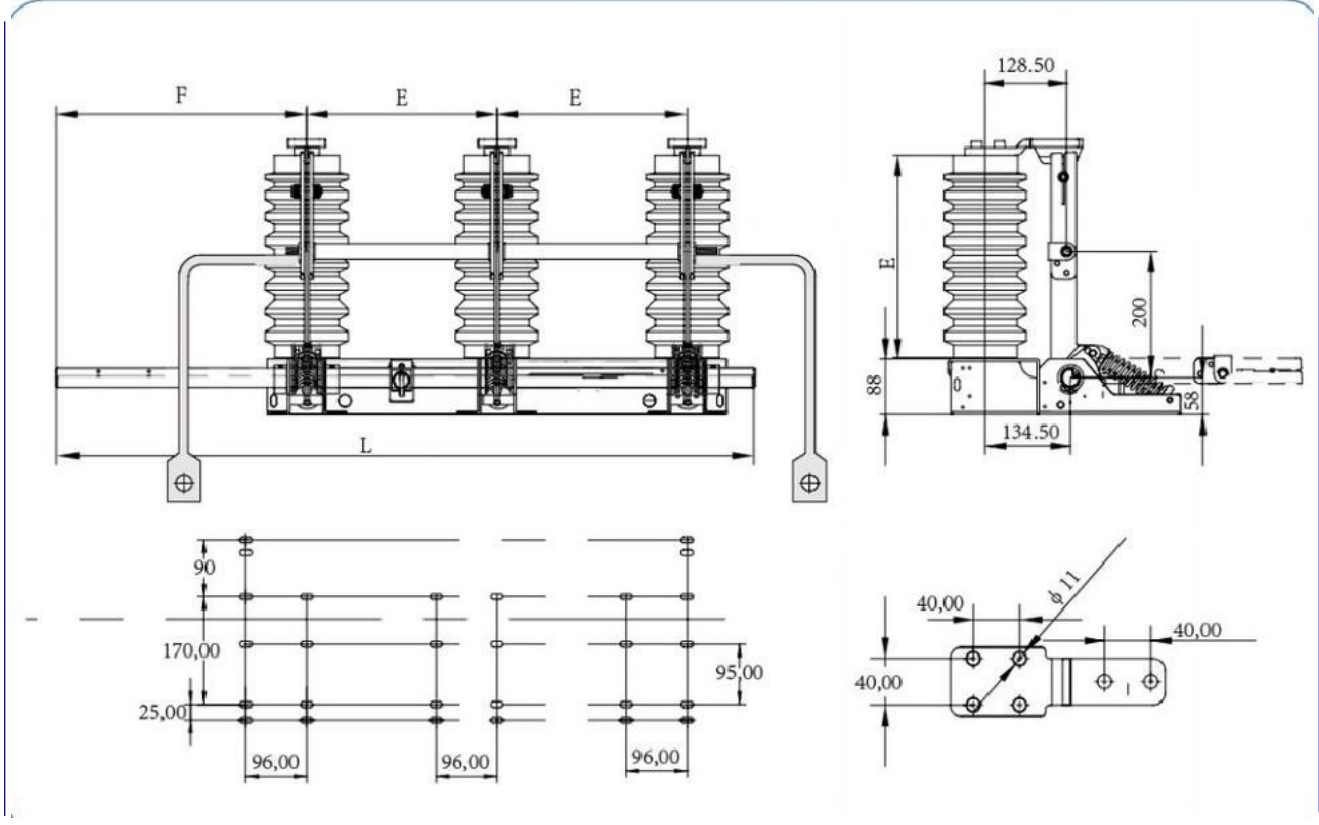
◆ Environment conditions for using

- 1.Ambient temperature:-10°~+40°C
- 2.Altitude height:Below 1000m
- 3.Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4.Earthquake intensity not exceeding 8 in Richter Scale
- 5.Degree of pollution:class 11

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JN22B(2)-40.5/31.5 series combined earthing switch

◆ JN22B(2)-40.5 Outline and installation dimension drawing



◆ Model No.and dimensions

Model No.	E	F	L	Plateau type ratio sensor height E
JN22B (2) -40. 5/31. 5-280	280	290	1010	Under 1000M 320-340 Under 2000M 360 Under 3000M 380
JN22B (2) -40. 5/31. 5-300	300	340	1100	
JN22B (2) -40. 5/31. 5-350	350	340	1200	
JN22B (2) -40. 5/31. 5-360	360	320	1200	
JN22B (2) -40. 5/31. 5-400	400	340	1300	

◆ Order instruction:

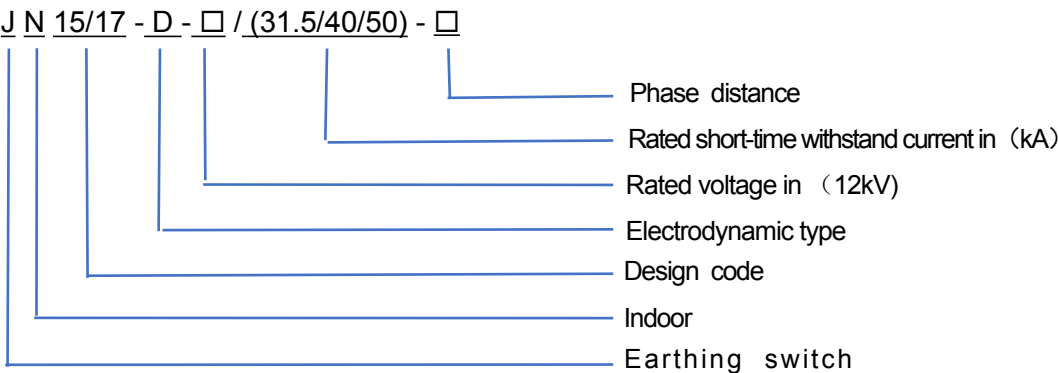
1. Please indicate the product model, rated voltage, and phase distance.
2. When a gear operating mechanism is required, please follow the left or right operating position shown in the figure (the figure shows the left operating mode), and indicate the right operating mechanism or left operating mechanism accordingly.
3. When sensor display device is required, please indicate the display type mode.
4. If the user has special requirements, detailed supply specifications can be negotiated separately.

Series combined earthing switch

JN15/17-D-12-7.2kV series combined earthing switch



Model No.and Description



Description

JN15-D-12-7.2/31.5, JN17-D-12-7.2/40, 50 series indoor high-voltage electric earthing switches (hereinafter referred to as earthing switches) are new earthing switches designed and developed by us. It is suitable for indoor 3~24KV three-phase AC 50(60)Hz power systems and various types of high-voltage switchgear.

This product complies with the national standard GB1985-2004 "AC high-voltage disconnectors and earthing switches" and IEC6227-102-2002. The earthing switch has a simple and compact structure, light weight, flexible operation, easy installation, good dynamic thermal stability, and reliable electric operation. It keeps the interlocking of the original center-mounted switch cabinet unchanged and has obtained a national patent.

Since the earthing switch is electrically operated, the manual interlock on the central switchgear is consistent with the original style, but some parts have been modified. Be sure to use the interlock parts provided by our company, otherwise the motor of the electric earthing switch will burn out.

If the rear door of the central switchgear needs to be interlocked with the electric earthing switch, the rear door interlock mechanism produced by our company's patented technology must also be used, and a travel switch must be installed. When the rear door is not closed, the operating power of the electric earthing switch is cut off to avoid damage to the motor due to misoperation of the electric earthing switch.

When electrically interlocking with the electric earthing switch, be sure to use the auxiliary contacts of the associated electrical components to disconnect the operating power of the electric earthing switch to achieve electrical interlocking to ensure the reliability of the electrical interlock.

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JN15/17-D-12-7.2kV series combined earthing switch

Main technical parameters

Main technical parameters		U n i t	Technical Data	
Rated voltage		kV	12	
Rated short-time withstand current		kA	31.5	
Rated short-circuit making current		kA	80	
Rated peak withstand current		kA	80	
Rated Insulation Level	Power frequency withstand voltage	kV	relpahase dristancend	42
	Rated insulation leveland votage	kV		75
The distance between the openings shall not be less than		MM	125	
Control voltage		V	AC/DC220V DC110V	

Environment conditions for using

- Altitude height:Below 1000m;
- Ambient temperature:-10° ~+40°C;
- Earthquake intensity not exceeding 8 in Richter Scale ;
- Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- The installation site must not contain gases, steam, chemical precipitation, smoke, dust, dirt, and explosive corrosive substances that seriously affect the insulation and conductivity of the earthing switch;
- The installation site must have no frequent and severe vibrations.

Main structure

The earthing switch is mainly composed of bracket, earthing knife assembly, fixed contact, sensor, shaft, crank arm, compression spring, conductive sleeve.The bracket is made of thin steel plates that are bent and welded into components, and the rest are assembled parts. See the following picture for its appearance:

Working principle of eathing switch

When the eathing switch is closed by manual operation, the action torque makes the main shaft 5 overcome the resistance torque, drives the crank arm 7 to rotate in the closing direction, and makes the operating lever on the earthing knife 9 pass the dead point of the compression spring 8. The compression spring releases energy to make the earthing switch close quickly. In the closed position, the earthing knife on the earthing knife assembly 9 is firmly and reliably in contact with the flange (blade) of the fixed contact 6 through the butterfly spring.

When the grounding switch is opened manually, the action torque makes the main shaft 5 overcome the resistance torque and spring force, drives the crank arm 7 to rotate in the opening direction, and makes the grounding knife 9 compression spring 8 pass the dead point. The compression spring energy storage ends, ready for the next closing.

When the earthing switch is operated electrically, there is a drive device composed of gears, reducers, motors, and control panels inside the earthing switch. The device outputs torque in the positive and negative directions to make the earthing switch open or close.

Whether the earthing switch is operated manually or electrically has nothing to do with the closing and opening speed of the earthing switch.

Series combined earthing switch

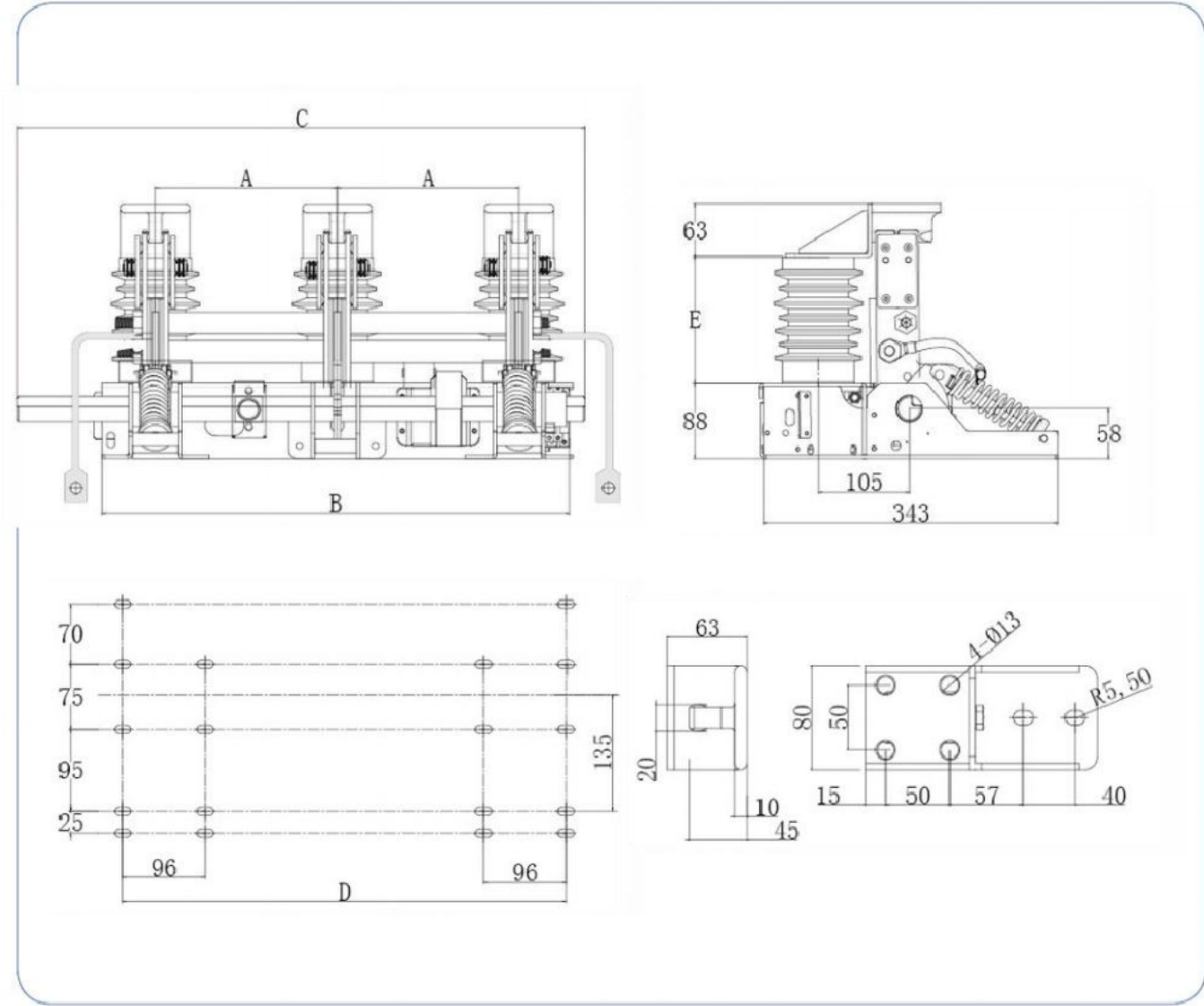
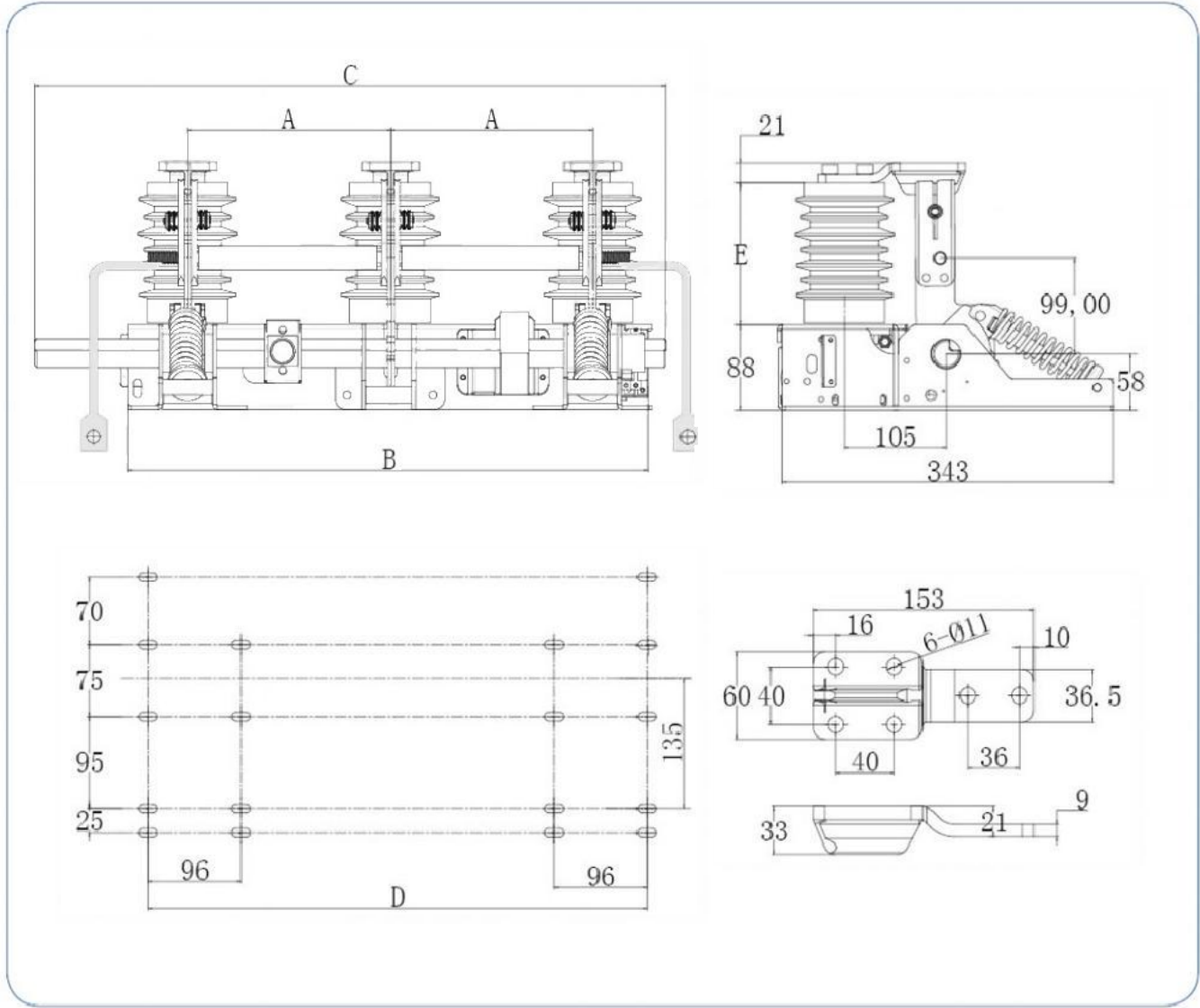
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JN15/17-D-12-7.2kV series combined earthing switch

JN15/17-D-12-7.2kV series combined earthing switch

◆JN15-D-12/31.5kA Outline and installation dimension drawing

◆JN17-D-12/40kA Outline and installation dimension drawing



◆ Model No.and dimensions

◆ Model No.and dimensions

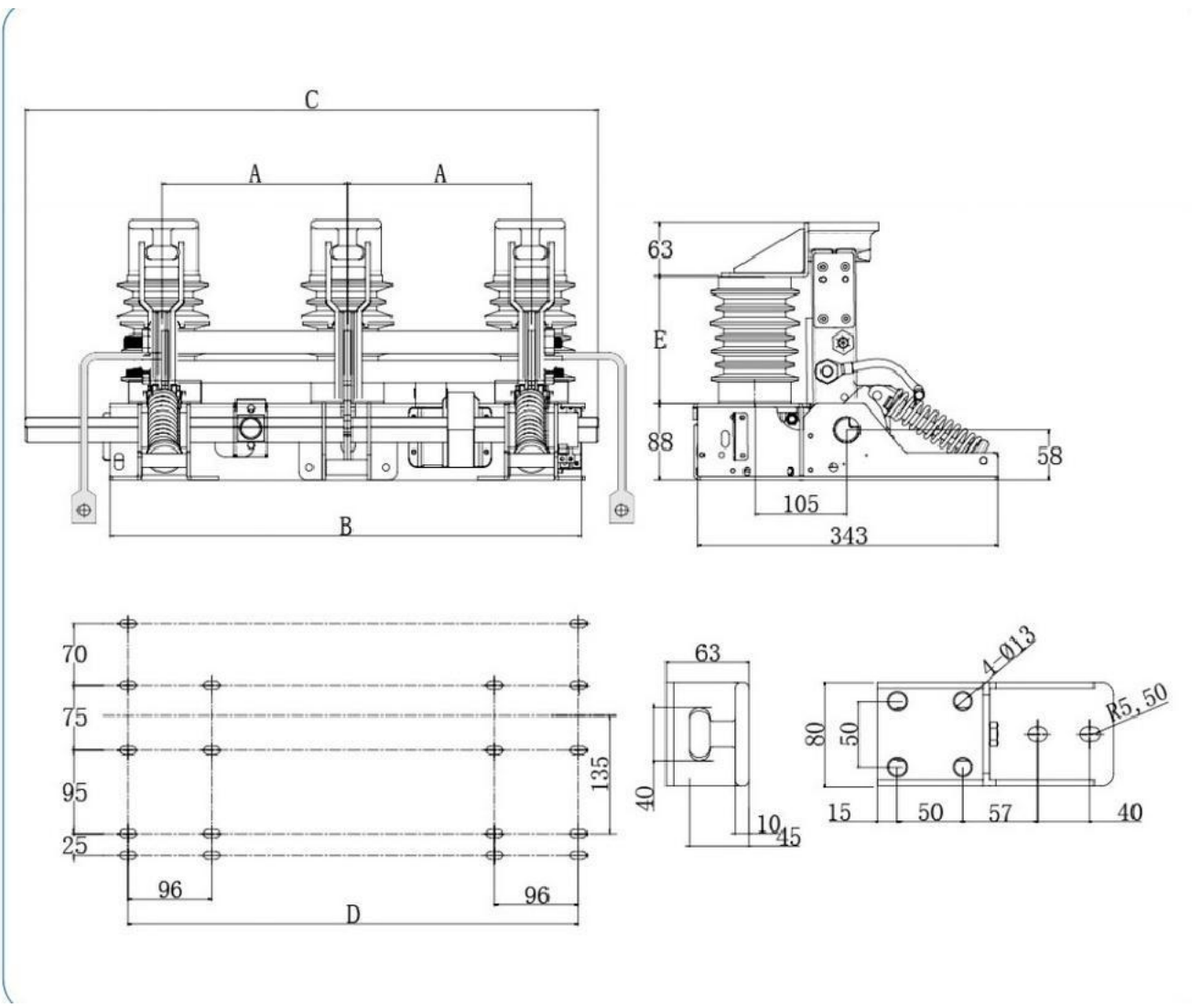
Model No.	A	B	C	D	Plateau type ratio sensor height E
JN15-D-12/31.5-150	150	424	535	396	Under 1000M 145 Under 2000M 170 Under 3000M 185 Under 4000M 210
JN15-D-12/31.5-165	165	454	565	426	
JN15-D-12/31.5-210	210	544	655	516	
JN15-D-12/31.5-250	250	624	735	596	
JN15-D-12/31.5-275	275	674	785	646	

Model No.	A	B	C	D	Plateau type ratio sensor height E
JN17-D-12/40-150	50	424	535	396	Under 1000M 145 Under 2000M 170 Under 3000M 185 Under 4000M 210
JN17-D-12/40-165	65	454	565	426	
JN17-D-12/40-210	210	544	655	516	
JN17-D-12/40-250	250	624	735	596	
JN17-D-12/40-275	275	674	785	646	

Series combined earthing switch

JN15/17-D-12-7.2kV series combined earthing switch

◆JN17-D-12/50kA Outline and installation dimension drawing



◆ Model No.and dimensions

Model No.	A	B	C	D	Plateau type ratio sensor height E
JN17-D-12/50-210	210	544	655	516	
JN17-D-12/50-250	250	624	735	596	Under 1000M 145 Under 2000M 170 Under 3000M 185 Under 4000M 210
JN17-D-12/50-275	275	674	785	646	

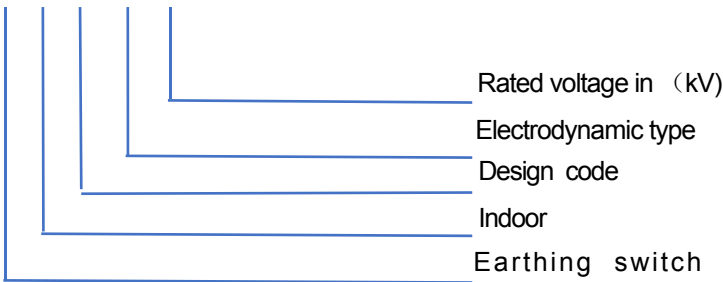
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JN15-D-24kV series combined earthing switch



◆Model No.and Description

J N 15 - D - 24



◆Description :

The JN15-D-24 indoor high-voltage earthing switch is improved on JN15 (the installation dimensions still same). Its performance complies with the requirements of GB1985-2004 "AC high-voltage disconnector and earthing switch" and IEC129, and is suitable for indoor 2024KV three-phase AC 50 (60) Hz power systems.

◆Environment conditions for using

- 1、Ambient temperature:-10°~+40°C;
- 2、Altitude height:Below 1000m;
- 3、Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 4、Earthquake intensity not exceeding 8 in Richter Scale ;
- 5、Degree ofpollution:class 11

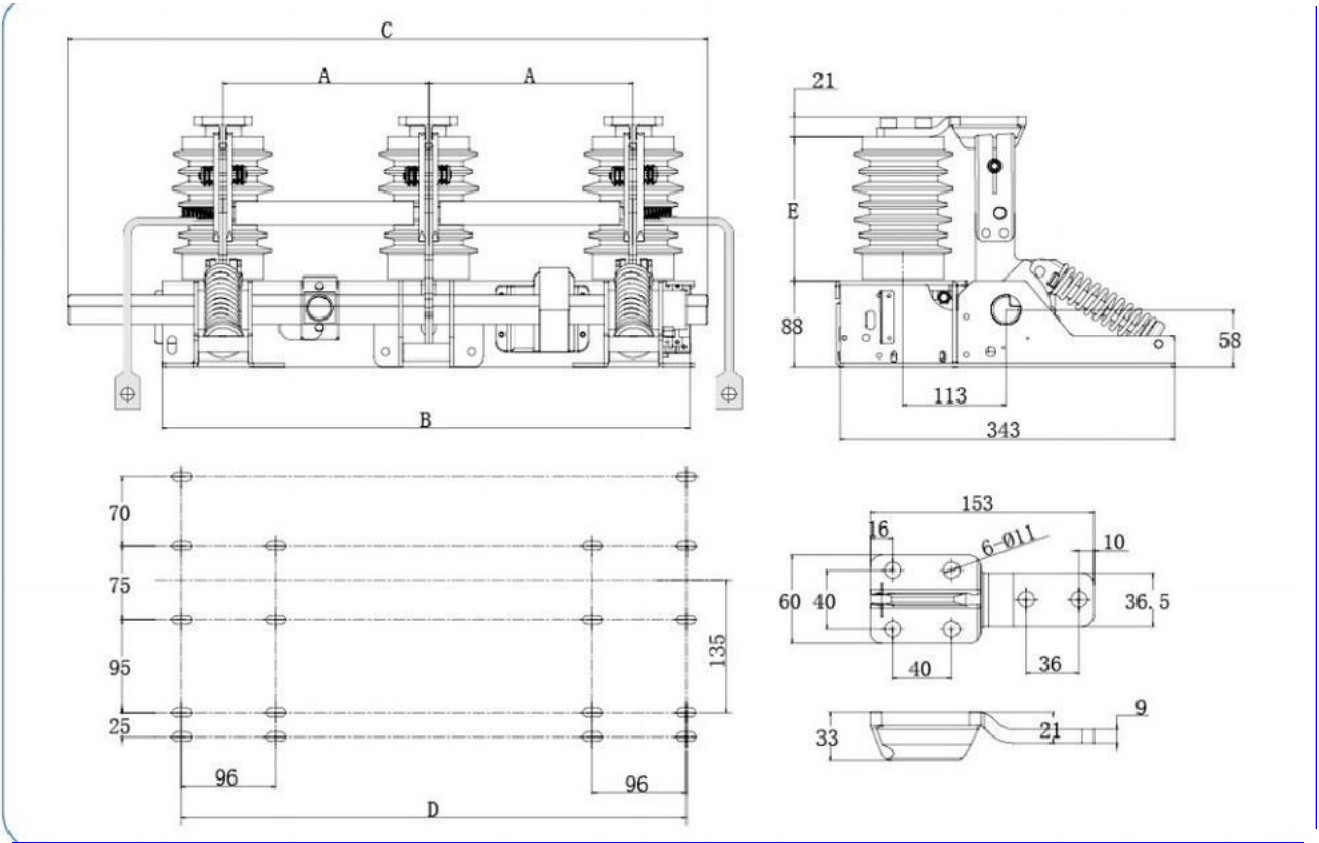
Series combined earthing switch

JN15-D-24kV series combined earthing switch

Main technical parameters

Main technical parameters		Unit	Technical Data	
Rated voltage		kV	24	
Rated short-time withstand current		kA	31.5	
Rated short-circuit duration		S	4	
Rated short-circuit making current		kA	80	
Rated peak withstand current		kA	80	
Rated Insulation Level	Power frequency withstand voltage	kV	relphase dristancend	65
	Rated insulation leveland vottage	kV		125
Mechanical life		次	2000	

JN15-D-24kV Outline and installation dimension drawing



Model No.and dimensions

Model No.	A	B	C	D	Sensor Height E
JN15-D-24/31.5-210	210	544	655	516	225~240
JN15-D-24/31.5-275	275	674	785	646	

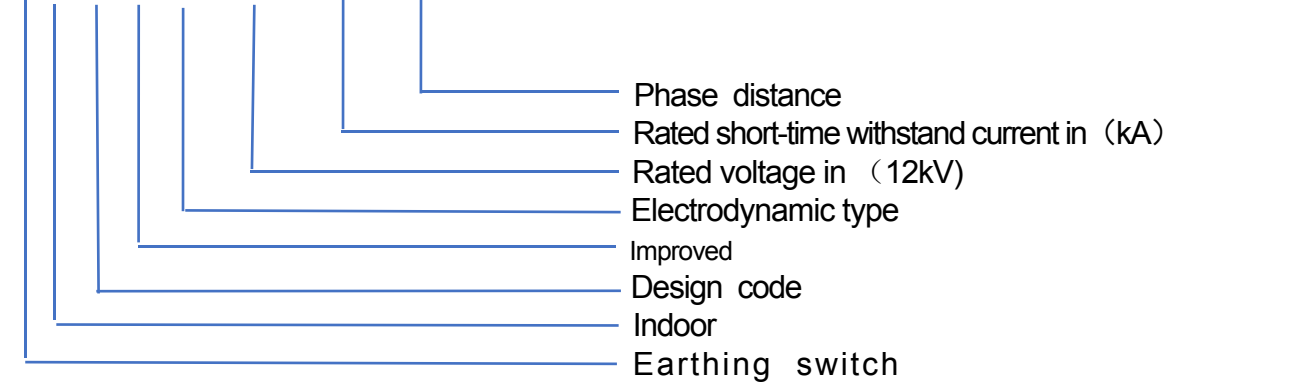
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JN22B(2)-D-40.5/31.5 series combined earthing switch



Model No.and Description

J N 22 B - D - 40.5 / 31.5 - □



Description

The JN22B(2)-D-40.5/31.5 series indoor high-voltage electric earthing switch (hereinafter referred to as earthing switch) is a new type of earthing switch designed and developed by our company according to market needs. It is suitable for indoor 3~24KV three-phase AC 50(60)Hz power systems and various types of high-voltage switch cabinets. It can also be used as system grounding during high-voltage electrical equipment maintenance. It can also be used in unmanned and intelligent substations.

This product complies with the national standard GB1985-2004 "AC high-voltage disconnector and earthing switch" and IEC6227-102-2002. The earthing switch has a simple and compact structure, light weight, flexible operation, easy installation, good moving thermal stability, and reliable electric operation. It keeps the interlocking of the original center-mounted switch cabinet unchanged and has obtained a national patent.

Since the earthing switch is electrically operated, the manual interlocking on the center cabinet is consistent with the original style, but some parts have been modified. Be sure to use the interlocking parts matched by our company, otherwise the motor of the electric earthing switch will burn out.

If the rear door of the central cabinet needs to be interlocked with the electric earthing switch, the rear door interlock mechanism produced by our company's patented technology must be used, and a travel switch must be installed. When the rear door is not closed, the operating power of the electric earthing switch is cut off to avoid damage to the motor due to misoperation of the electric earthing switch.

When electrically interlocking with the electric earthing switch, the auxiliary contacts of the associated electrical components must be used to disconnect the operating power of the electric earthing switch to achieve electrical interlocking. To ensure the reliability of the electrical interlock.

Series combined earthing switch

JN22B(2)-D-40.5/31.5 series combined earthing switch

◆Main technical parameters

Main technical parameters		U n i t	Technical Data	
Rated voltage		kV	35	
Rated short-time withstand current		kA	31.5	
Rated short-circuit making current		kA	80	
Rated peak withstand current		kA	80	
Rated Insulation Level	Power frequency withstand voltage	kV	relpahase dristancend	95
	Rated insulation leveland votage	kV		185
Control voltage		V	AC/DC220V DC110V	

◆Environment conditions for using

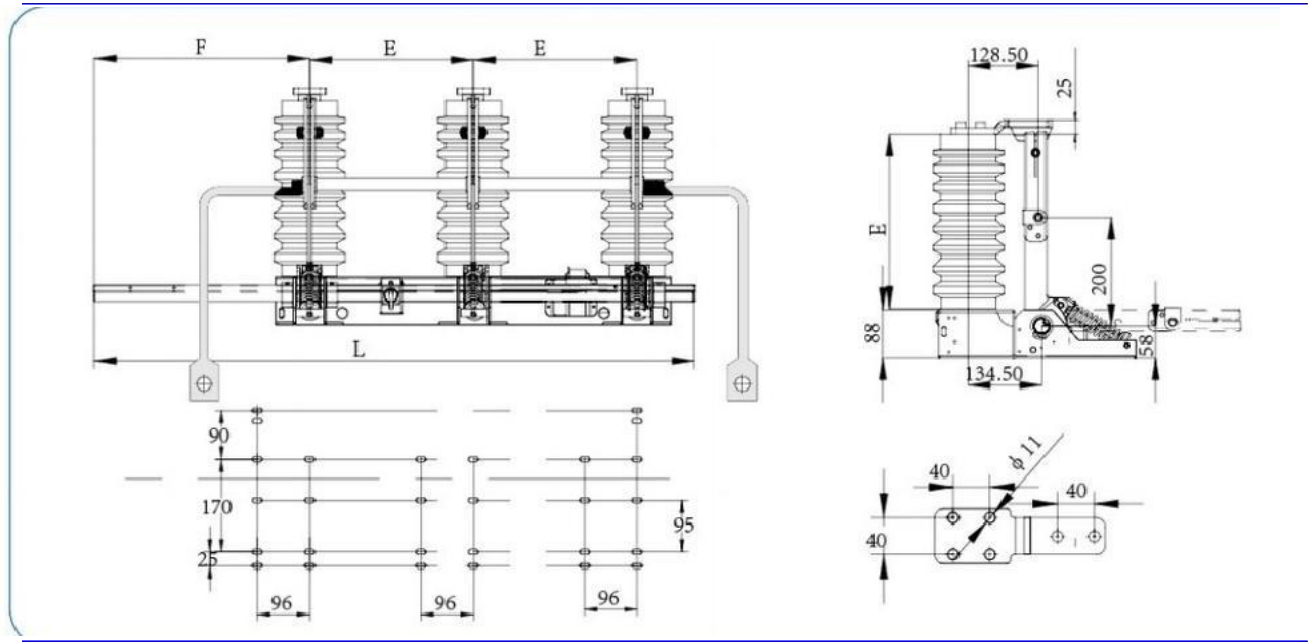
- 1、Altitude height:Below 1000m;

2、Ambient temperature:-10°~+40°C;

3、Earthquake intensity not exceeding 8 in Richter Scale ;

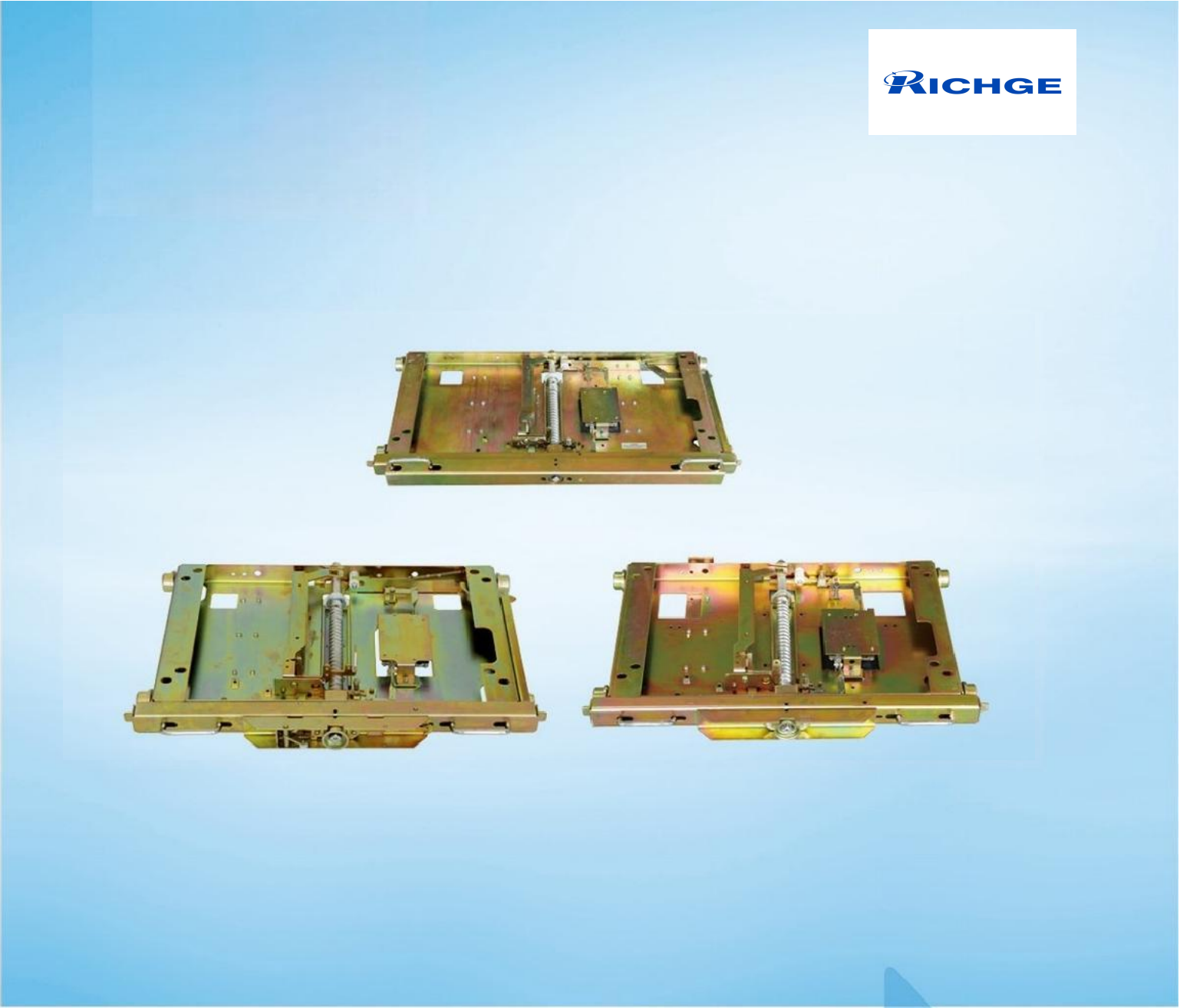
4、Humidity conditions:daily relative humidity below 95%,monthly relative humidity below 90%;
- 5、The installation site must not be exposed to gases, steam, chemical precipitation, smoke, dust, dirt, or explosive and corrosive substances that may seriously affect the insulation and conductivity of the earthing switch

6、The installation site should not be subject to frequent and severe vibrations.



◆ Model No.and dimensions

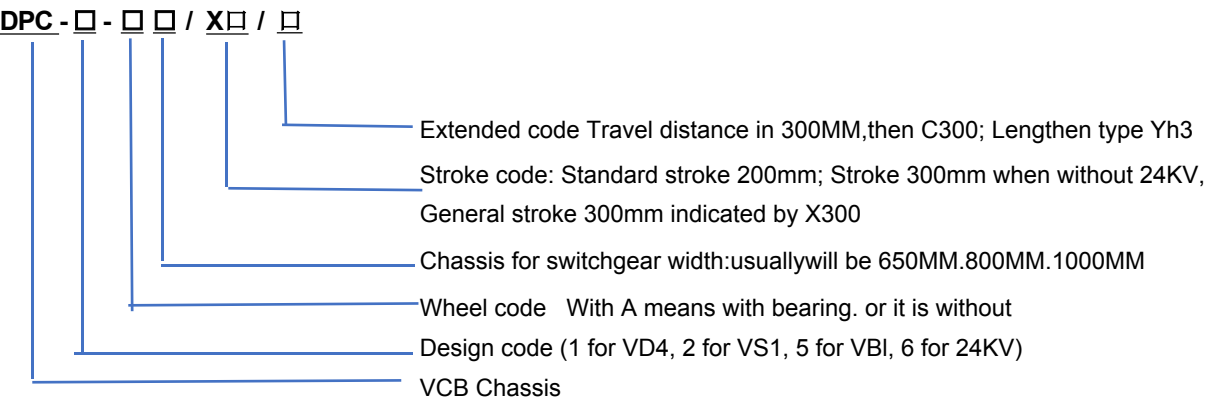
Model No.	E	F	L	Plateau type ratio Sensor Height E
JN22B(2)-D-40.5/31.5-280	280	290	1010	Under 1000M320~340 Under 2000M360 Under 3000M380
JN22B(2)-D-40.5/31.5-300	300	340	1100	
JN22B(2)-D-40.5/31.5-350	350	340	1200	
JN22B(2)-D-40.5/31.5-360	360	320	1200	
JN22B(2)-D-40.5/31.5-400	400	340	1300	



VCB chassis series

VCB chassis series

◆ Model No. and Description



◆ Chassis usage and function

It is used for mounting circuit breakers, mutual inductors and other components in draw-out switchgear, and it can be used as auxiliary operation of components and bus connection. When cooperating with internal mechanism of circuit breaker and other interlocking mechanism of central cabinet, it can meet the requirements of "five prevention" interlocking in Gb3906

Function

1. When trolley in test/disconnect or work position, the CB can then be closed. After the CB is closed, the trolley is under locking status, able to prevent false connecting and closing of disconnecting contacts with load.
2. when the trolley is in work position or about 10mm away from test/disconnect position, the ES can not be closed, to prevent false closing of the ES.
3. When the Es is closed, the trolley can not be moved from test/disconnect position to work position, able to prevent the ES from closing the CB in closing position
4. After chassis into the cubicle, once it leaves test/disconnect position, the trolley can not be drawn out from the cubicle.

◆ VCB Chassis Locking plate

Locking plate: 8XS.141.012 / 8XS.141.012.1 / 8XS.141.012.2 / 8XS.141.050(配VS_m) / 8XS.141.012S(配VS1+)

Note:8XS.141.012.2For regular use.ifother locking plates are rquired, please indicate when ordering.

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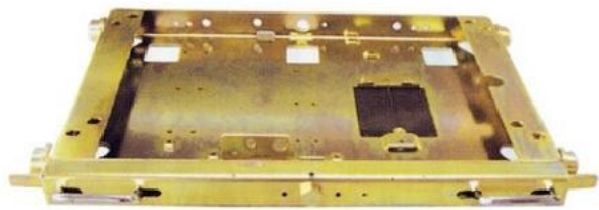
◆ Chassis outline and installation dimensions

Model No.	A	B	C	D	E	F
DPC-4-650	500	450	410	385	502	532
DPC-4A-650				13X30		
DPC-4/4A-800	650	600	560	520	652	682
DPC-4/4A-840	690	640	600	560	692	722
DPC-4/4A-900	750	700	660	620	752	782
DPC-4/4A-1000	850	800	760	720	852	882
DPC-4/4A-1200	1050	1000	960	920	1052	082

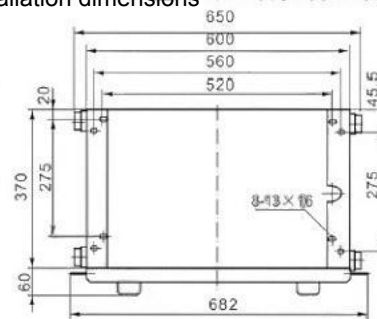
■ DPC-4A Chassis outline and installation dimensions

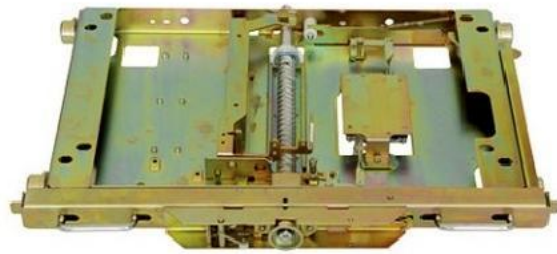
VCB chassis series

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■ DPC-4-800/XC2 Chassis outline and installation dimensions



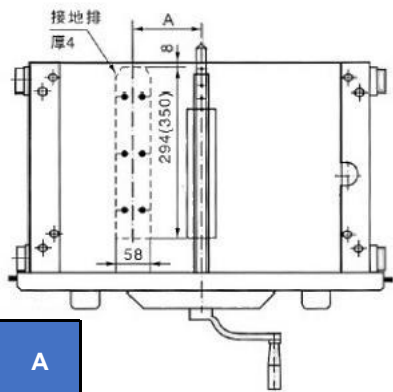


◆ **Note:**

- 1.Above deepened chassis can be compatible with 3AH,ZN12,ZN28, ,ZN65 and other fixed CBs modified into withdrawable CBs.
- 2.DPC-2-800(1000)YH3 is matched with 8XS.141.012.6 locking plate.Please specify when ordering if other locking plate is required.

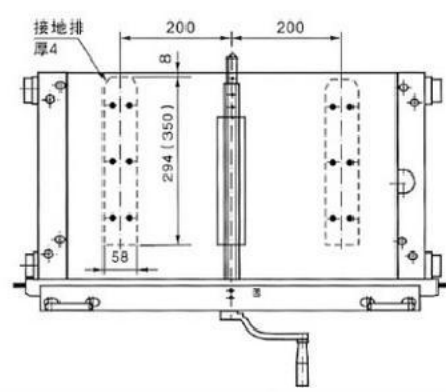
◆VCB chassis earthing method

Earthing busbar Installator

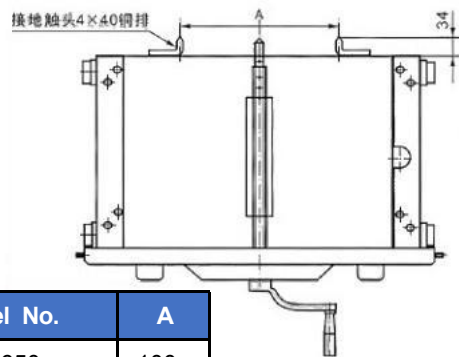


Model No.	A
DPC-□-650	100
DPC-□-800	160

DPC-□-1000

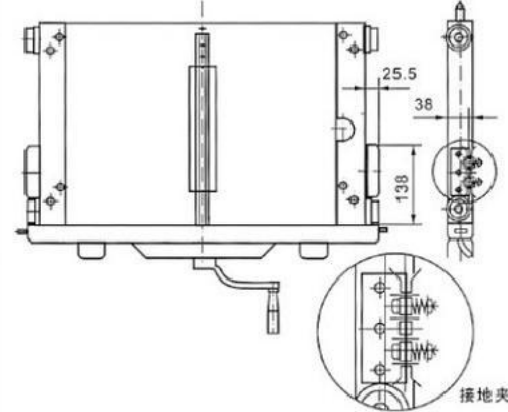


Earthing contact assembly drawings

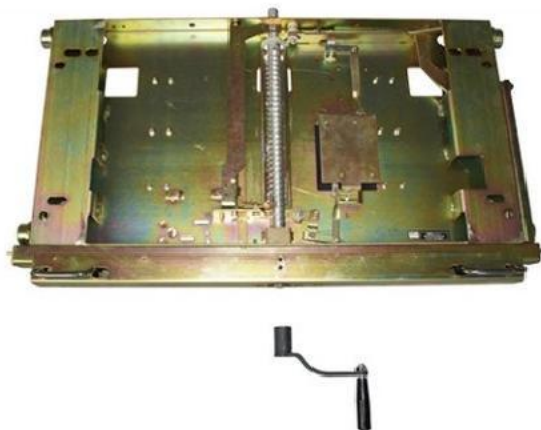


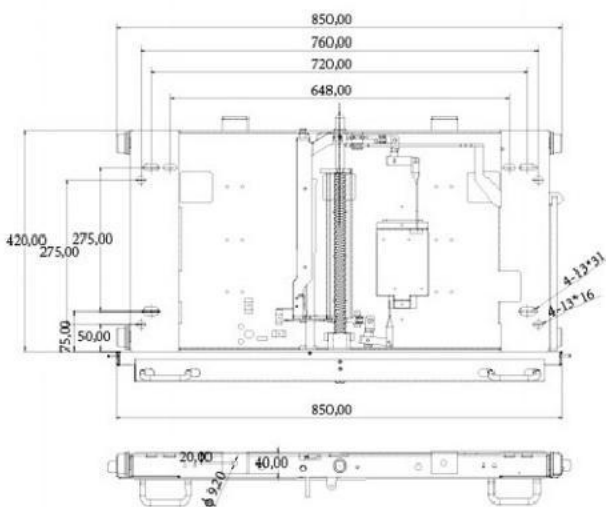
Model No.	A
DPC-□-650	100
DPC-□-800	296
DPC-□-1000	496

Earthing bar assembly drawings



◆ 24kV 24KV VCB Chassis



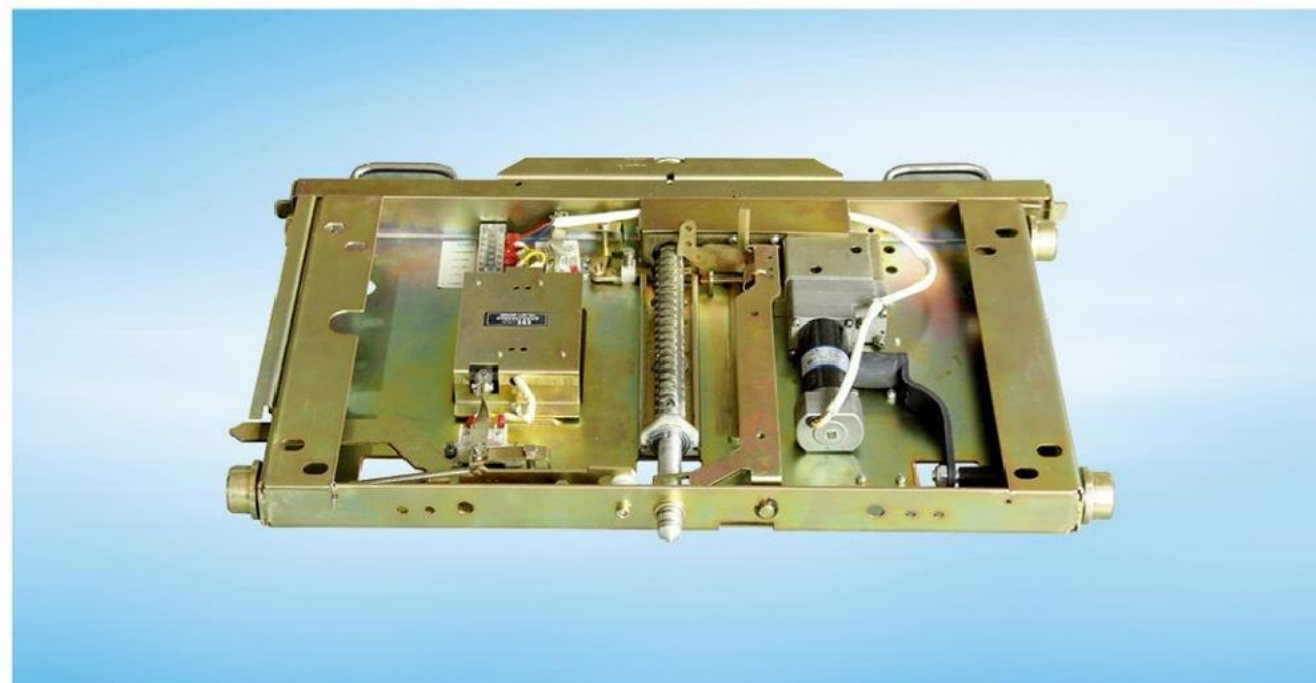


◆ Order Instruction

- 1 .Please specify chassis model no.,locking plate code, auxiliary switch specification and earthing ways when ordering a chassis
- 2 Auxiliary switch specification is the opening and closing point before mounting the chassis, with 5, 6, 10 Pairs contact
- 3. For special requirements,please contact our technical department, for example frame deepening and lock plate specification change

VCB chassis series

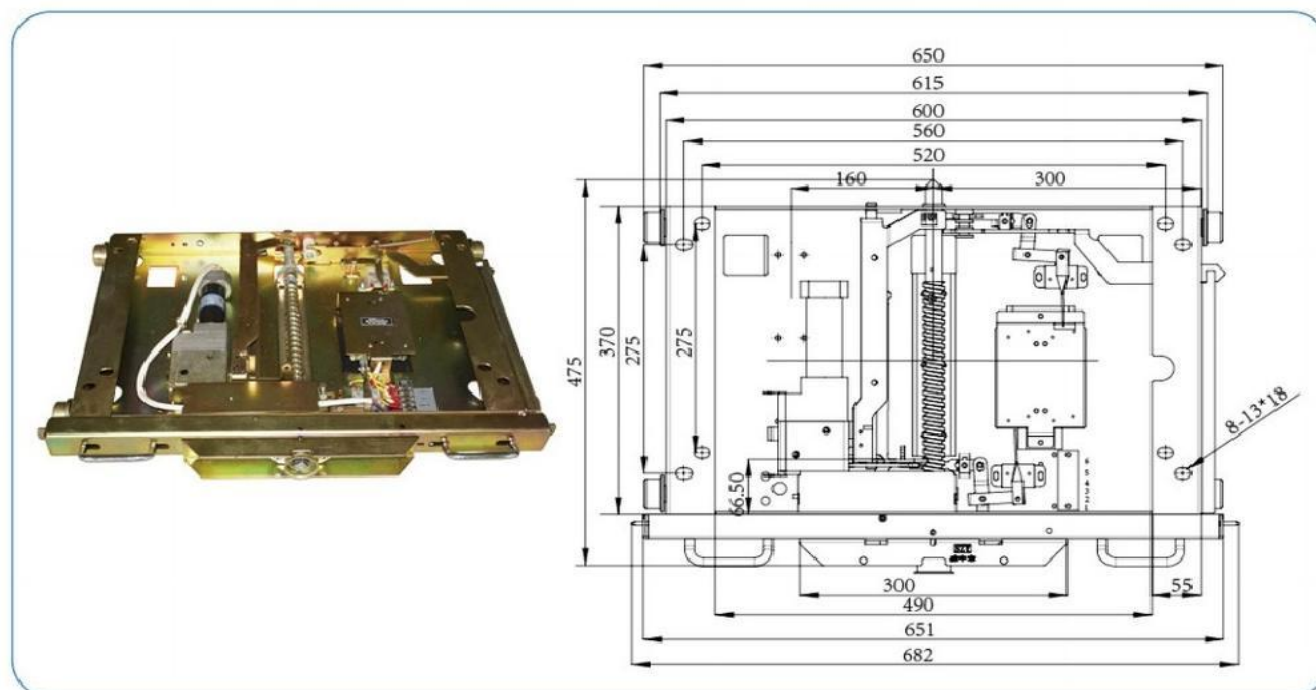
D-DPC-□ Electric Chassis with Motor



◆ Overview

D-DPC-1000, 800, 650 electric chassis is to add electric operation function to the manual operation chassis, providing the necessary hardware foundation for realizing the intelligentization, programming and remote control of switchgear. The mechanism adopts professionally designed micro permanent magnet DC motor, making full use of the extra space of the original chassis. After installation, it will not change the height, appearance and installation size of the original manual operation chassis. Interlocking function, etc., with simple structure and strong versatility.

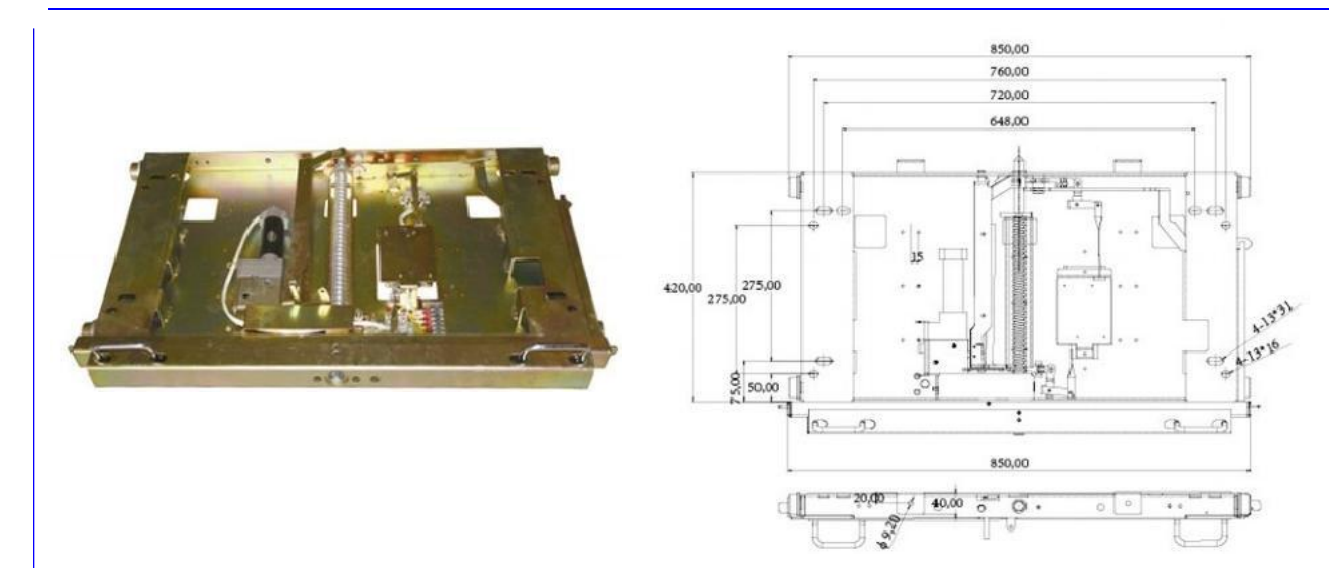
◆ D-DPC-800 Electric Chassis Outlines



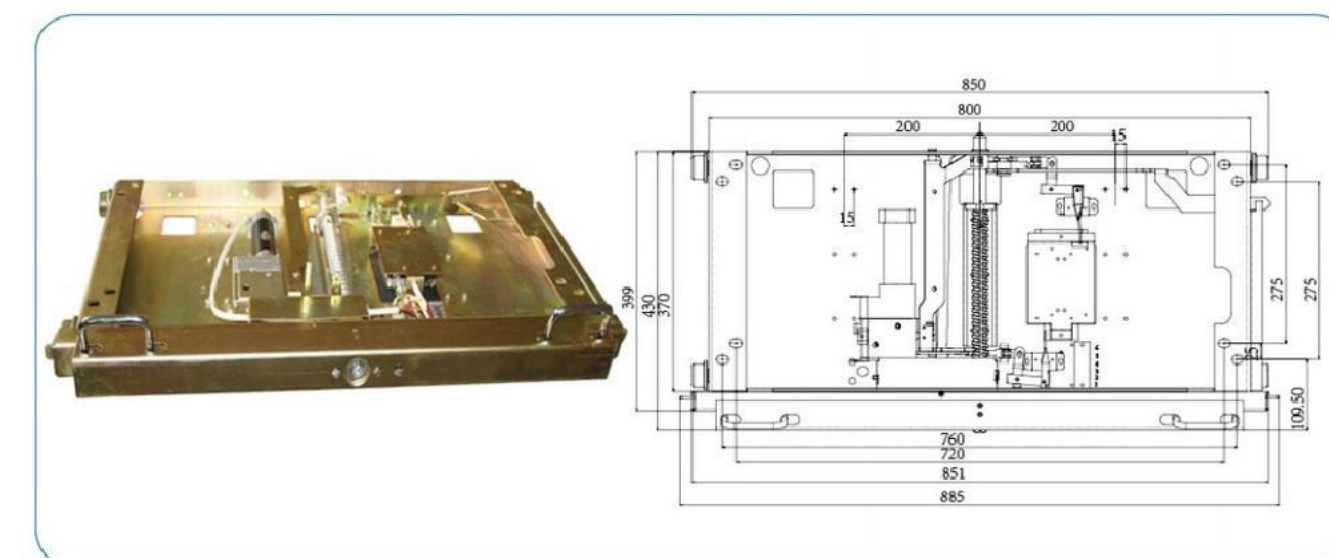
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D-DPC-□ Electric Chassis with Motor

◆ 24kV Electric Chassis Outlines



◆ D-DPC-1000 Electric Chassis Outlines



◆ Main technical parameters

Rated voltage: DC220 或 DC*0 Motor power: 200W In&Out time: Single trip≤35S(12KV)50S(24KV)

◆ working instruction

First, Please check the operation according to the manual chassis operation requirements. Only can proceed the electric operation after confirming the manual operation normal, . The torque of the handcart in and out is ≤25N.m

1. Electric operation:

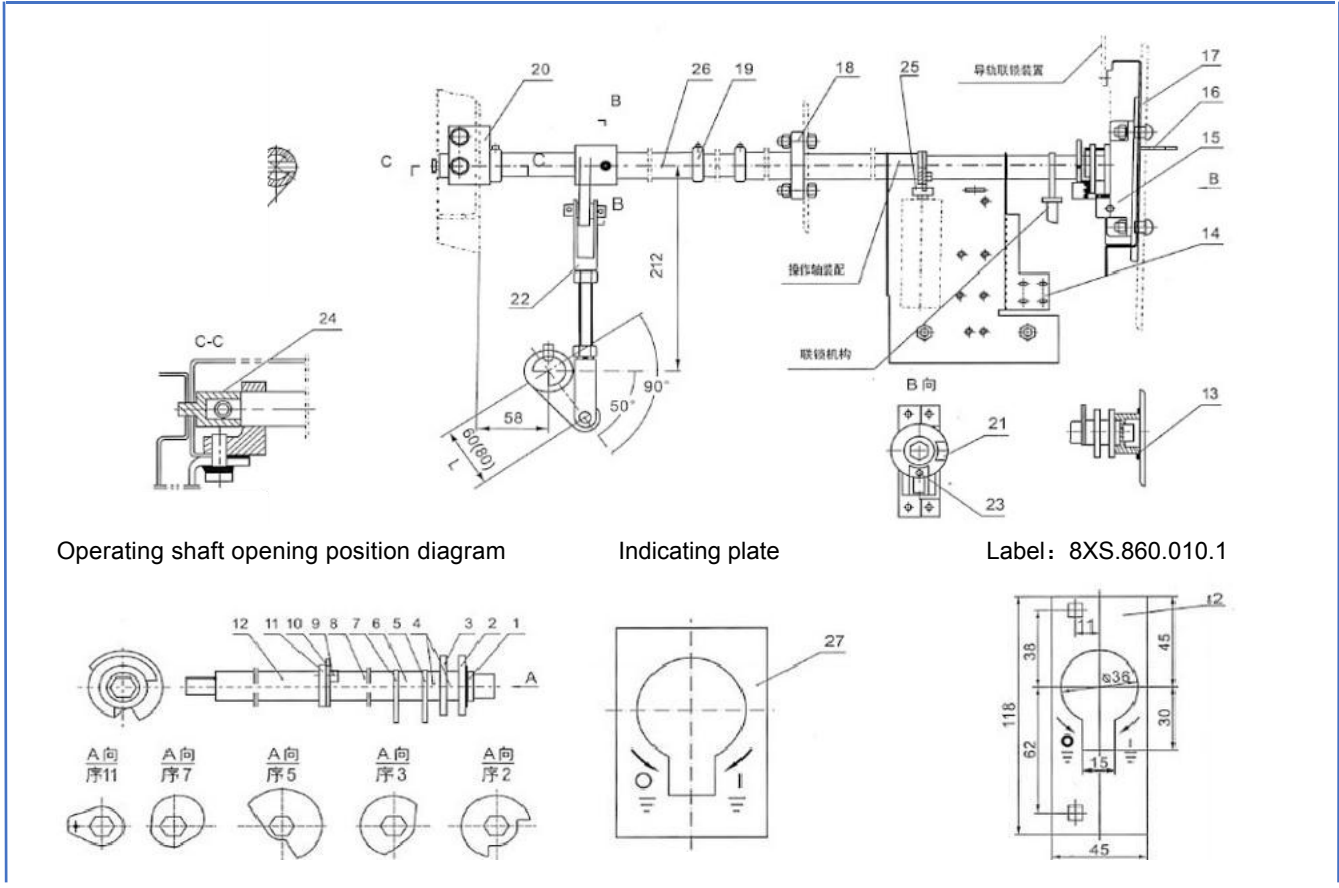
D-DPC- Electric chassis can provide transmission functions, without any control protection functions. Therefore, electric operation must design or select a suitable control circuit to operate normally. We have two types of TRC-20-A* rail installation and panel installation. Connect the control circuit and check whether the working position and test position switching are normal in the control module. (Two sets of micro switches in the front and back of the chassis to control the position) Check that the handle position of the chassis is correct when it is shaken to the test position and the working position, remove the handle, plug in the power supply, the test position light of the control module is on, press the shake in, and the working position light of the control module is on when it reaches the working position.

Earthing switch operating mechanism interlocking device

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◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010 Assembly diagram



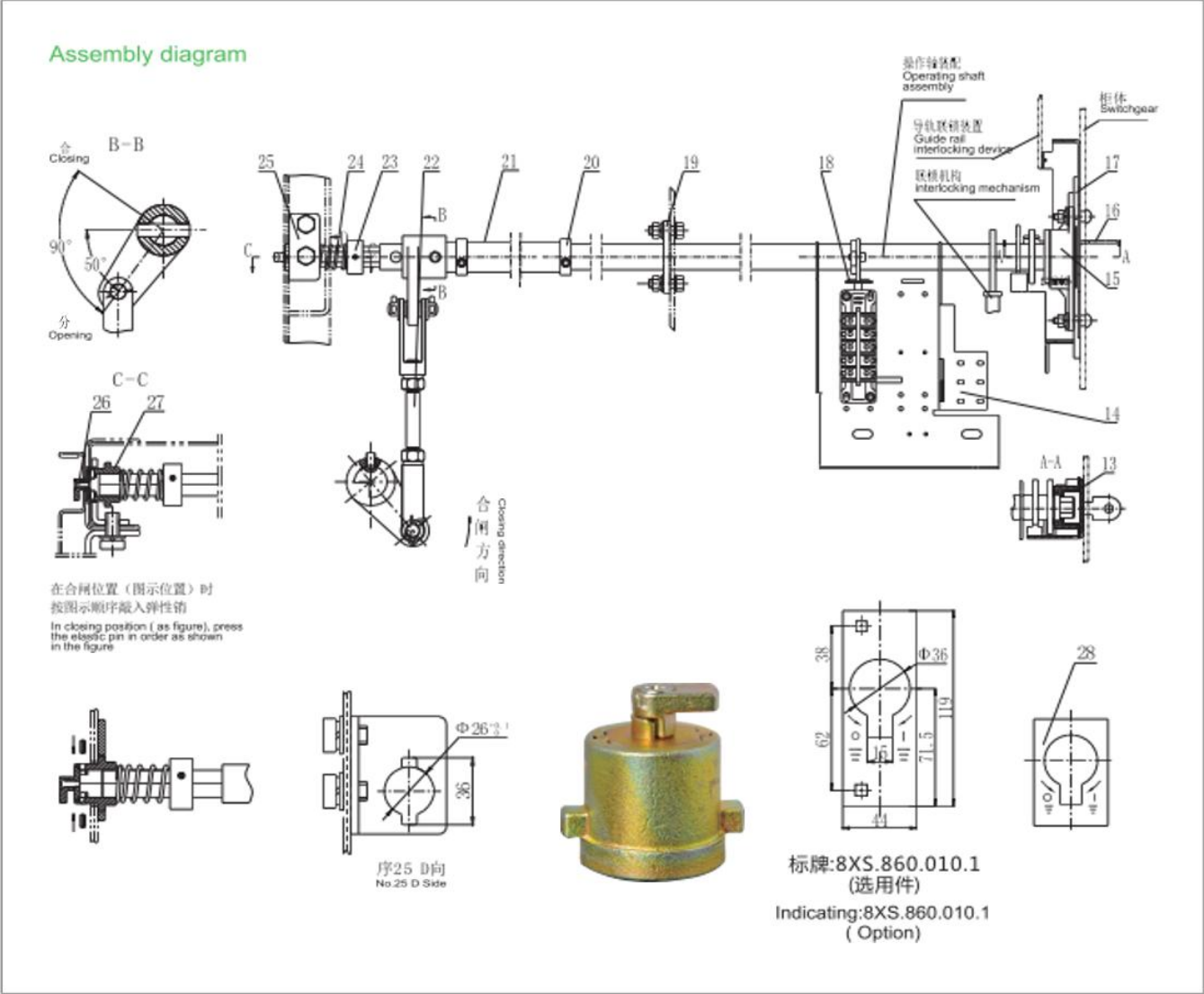
◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET
1	Bearing	8XS.263.011	1
2	Sector plate (I)	8XS.192.010	1
3	Sector plate (II)	8XS.192.011	1
4	Shaft sleeve	8XS.210.014.1	2
5	Sector plate (III)	8XS.151.041	1
6	Shaft sleeve	8XS.211.061	1
7	Sector plate (IV)	8XS.151.039	1
8	Shaft sleeve	8XS.211.062	1
9	Screw M5X12	GB70-85	1
10	Sector plate (V)	8XS.151.042	1
11	Sector plate(VI)	8XS.151.043	1
12	operating shaft	8XS.200.010.1 Length 1430 for 1500MM depth switchgear	1
		8XS.200.010.2 Length 1590 for 1660MM depth switchgear	1
13	Cover	8XS.017.011.1	1
14	Bending plate	8XS.161.058	1
		8XS.161.058.1	1
15	support	5XS.043.022	1
16	Bending plate	8XS.161.059	1
17	Slide block	8XS.043.010	2
18	Shaft sleeve	8XS.211.058	1
19	Limit sleeve	8XS.211.057	3
20	support	8XS.043.019	1
21	Closing	8XS.866.010	1
22	Connecting rod assembly	5XS.233.030.1	1
		5XS.233.030.3	1
23	Opening	8XS.866.011	1
24	Lock sleeve	8XS.211.059	1
25	Toothed insert plate	8XS.151.044	1
26	Shaft sleeve	8XS.211.060	1
27	Label	8XS.860.010	1

- ◆ Notes:
- 1.When No.14 bending plate and 5XS.043.021 support assembly are mounted at the same time in 5XS.239.010 interlocking device,bending plate8xS.161.058.1canbeused
- 2.No. 22 crank in connecting rod aassembly has two sizes, standard central distance 6oMM. If central distance 8oMM, please refer to 5XS.233.030.1parts in the list

Earthing switch operating mechanism interlocking device

◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.1 Assembly diagram



◆ Product instruction

Added the back-door reverse interlock in 5XS.363.010 interlocking device,open the back door (seal plate) after earthing switch closing. The original interlock can still operate the earthing switch, while the interlock cannot operate the earthing switch

The interlocking device does not need to change the cabinet with the same as structure 5XS.363.010 in high standardization.Reverse interlock is realized through No.27 lock sleeves and No.25 bent plates.No.26 locks head are removable,enabling emergency unlock to open the back door in urgent situation with earthing switch off

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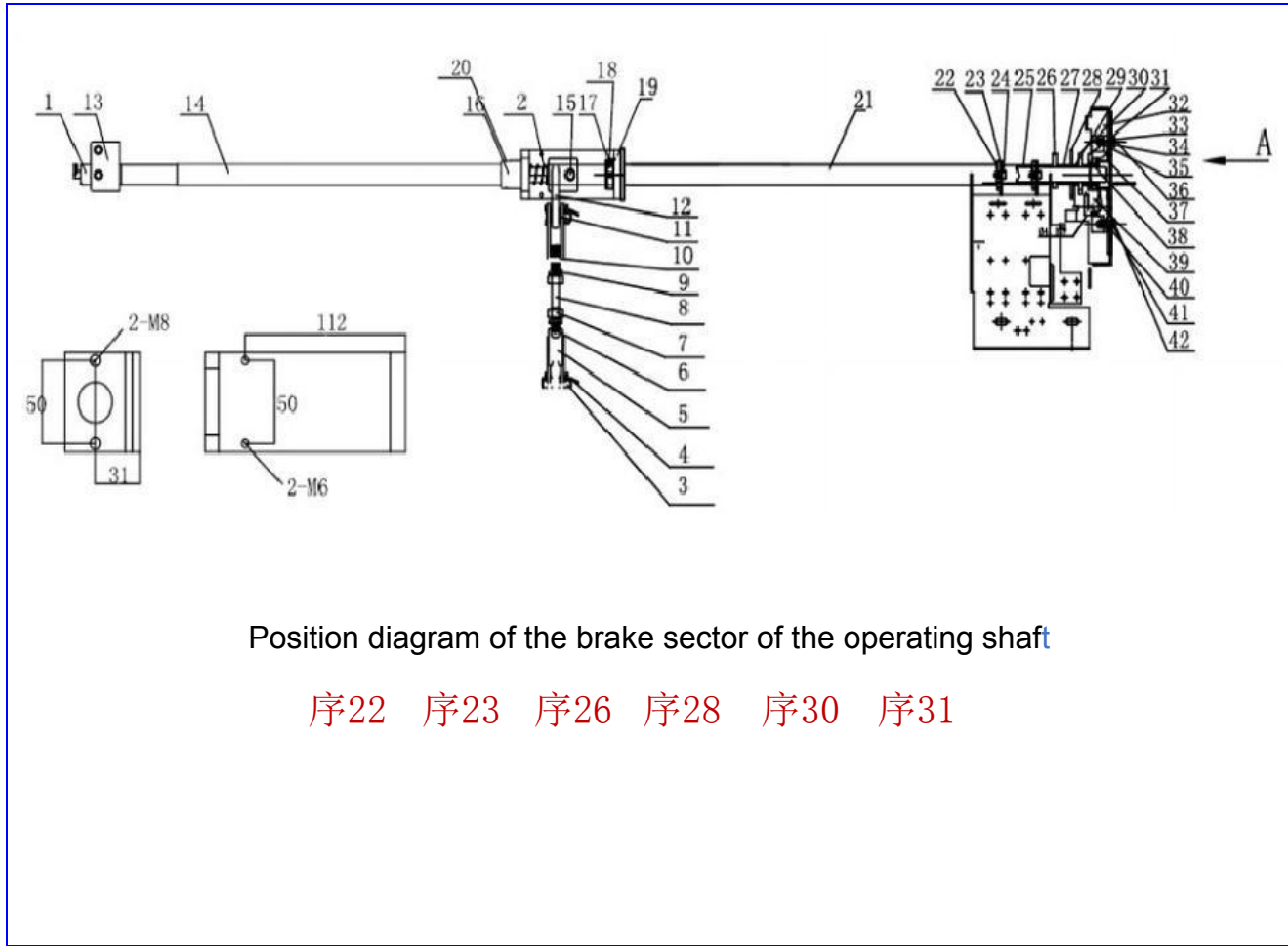
◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.1 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET
1	Bearing	8XS.263.011	1
2	Sector plate (I)	8XS.192.010	1
3	Sector plate (II)	8XS.192.011	1
4	Shaft sleeve	8XS.210.014.1	2
5	Sector plate (III)	8XS.151.041	1
6	Shaft sleeve	8XS.211.061	1
7	Sector plate (IV)	8XS.151.039	1
8	Shaft sleeve	8XS.211.062	1
9	Screw M5X12	GB70-85	1
10	Sector plate (V)	8XS.151.042	1
11	Sector plate(VI)	8XS.151.043	1
12	operating shaft	8XS.200.010.1 Length 1430 for 1500MM depth switchgear	1
		8XS.200.010.2 Length 1590 for 1660MM depth switchgear	1
13	Bending plate	8XS.161.058	1
		8XS.161.058.1	1
14	Cover	8XS.017.011.1	1
15	support	5XS.043.022	1
16	Bending plate	8XS.161.059	1
17	Slide block	8XS.043.010	2
18	Shaft sleeve	8XS.211.058	1
19	Limit sleeve	8XS.211.057	3
20	support	8XS.043.019	1
21	Closing	8XS.866.010	1
22	Connecting rod assembly	5XS.233.030.1	1
		5XS.233.030.3	1
23	Opening	8XS.866.011	1
24	Lock sleeve	8XS.211.059	1
25	Toothed insert plate	8XS.151.044	1
26	Shaft sleeve	8XS.211.060	1
27	Label	8XS.860.010	1
28	Spring pressure	8WXJ.282.201	1
29	Locking sleeve fixing screw	8WXJ.920.002	1

Earthing switch operating mechanism interlocking device

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◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.1 Assembly diagram



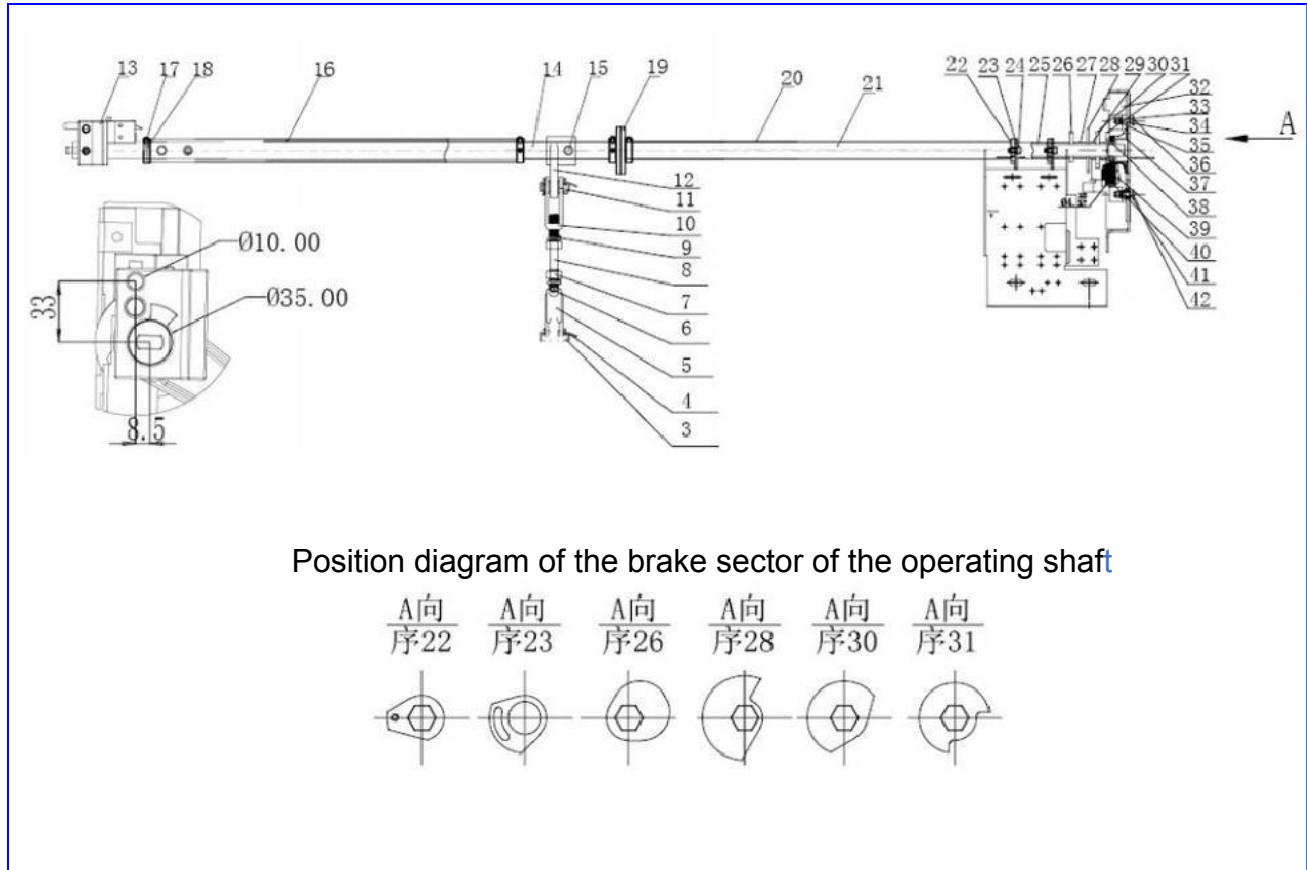
◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.2 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	Remark
1	Lock sleeve	8XS.211.059.2	1	
2	Spring pressure	8XS.211.003.2	1	
3	Pin with hole	GB880-40	2	
4	Cotter pin		4	φ 2. 5*25
5	Crank	7XS.151.017	1	
6	Screw		1	M8*16
7	Nut		1	M12
8	Stud screw	GB901-88/120	1	
9	Spring pad		2	φ 12

No.	Description	Model No.	Quantity PCS/SET	Remark
10	Cross welding	7XS.257.010	1	
11	Gasket	8XS.100.006	4	
12	Crank	7XS.151.016	1	
13	support	8XS.043.019	1	
14	Insulation rod	8XS.024.011.1	1	
15	Cylindrical pin		5	φ 10*40. φ 6*40
16	Shaft sleeve	8XS.024.013	1	
17	Tighten Screw		6	M5*5
18	Limit sleeve	8XS.211.057	3	
19	support	8XS.024.022	2	
20	Screw		1	M6*34
21	operating shaft	8XS.200.493	1	
22	Sector plate	8XS.151.043	1	
23	Sector plate	8XS.151.042	1	
24	Hexagon screw		1	φ 5*12
25	Shaft sleeve	8XS.211.062	1	72MM
26	Sector plate	8XS.151.039	1	
27	Shaft sleeve	8XS.211.061	1	19MM
28	Sector plate	8XS.151.041	1	
29	Shaft sleeve	8XS.211.060	1	9MM
30	Sector plate	8XS.192.011	1	
31	Sector plate	8XS.192.010	1	
32	Bending plate	8XS.161.059	1	
33	Nut		2	M5
34	Spring pad		2	φ 5
35	Flat Washer		2	φ 5
36	Screw		2	M6*25
37	Cover	8XS.017.011	1	
38	Bearing	8XS.263.011	1	
39	Block	8XS.143.011	2	
40	Cylindrical pin		1	φ 4*20
41	Slide block	8XS.043.010	1	
42	operating shaft	8XS.200.493	1	

Earthing switch operating mechanism interlocking device

◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.3 Assembly diagram



◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.3 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	Remark
1	Shaft sleeve	8XS.211.059.3	1	
2	Spring pressure	8XS.211.003	1	
3	Pin with hole	GB880-40	2	
4	Cotter pin		4	φ2.5*25
5	Crank	7XS.151.017	1	
6	Screw		1	M8*16
7	Nut		1	M12
8	Stud screw	GB901-88/120	1	
9	Spring pad		2	φ12

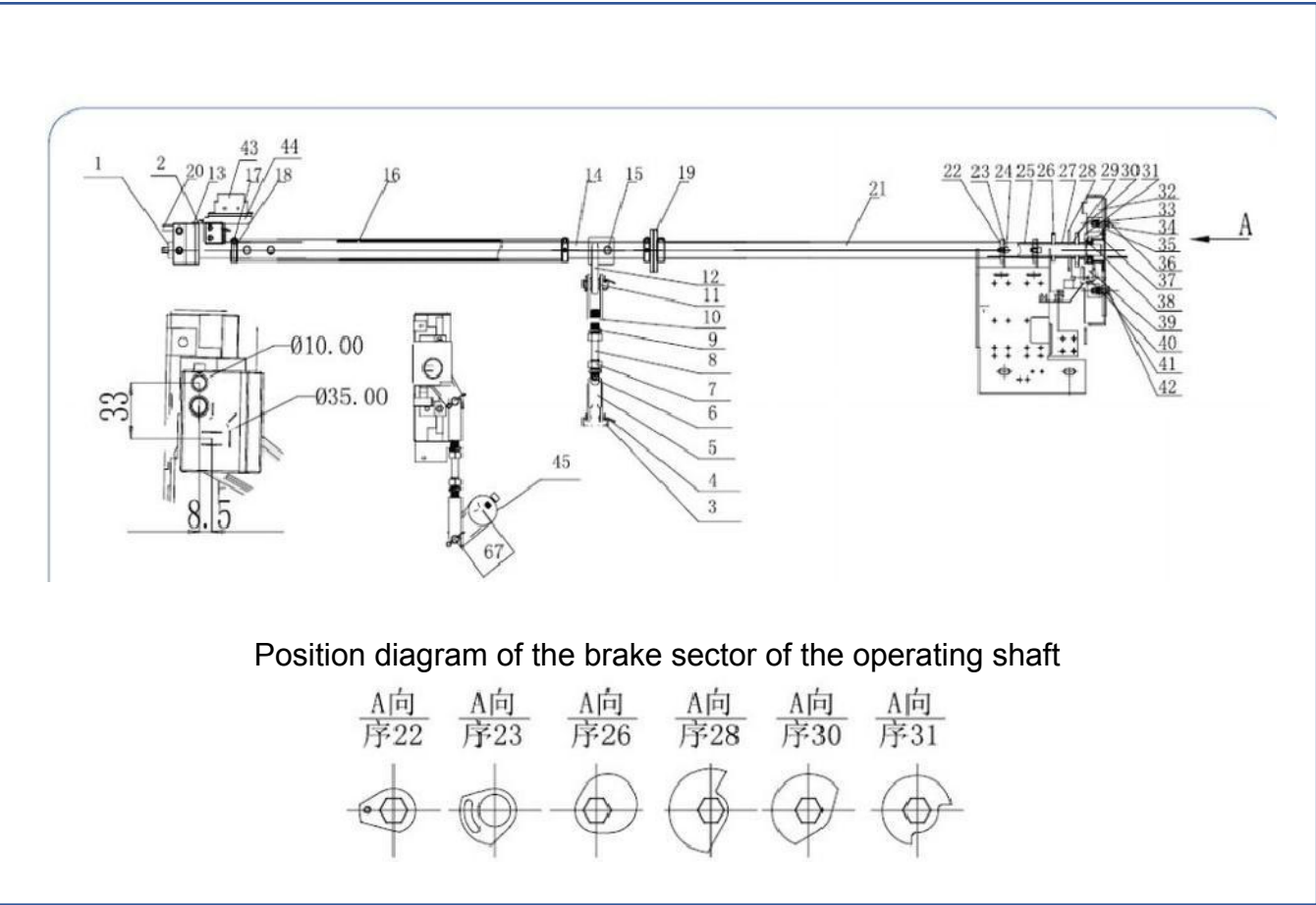
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No.	Description	Model No.	Quantity PCS/SET	Remark
10	Cross welding	7XS.257.010	1	
11	Gasket	8XS.100.006	4	
12	Crank	7XS.151.016	1	
13	support	8XS.043.019.3	1	
14	operating shaft	8XS.200.920	1	
15	Cylindrical pin		5	φ 10*40. φ 6*40
16	Shaft sleeve	8XS.211.063	1	40MM
17	Tighten Screw		6	M5*5
18	Limit sleeve	8XS.211.057	3	
19	Shaft sleeve	8XS.211.058	2	
20	Shaft sleeve	8XS.200.034	1	
21	operating shaft	8XS.200.493	1	
22	Sector plate	8XS.151.043	1	
23	Sector plate	8XS.151.042	1	
24	Hexagon screw		1	φ 5*12
25	Shaft sleeve	8XS.211.062	1	72MM
26	Sector plate	8XS.151.039	1	
27	Shaft sleeve	8XS.211.061	1	19MM
28	Sector plate	8XS.151.041	1	
29	Shaft sleeve	8XS.211.060	1	9MM
30	Sector plate	8XS.192.011	1	
31	Sector plate	8XS.192.010	1	
32	Bending plate	8XS.161.059	1	
33	Nut		2	M5
34	Spring pad		2	φ 5
35	Flat Washer		2	φ 5
36	Screw		2	M6*25
37	Cover	8XS.017.011	1	
38	Bearing	8XS.263.011	1	
39	Block	8XS.143.011	2	
40	Cylindrical pin		1	φ 4*20
41	Slide block	8XS.043.010	1	
42	support	8XS.043.022	1	

Earthing switch operating mechanism interlocking device

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◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.3D Assembly diagram



Position diagram of the brake sector of the operating shaft

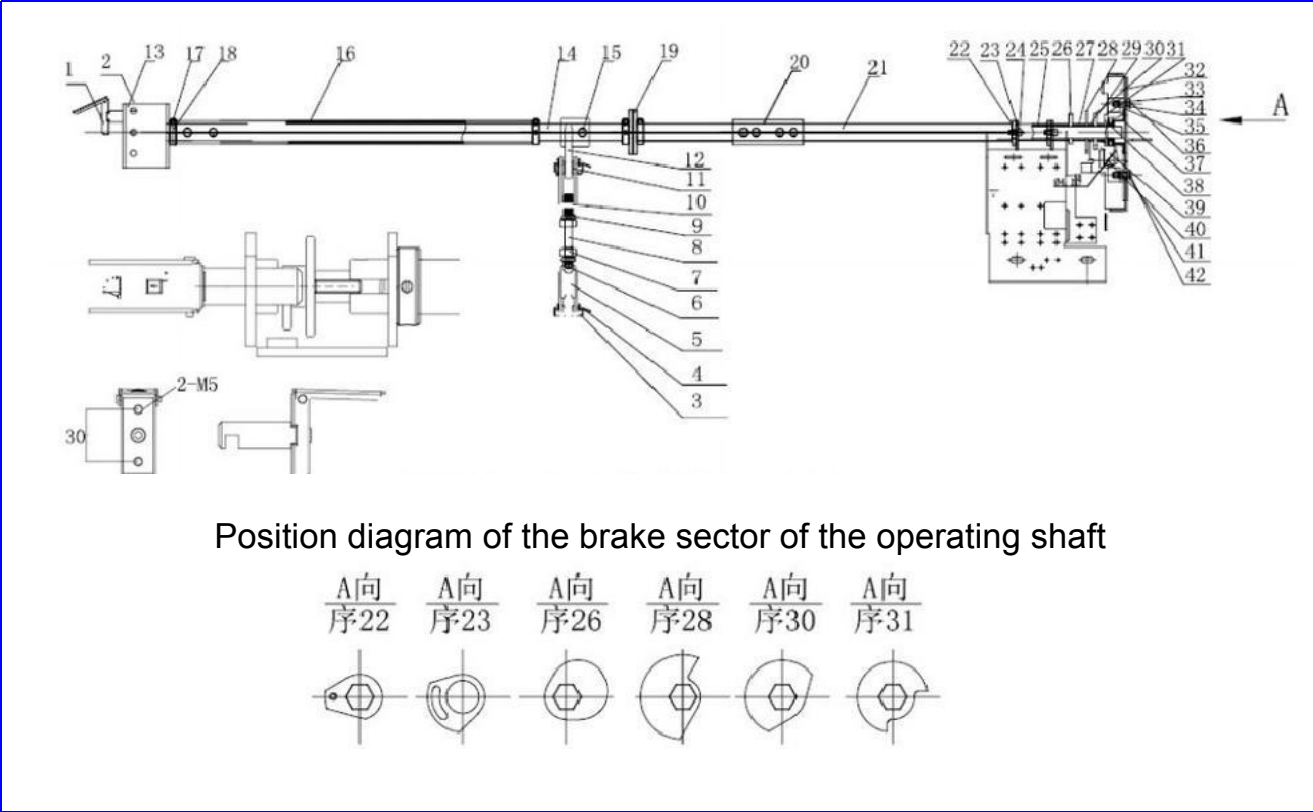
No.	Description	Model No.	Quantity PCS/SET	Remark
10	Cross welding	7XS.257.010	1	
11	Gasket	8XS.100.006	4	
12	Crank	7XS.151.016	1	
13	support	8XS.043.019.3	1	
14	operating shaft	8XS.200.920	1	
15	Cylindrical pin		5	φ 10*40. φ 6*40
16	Shaft sleeve	8XS.211.063	1	40MM
17	Tighten Screw		6	M5*5
18	Limit sleeve	8XS.211.057	3	
19	Shaft sleeve	8XS.211.058	2	
20	Shaft sleeve	8XS.200.034	1	
21	operating shaft	8XS.200.493	1	
22	Sector plate	8XS.151.043	1	
23	Sector plate	8XS.151.042	1	
24	Hexagon screw		1	φ 5*12
25	Shaft sleeve	8XS.211.062	1	72MM
26	Sector plate	8XS.151.039	1	
27	Shaft sleeve	8XS.211.061	1	19MM
28	Sector plate	8XS.151.041.1	1	
29	Shaft sleeve	8XS.211.060	1	9MM
30	Sector plate	8XS.192.011.1	1	
31	Sector plate	8XS.192.010	1	
32	Bending plate	8XS.161.059	1	
33	Nut		2	M5
34	Spring pad		2	φ 5
35	Flat Washer		2	φ 5
36	Screw		2	M6*25
37	Cover	8XS.017.011	1	
38	Bearing	8XS.263.011	1	
39	Block	8XS.143.011	2	
40	Cylindrical pin		1	φ 4*20
41	Slide block	8XS.043.010	1	
42	support	8XS.043.022	1	
43	Auxiliary switch			
44	Switch support			
45	Crank	7XS.151.017.1		L=67

◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.3D Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	Remark
1	Shaft sleeve	8XS.211.059.3	1	
2	Spring pressure	8XS.211.003	1	
3	Pin with hole	GB880-40	2	
4	Cotter pin		4	φ 2. 5*25
5	Crank	7XS.151.017	1	
6	Screw		1	M8*16
7	Nut		1	M12
8	Stud screw	GB901-88/120	1	
9	Spring pad		2	φ 12

Earthing switch operating mechanism interlocking device

◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)
5XS.363.010.4 Assembly diagram(Second generation cubicles)



◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)
5XS.363.010.4 Model No.and dimensions(Second generation cubicles)

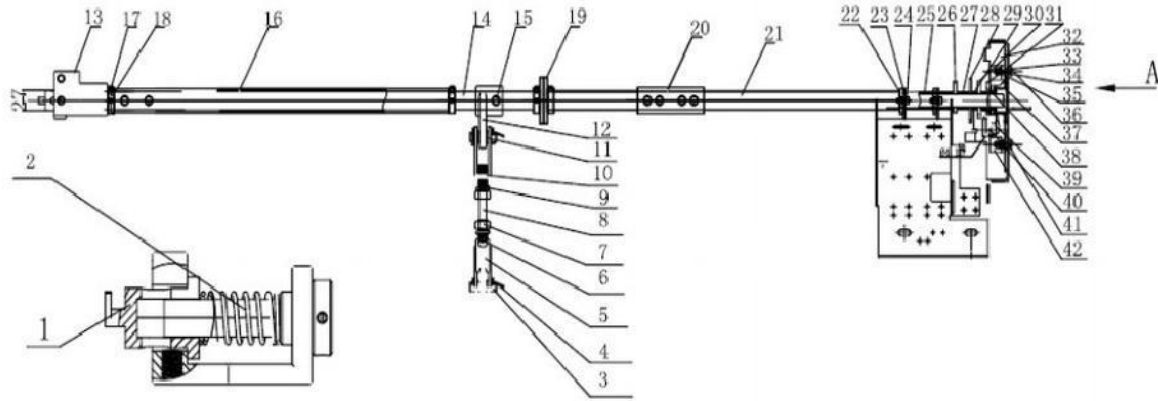
No.	Description	Model No.	Quantity PCS/SET	Remark
1	Shaft sleeve	8XS.211.059.4	1	
2	Spring pressure	8XS.211.003	1	
3	Pin with hole	GB880-40	2	
4	Cotter pin		4	Φ 2. 5*25
5	Crank	7XS.151.017	1	
6	Hexagon screw		1	M8*16
7	Nut		1	M12
8	Stud screw	GB901-88/120	1	
9	Spring pad		2	Φ 12

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No.	Description	Model No.	Quantity PCS/SET	Remark
10	Cross welding	7XS.257.010	1	
11	Gasket	8XS.100.006	4	
12	Crank	7XS.151.016	1	
13	support	8XS.220.010	1	
14	operating shaft	8XS.200.920	1	
15	Cylindrical pin		5	Φ 10*40. Φ 6*40
16	Shaft sleeve	8XS.211.063	1	40MM
17	Tighten Screw		6	M5*5
18	Limit sleeve	8XS.211.057	3	
19	Shaft sleeve	8XS.211.058	2	
20	Shaft sleeve	8XS.200.034	1	
21	operating shaft	8XS.200.493	1	
22	Sector plate	8XS.151.043	1	
23	Sector plate	8XS.151.042	1	
24	Hexagon screw		1	Φ 5*12
25	Shaft sleeve	8XS.211.062	1	72MM
26	Sector plate	8XS.151.039	1	
27	Shaft sleeve	8XS.211.061	1	19MM
28	Sector plate	8XS.151.041	1	
29	Shaft sleeve	8XS.211.060	1	9MM
30	Sector plate	8XS.192.011	1	
31	Sector plate	8XS.192.010	1	
32	Bending plate	8XS.161.059	1	
33	Nut		2	M5
34	Spring pad		2	Φ 5
35	Flat Washer		2	Φ 5
36	Screw		2	M6*25
37	Cover	8XS.017.011	1	
38	Bearing	8XS.263.011	1	
39	Block	8XS.143.011	2	
40	Cylindrical pin		1	Φ 4*20
41	Slide block	8XS.043.010	1	
42	support	8XS.043.022	1	

Earthing switch operating mechanism interlocking device

◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.5 Assembly diagram



Position diagram of the brake sector of the operating shaft



◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.5 Model No.and dimensions

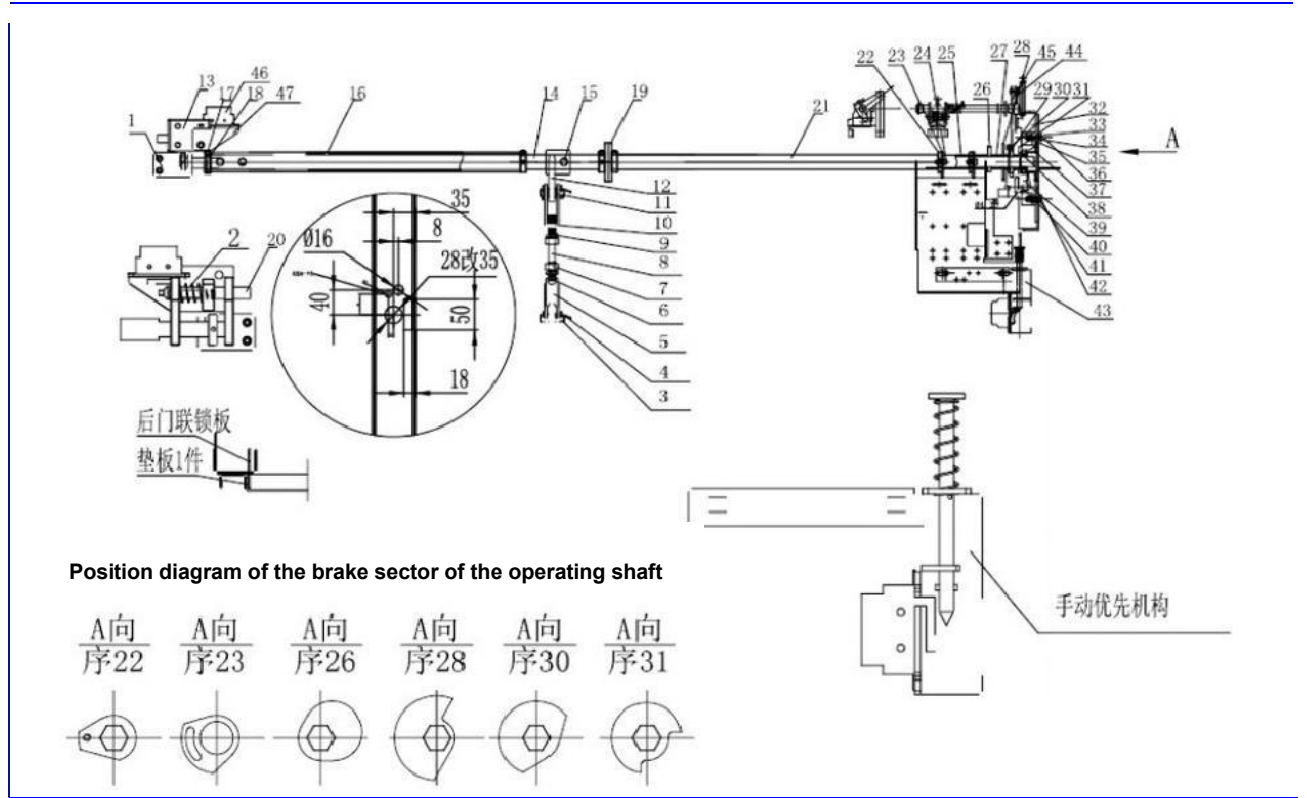
No.	Description	Model No.	Quantity PCS/SET	Remark
1	Shaft sleeve	8XS.211.059.5	1	
2	Spring pressure	8XS.211.003.5	1	
3	Pin with hole	GB880-40	2	
4	Cotter pin		4	φ2.5*25
5	Crank	7XS.151.017	1	
6	Hexagon screw		1	M8*16
7	Nut		1	M12
8	Stud screw	GB901-88/120	1	
9	Spring pad		2	φ12

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No.	Description	Model No.	Quantity PCS/SET	Remark
10	Cross welding	7XS.257.010	1	
11	Gasket	8XS.100.006	4	
12	Crank	7XS.151.016	1	
13	support	8XS.220.010	1	
14	operating shaft	8XS.200.920	1	
15	Cylindrical pin		5	φ10*40.φ6*40
16	Shaft sleeve	8XS.211.063	1	40MM
17	Tighten Screw		6	M5*5
18	Limit sleeve	8XS.211.057	3	
19	Shaft sleeve	8XS.211.058	2	
20	Shaft sleeve	8XS.200.034	1	
21	operating shaft	8XS.200.493	1	
22	Sector plate	8XS.151.043	1	
23	Sector plate	8XS.151.042	1	
24	Hexagon screw		1	φ5*12
25	Shaft sleeve	8XS.211.062	1	72MM
26	Sector plate	8XS.151.039	1	
27	Shaft sleeve	8XS.211.061	1	19MM
28	Sector plate	8XS.151.041	1	
29	Shaft sleeve	8XS.211.060	1	9MM
30	Sector plate	8XS.192.011	1	
31	Sector plate	8XS.192.010	1	
32	Bending plate	8XS.161.059	1	
33	Nut		2	M5
34	Spring pad		2	φ5
35	Flat Washer		2	φ5
36	Screw		2	M6*25
37	Cover	8XS.017.011	1	
38	Bearing	8XS.263.011	1	
39	Block	8XS.143.011	2	
40	Cylindrical pin		1	φ4*20
41	Slide block	8XS.043.010	1	
42	support	8XS.043.022	1	

Earthing switch operating mechanism interlocking device

◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.6D Assembly diagram



◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.6D Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	Remark
1	Shaft sleeve	8XS.211.059.6	1	
2	Spring pressure	8XS.211.003	1	
3	Pin with hole	GB880-40	2	
4	Cotter pin		4	φ2.5*25
5	Crank	7XS.151.017	1	
6	Hexagon screw		1	M8*16
7	Nut		1	M12
8	Stud screw	GB901-88/120	1	
9	Spring pad		2	φ12

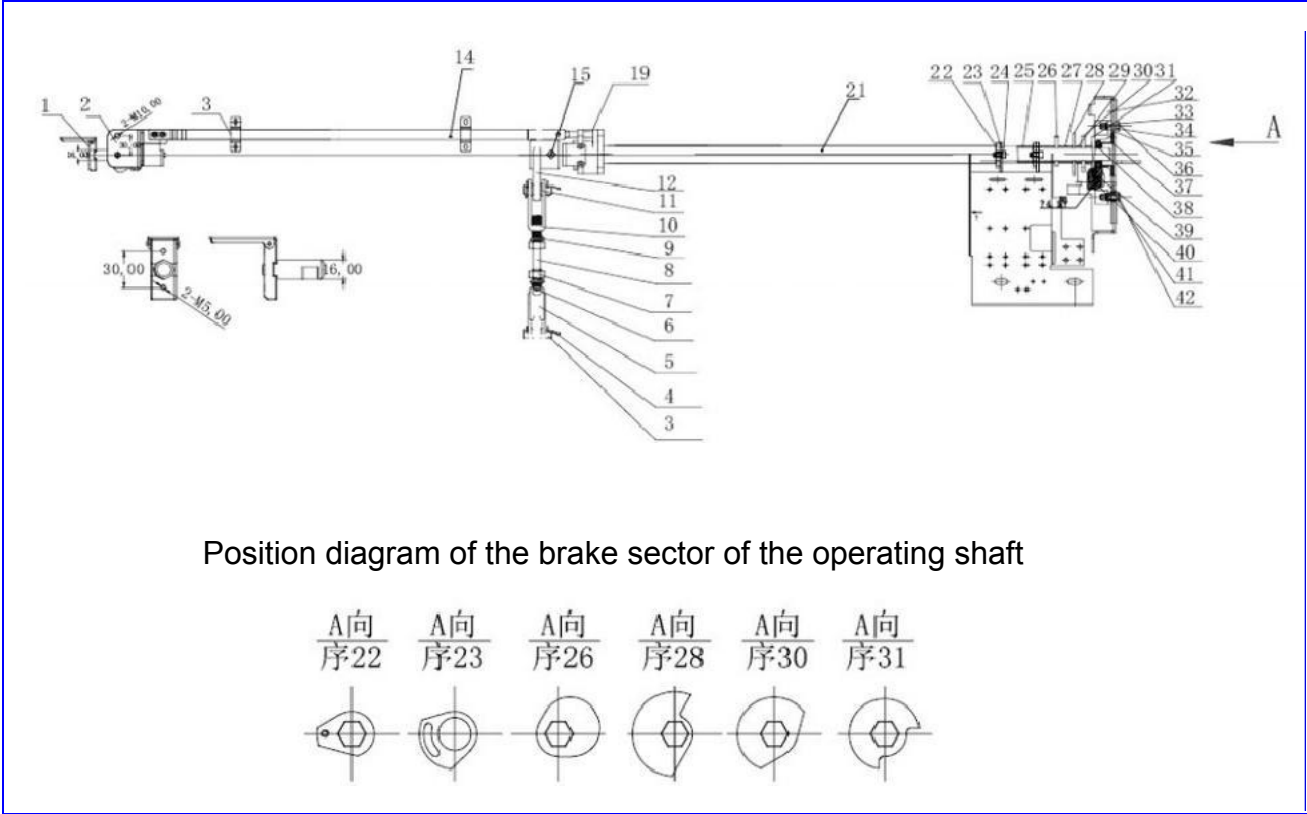
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No.	Description	Model No.	Quantity PCS/SET	Remark
10	Cross welding	7XS.257.010	1	
11	Gasket	8XS.100.006	4	
12	Crank	7XS.151.016	1	
13	support	8XS.043.019.3	1	
14	operating shaft	8XS.200.920	1	
15	Cylindrical pin		5	φ10*40.φ6*40
16	Shaft sleeve	8XS.211.063	1	40MM
17	Tighten Screw		6	M5*5
18	Limit sleeve	8XS.211.057	3	
19	Shaft sleeve	8XS.211.058	2	
20	Shaft sleeve	8XS.200.034.6	1	
21	operating shaft	8XS.200.493	1	
22	Sector plate	8XS.151.043	1	
23	Sector plate	8XS.151.042	1	
24	Hexagon screw		1	φ5*12
25	Shaft sleeve	8XS.211.062	1	72MM
26	Sector plate	8XS.151.039	1	
27	Shaft sleeve	8XS.211.061	1	19MM
28	Sector plate	8XS.151.041	1	
29	Shaft sleeve	8XS.211.060	1	9MM
30	Sector plate	8XS.192.011.6	1	
31	Sector plate	8XS.192.010	1	
32	Bending plate	8XS.161.059	1	
33	Nut		2	M5
34	Spring pad		2	φ5
35	Flat Washer		2	φ5
36	Screw		2	M6*25
37	Cover	8XS.017.011	1	
38	Bearing	8XS.263.011	1	
39	Block	8XS.143.011	2	
40	Cylindrical pin		1	φ4*20
41	Slide block	8XS.043.010	1	
42	support	8XS.043.022	1	
43	Manual priority mechanism	5XS.161.353		
44	Short connecting rod	8XS.161.252		
45	Long connecting rod	8XS.161.253		
46	Auxiliary switch			
47	switch support 6			

Earthing switch operating mechanism interlocking device

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◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.7 Assembly diagram



Position diagram of the brake sector of the operating shaft

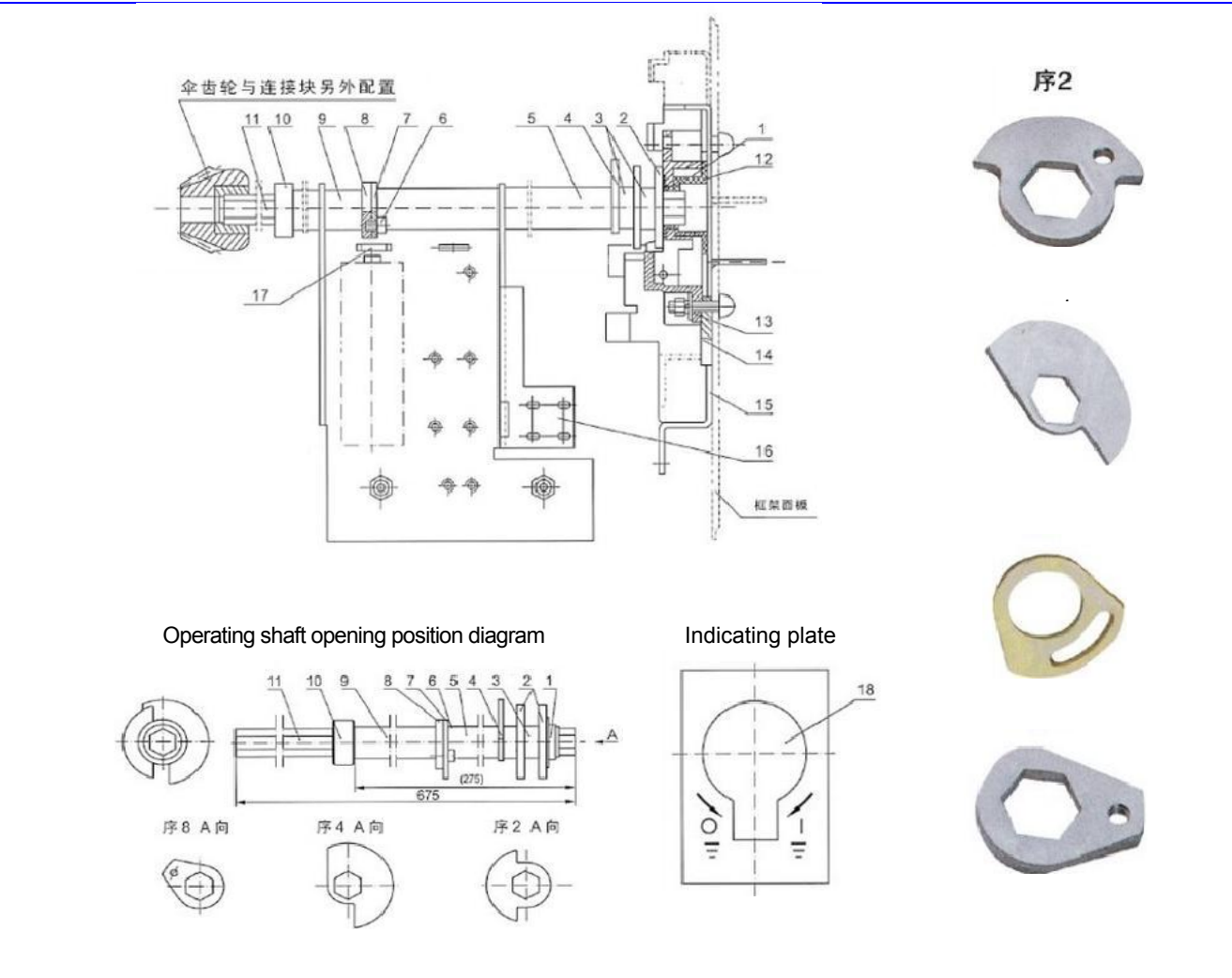
◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive)5XS.363.010.7 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	Remark
1	Shaft sleeve	8XS.211.059.7	1	
2	Support assembly	5XS.043.054	1	
3	support	8SZY-043-060	1	
4	Cotter pin		4	φ2.5*25
5	Crank	7XS.151.017	1	
6	Hexagon screw		1	M8*16
7	Nut		1	M12
8	Stud screw	GB901-88/120	1	
9	Spring pad		2	φ12

No.	Description	Model No.	Quantity PCS/SET	Remark
10	Cross welding	7XS.257.010	1	
11	Gasket	8XS.100.006	4	
12	Crank	7XS.151.016	1	
13	support	8XS.043.019.3	1	
14	Flat Iron	8SZY-043-059	1	
15	Cylindrical pin		5	φ10*40.φ6*40
16	Shaft sleeve	8XS.211.063	1	40MM
17	Tighten Screw		6	M5*5
18	Limit sleeve	8XS.211.057	3	
19	Shaft sleeve	8XS.211.050	2	
20	Shaft sleeve	8XS.200.034	1	
21	operating shaft	8XS.200.493.7	1	
22	Sector plate	8XS.151.043	1	
23	Sector plate	8XS.151.042	1	
24	Hexagon screw		1	φ5*12
25	Shaft sleeve	8XS.211.062	1	72MM
26	Sector plate	8XS.151.039	1	
27	Shaft sleeve	8XS.211.061	1	19MM
28	Sector plate	8XS.151.041	1	
29	Shaft sleeve	8XS.211.060	1	9MM
30	Sector plate	8XS.192.011	1	
31	Sector plate	8XS.192.010	1	
32	Bending plate	8XS.161.059	1	
33	Nut		2	M5
34	Spring pad		2	φ5
35	Flat Washer		2	φ5
36	Screw		2	M6*25
37	Cover	8XS.017.011	1	
38	Bearing	8XS.263.011	1	
39	Block	8XS.143.011	2	
40	Cylindrical pin		1	φ4*20
41	Slide block	8XS.043.010	1	
42	support	8XS.043.022	1	

Earthing switch operating mechanism interlocking device

◆ Earthing switch operating mechanism interlocking device (For bevel gear transmission) 5XS.577.1001 Assembly diagram

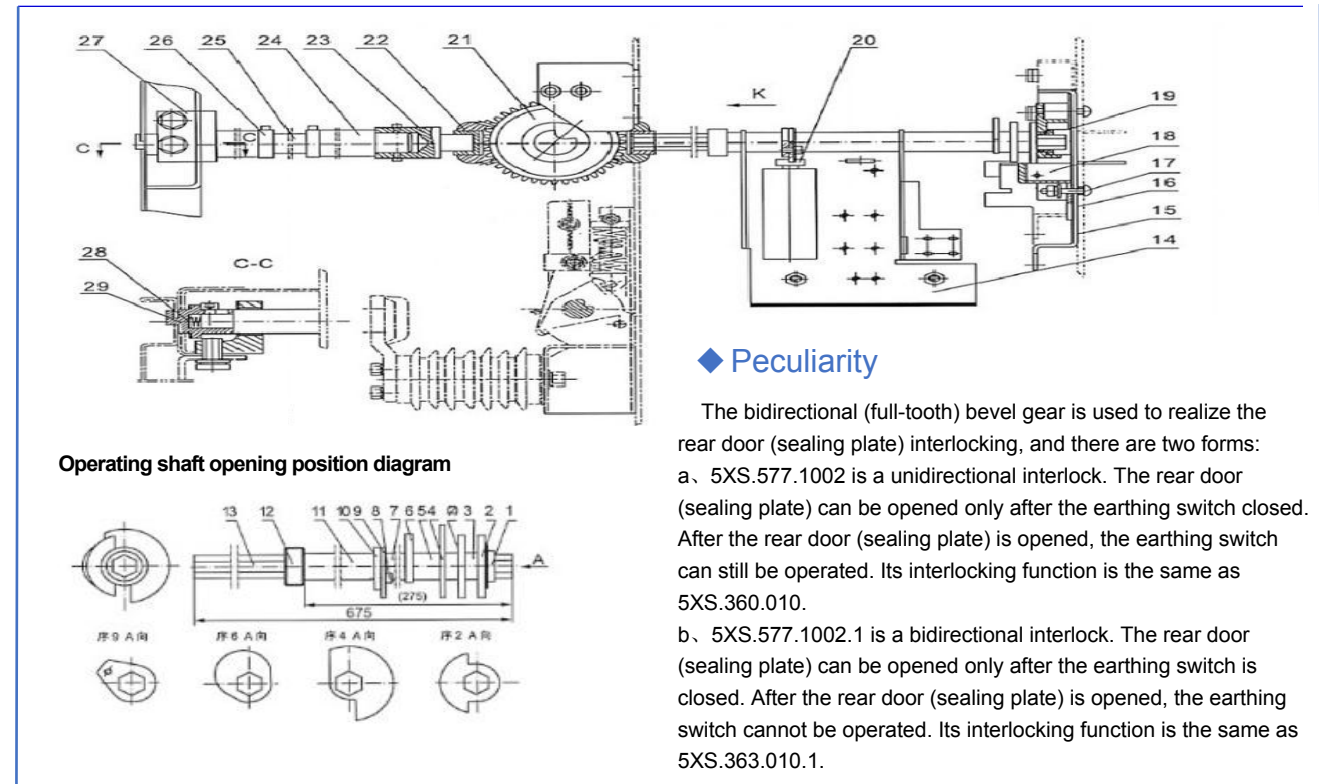


◆ Earthing switch operating mechanism interlocking device (For bevel gear transmission) 5XS.577.1001 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Bearing	8XS.263.011	1	10	Limit sleeve	8XS.210.322	1
2	Sector plate	8XS.151.084	2	11	Operating shaft	8XS.174.214	1
3	Shaft sleeve	8XS.210.014.1	2	12	Cover	8XS.017.011.2	1
4	Sector plate	8XS.151.041	1	13	support	5XS.043.022	1
5	Shaft sleeve	8XS.210.014.2	1	14	Slide block	8XS.143.010	2
6	Screw M5X12	GB70-85	1	15	Bending plate	8XS.161.059	1
7	Sector plate	8XS.151.042	1	16	Bending plate	8XS.161.058	1
8	Sector plate	8XS.151.043	1	17	Toothed insert plate	8XS.151.044	1
9	Shaft sleeve	8XS.200.014.3	1	18	Label	8XS.860.010	1

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◆ Earthing switch operating mechanism interlocking device (For bi-directional bevel gear) 5XS.577.1002/5XS.577.1002.1 Assembly diagram



◆ Peculiarity

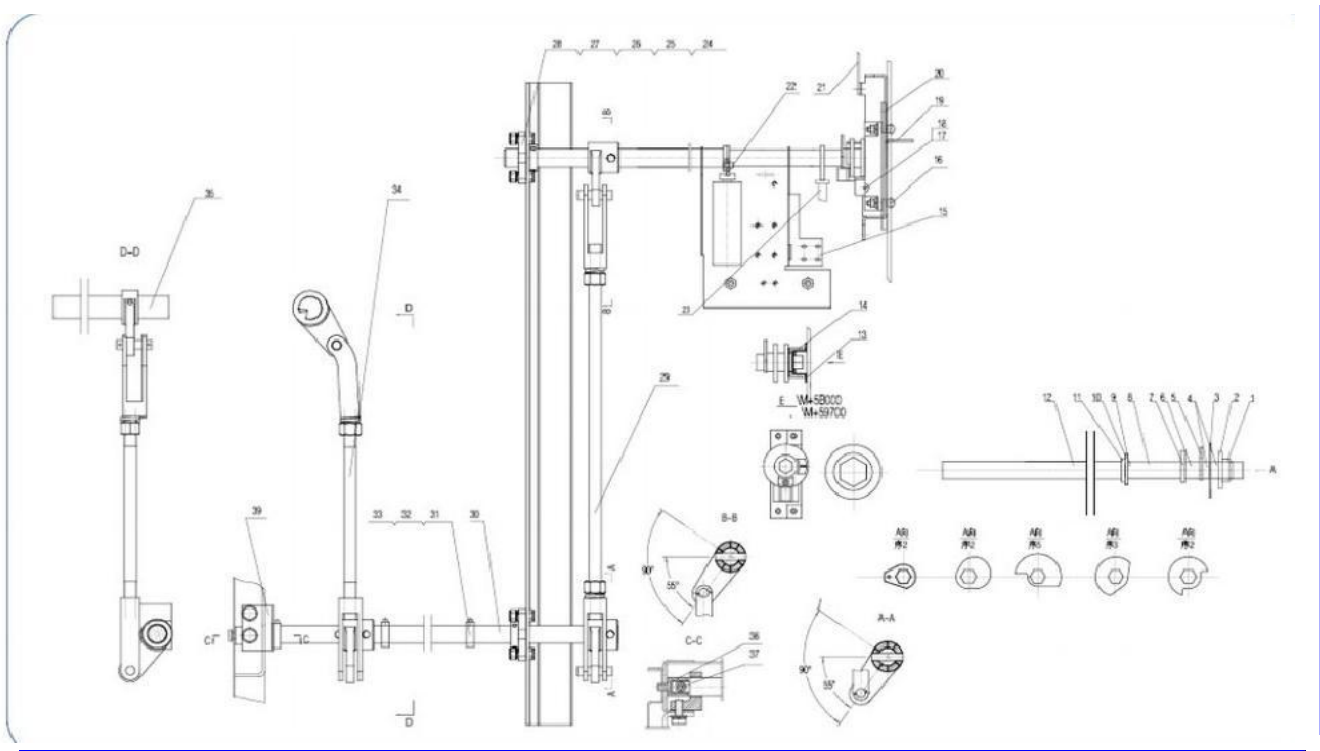
The bidirectional (full-tooth) bevel gear is used to realize the rear door (sealing plate) interlocking, and there are two forms:
a. 5XS.577.1002 is a unidirectional interlock. The rear door (sealing plate) can be opened only after the earthing switch closed. After the rear door (sealing plate) is opened, the earthing switch can still be operated. Its interlocking function is the same as 5XS.360.010.
b. 5XS.577.1002.1 is a bidirectional interlock. The rear door (sealing plate) can be opened only after the earthing switch is closed. After the rear door (sealing plate) is opened, the earthing switch cannot be operated. Its interlocking function is the same as 5XS.363.010.1.

◆ Earthing switch operating mechanism interlocking device (For bi-directional bevel gear) 5XS.577.1002/5XS.577.1002.1 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Bearing	8XS.263.011	1	20	Toothed insert plate	8XS.151.044	2
2	Sector plate	8XS.151.084	2	21	Bevel gear assembly	8XS.245.002.1	2
3	Shaft sleeve	8XS.210.014.1	2	22	Connection block	8XS.143.108.2	1
4	Sector plate	8XS.151.041	1	23	Connection sleeve	8XS.259.001.1	1
5	Shaft sleeve	8XS.210.061	1	24	Shaft sleeve	8XS.211.060	1
6	Sector plate	8XS.151.039	1	25	Connection shaft (For 5XS.577.1002)	8XS.200.011.1 For Switchgear depth 1500	1
7	Shaft sleeve	8XS.210.062	1			8XS.200.011.1 For Switchgear depth 1660	
8	Screw M5X12	GB70-85	1			8XS.200.012.1 For Switchgear depth 1500	
9	Sector plate	8XS.151.042	1			8XS.200.012.1 For Switchgear depth 1660	
10	Sector plate	8XS.151.043	1	26	Limit sleeve	8XS.211.057	1
11	Shaft sleeve	8XS.200.014.3	1	27	support	8XS.043.019.7	1
12	Limit sleeve	8XS.210.322	1	28	Spring pressure	For5XS.577.1002.1	1
13	operating shaft	8XS.174.214	1	29	Shaft sleeve	For 5XS.577.1002.	1
14	Bending plate	8XS.161.058	1			For 5XS.577.1002.1	
15	Bending plate	8XS.161.059	1	30	Bending plate	8XS.161.874	2
16	Slide block	8XS.143.010	2	31	Fixed block	8XS.143.501	2
17	Bolt M6*25	GB12-88	2	32	Label	8XS.860.010	1
18	support	5XS.043.022	1				
19	Cover	8XS.017.011.2	1				

Earthing switch operating mechanism interlocking device

◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive) 5XS.363.010-241/242 Assembly diagram

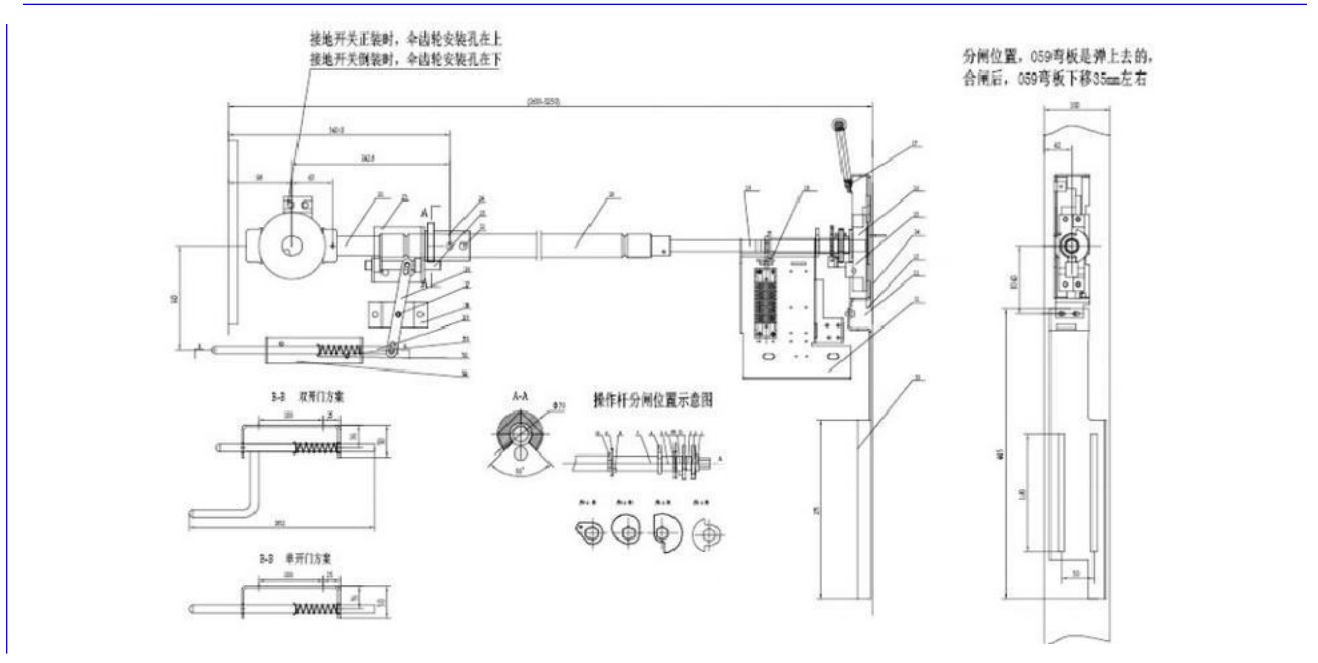


◆ Earthing switch operating mechanism interlocking device(reverse locking of crank arm drive) 5XS.363.010-241/242 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Bearing	8XS.263.011	1	19	Bending plate	8XS.161.059	1
2	Sector plate	8XS.190.010	1	20	Slide block	8XS.043.010	2
3	Sector plate	8XS.190.011	1	21	Guide rail interlocking	5XS.363.011	1
4	Shaft sleeve	8XS.210.014.1	2	22	Toothed insert plate	8XS.151.044	1
5	Sector plate	8XS.151.041	4	23	interlocking mechanism	5XS.39.010	1
6	Shaft sleeve	8XS.211.061	4	24	Shaft sleeve	8XS.211.058	1
7	Sector plate	8XS.151.039	1	25	Bolt M6*25	GB5783-86	2
8	Shaft sleeve	8XS.211.062	2	26	Gasket	GB97.1-85	4
9	Screw M5X12	GB70-85	1	27	Gasket	GB93-87	2
10	Sector plate	8XS.151.042	1	28	Nut M8	GB170-86	2
11	Sector plate	8XS.151.043	1	29	Connecting rod assembly	8XS.008.882	1
12	operating shaft	8SZY.024.010	1	30	operating shaft	8SZY.024.010.2	1
		8SZY.024.010.1	1	31	Limit sleeve	8XS.211.057	3
13	Cover	8XS.017.011	1	32	Screw M5X12	GB70-85	3
14	support	8XS.043.022	1	33	Shaft sleeve	8XS.211.060	2
15	Bending plate	8XS.161.058	1	34	Connecting rod assembly	86F.008.883	1
16	Bolt M6*30	GB12-86	2	35	support	8XS.043.019	1
17	Slide block	8XS.143.011	1	36	Shaft sleeve	8XS.211.059	1
18	Cotter pin 4*20	GB879-86	1	37	Screw M6X16	GB70-858	1

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◆ 35kV Earthing switch operating mechanism interlocking device(For bi-directional bevel gear)5XS.577.1003 (Double door) / 5XS.577.1003.1 (Single door)Assembly diagram

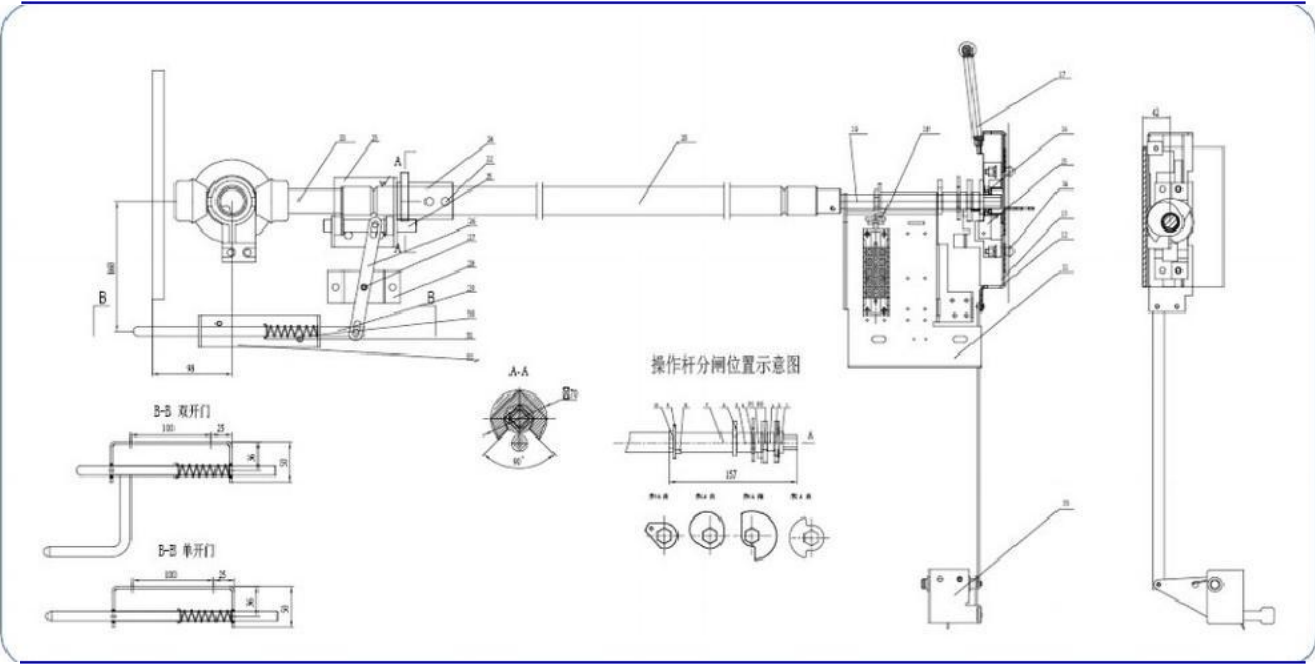


◆ 35kV Earthing switch operating mechanism interlocking device(For bi-directional bevel gear)5XS.577.1003 (Double door) / 5XS.577.1003.1 (Single door) Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	Remar k	N o.	Description	Model No.	Quantity PCS/SET	Remark
1	Bearing	8SZY.263.011	1		18	Toothed insert plate	8XS.151.044	1	
2	Limit sleeve	8SZY.151.084	2		19	Operating Lever		1	L=395
3	Shaft sleeve	8SZY.210.014.1	2		20	Shaft welding	8SZY.050.44220		
4	Sector plate	8SZY.151.041	1		21	Operating Lever			L=145
5	Shaft sleeve	8SZY210.061	1		22	Elastic pin		2	φ 10*45 φ 6*45
6	Sector plate	8SZY.151.039	1		23	Bend plate welding	10SZY.07.143	1	
7	Shaft sleeve	8SZY.211.062	1		24	Limit sleeve welding	5SZY.07.149	1	
8	Screw	GB70-85	1	M5X12	25	Short Axis	10SZY.07.147	1	
9	Sector plate	8SZY.151.042	1		26	Connecting lever	10AZY.07.145	1	
10	Sector plate	8SZY.151.043	1		27	Bolt	8SZY.993.015.1	1	
11	Bending plate	8SZY.161.058	1		28	Bending plate	10SZY.07.142	1	
12	Bending plate	8SZY.161.059.1	1		29	Long shaft welding	10SZY.09.292	1	
13	Slide block	8SZY.043.010	1		30	Spring pressure	8SZY.282.021	1	
14	Bolt	GB12-88	1	M6*25	31	Elastic pin		1	φ 3*18
15	support	5SZY.043.022	2		32	Bending plate	10SZY.07.141	1	
16	Cover	8SZY.017.011	1		33	Interlocking bent plate	8SZY.101.245	1	
17	Tension spring	8SZY.288.016	1						

Earthing switch operating mechanism interlocking device

◆ 35kV Earthing switch operating mechanism interlocking device(For bi-directional bevel gear)5XS.577.1004 (Double door)/ 5XS.577.1004.1 (Single door)Assembly diagram

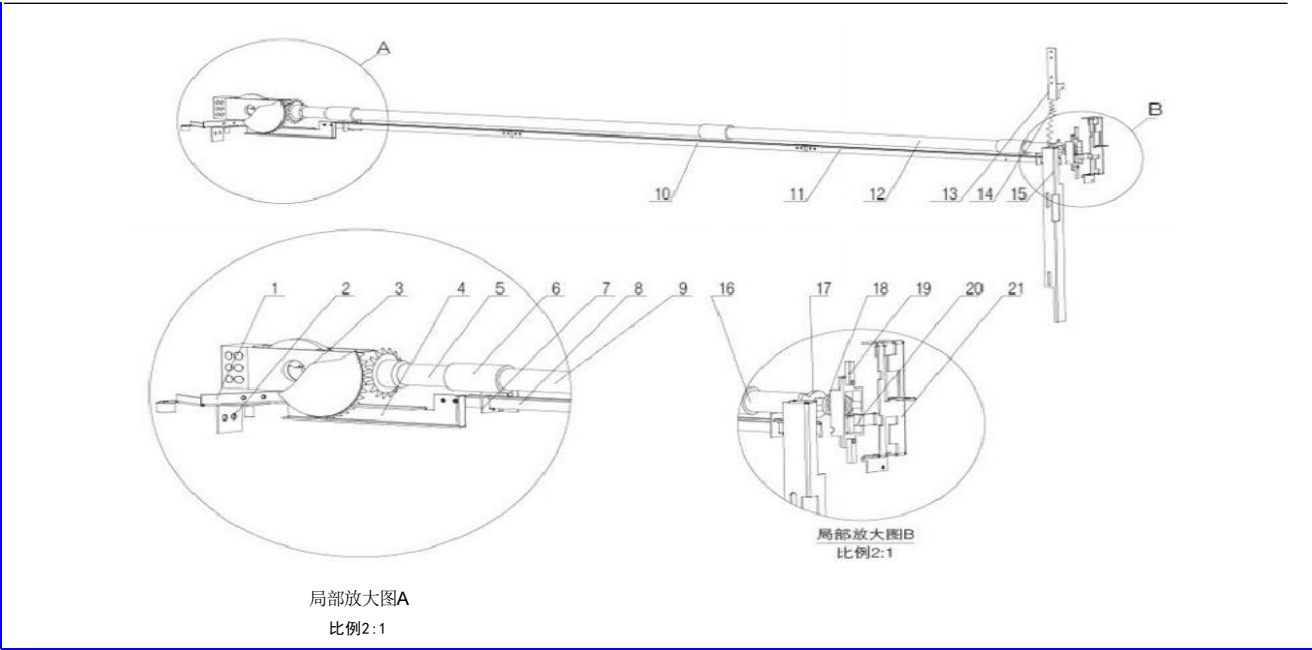


◆ 35kV Earthing switch operating mechanism interlocking device(For bi-directional bevel gear)5XS. 577. 1004 (Double door)/ 5XS. 577. 1004. 1 (Single door) Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	Remark	No.	Description	Model No.	Quantity PCS/SET	Remark
1	Bearing	8SZY.263.011	1		18	Toothed insert plate	8XS.151.044	1	
2	Limit sleeve	8SZY.151.084	2		19	operating shaft		1	L=395
3	Shaft sleeve	8SZY.210.014.1	2		20	Shaft welding	8SZY.050.44220		
4	Sector plate	8SZY.151.041	1		21	operating shaft			L=145
5	Shaft sleeve	8SZY210.061	1		22	Elastic pin		2	Φ 10*45 Φ 6*45
6	Sector plate	8SZY.151.039	1		23	Bend plate welding	10SZY.07.143	1	
7	Shaft sleeve	8SZY.211.062	1		24	Limit sleeve welding	5SZY.07.149	1	
8	Screw	GB70-85	1	M5X12	25	Short Axis	10SZY.07.147	1	
9	Sector plate	8SZY.151.042	1		26	Connecting lever	10AZY.07.145	1	
10	Sector plate	8SZY.151.043	1		27	Bolt	8SZY.993.015.1	3	
11	Bending plate	8SZY.161.058	1		28	Bending plate	10SZY.07.142	1	
12	Bending plate	8SZY.161.059.1	1		29	Long shaft welding	10SZY.09.292	1	
13	Slide block	8SZY.043.010	1		30	Spring pressure	8SZY.282.021	1	
14	Bolt	GB12-88	1	M6*25	31	Elastic pin		1	Φ 3*18
15	support	5SZY.043.022	2		32	Bending plate	10SZY.07.141	1	
16	Cover	8SZY.017.011	1		33	Interlocking device	ZH.050.34203	1	
17	Tension spring	8SZY.288.016	1						

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◆ KYN61 Earthing switch operating mechanism interlocking device(11FY.03.260) Assembly diagram

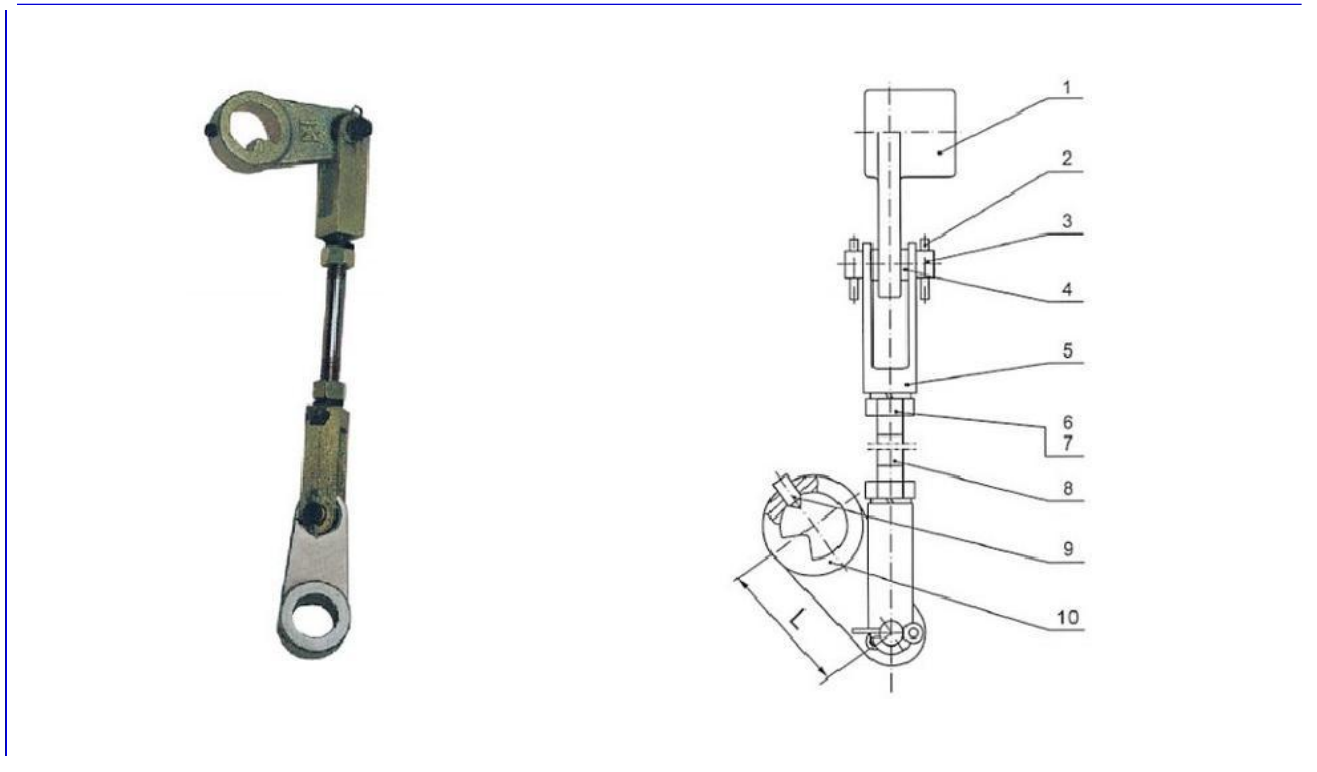


◆ KYN61Earthing switch operating mechanism interlocking device(11FY.03.260) Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Bending assembly		1	12	Operating shaft	9SZY.008.072	1
2	Rear door bracket	95ZY.007.083	1	13	Bending plate	9SZY.007.052	1
3	Bevel gear assembly		1	14	Tension spring	8SZY.288.16	3
4	Bending plate	95ZY.007.055	1	15	Bending plate	9SZY.007.056	1
5	Connection shaft		1	16	Operating shaft	9SZY.010.075	1
6	Connection sleeve	9SZY.007.076	3	17	Sector plate	9SZY.007.050	1
7	Bending plate	9SZY.007.077	2	18	Flat Plastic	9SZY.007.073	1
8	Bending plate	9SZY.007.079	1	19	Slide block	8SZY.143.010.1	2
9	Operating shaft	9SZY.007.071	1	20	Aluminum support (iron)	8SZY.043.022.35	1
10	Connecting rod	95ZY.007.082	1	21	Bending plate	8SZY.161.059.35	1
11	Bending plate	9SZY.007.081	1				

Earthing switch operating mechanism interlocking device

◆ Connecting rod 5XS.233.030.1~3 Assembly dimensions



◆ Connecting rod 5XS.233.030.1~3 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	L
1	Crank	5XS 151.016.1	1	
2	Cotter pin 4×20	GB91-86	4	
3	Pin with hole12x20	GB880-86	2	
4	Gasket	8XS.950.010	4	
5	Clamp	8XS.257.010	2	
6	Nut M12	GB6170-86	2	
7	Gasket 12	GB93-87	1	
8	Stud M12x120	GB901-88	1	
9	Bolt M8x16	GB78-85	1	
10	Crank	5XS.233.030.1 For 5XS.151.017		60
		5XS.233.030.3 For 5XS.151.017.1		67

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◆ Interlocking device 5XS.239.010 Assembly dimensions

Interlocking device 5XS.239.010 Installation

No.7 support assembly5XS.043.021

◆Features and usage

The mechanism can get the function with earthing switch can be opened when the lower doors not properly connected.

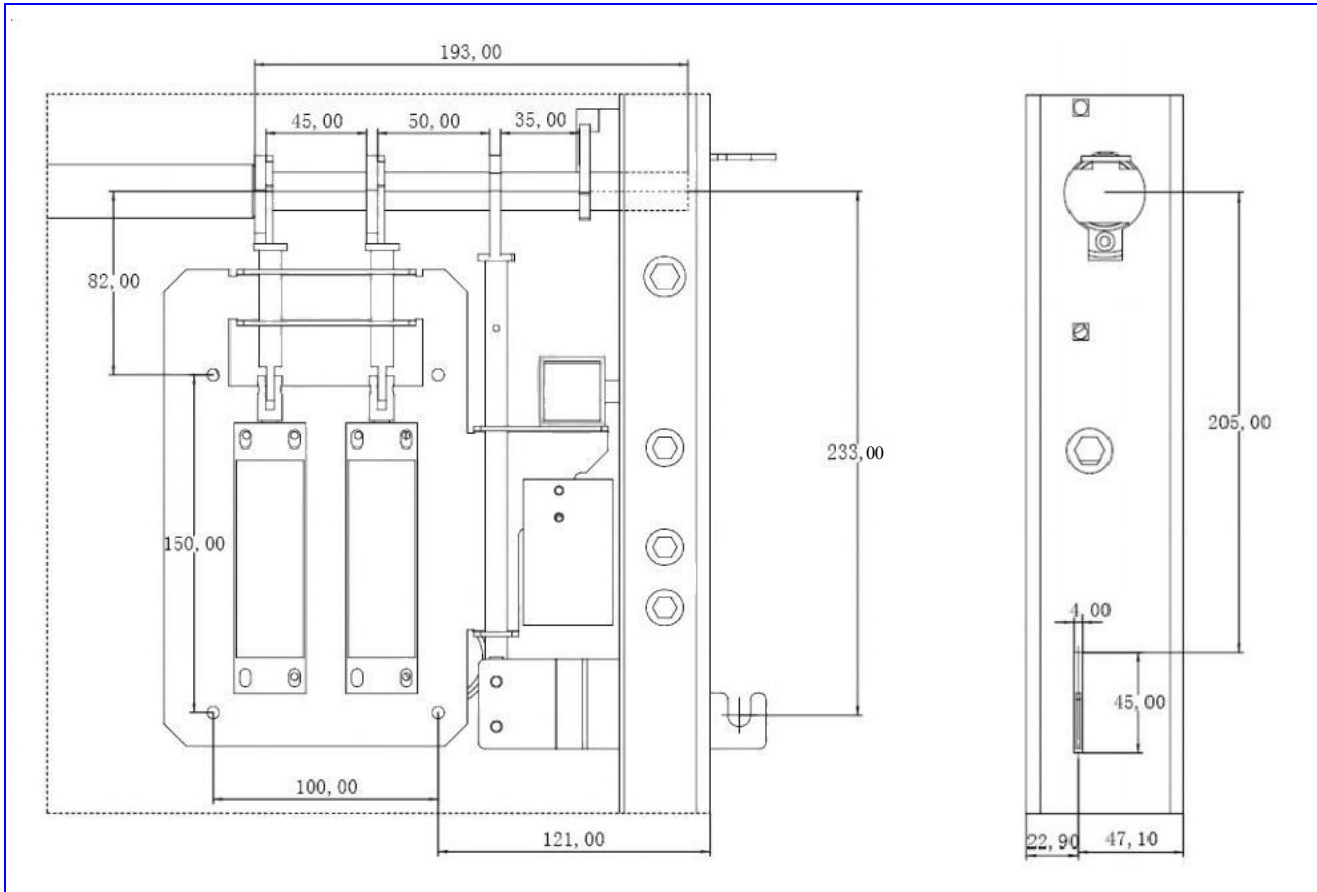
When operating, close the lower door first in order, and then turn on the earthing switch, the handcart can enter the working position from the test position.

◆ Interlocking device 5XS.239.010 Model No.and dimension

No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Pin welding	5XS.234.013	1	10	Gasket 6	GB93-87	5
2	Spring	8XS.282.021	1	11	Gasket 6	GB97.1-85	7
3	Pin 3X20	GB879-86	2	12	Pin	8XS.200.015	1
4	Bearing bracket	8XS.043.020	1	13	Handle	5XS.253.010	1
5	Screw M5X12	GB70-85	1	14	Base plate	8XS.156.011	1
6	End cap	8XS.017.010	1	15	Base plate	8XS.161.055	1
7	Support assembly	5XS.043.021	1	16	Pin	8XS.993.051	2
8	Tongued plate	8XS.060.012	1	17	Screw M6X20	GB5783-85	2
9	Screw M6X20	GB70-85	3	18	Nut M6	GB6170-86	2

Earthing switch operating mechanism interlocking device

◆ Interlocking device 5XS.239.010.1 Assembly dimensions(For 2nd generation switchgear)

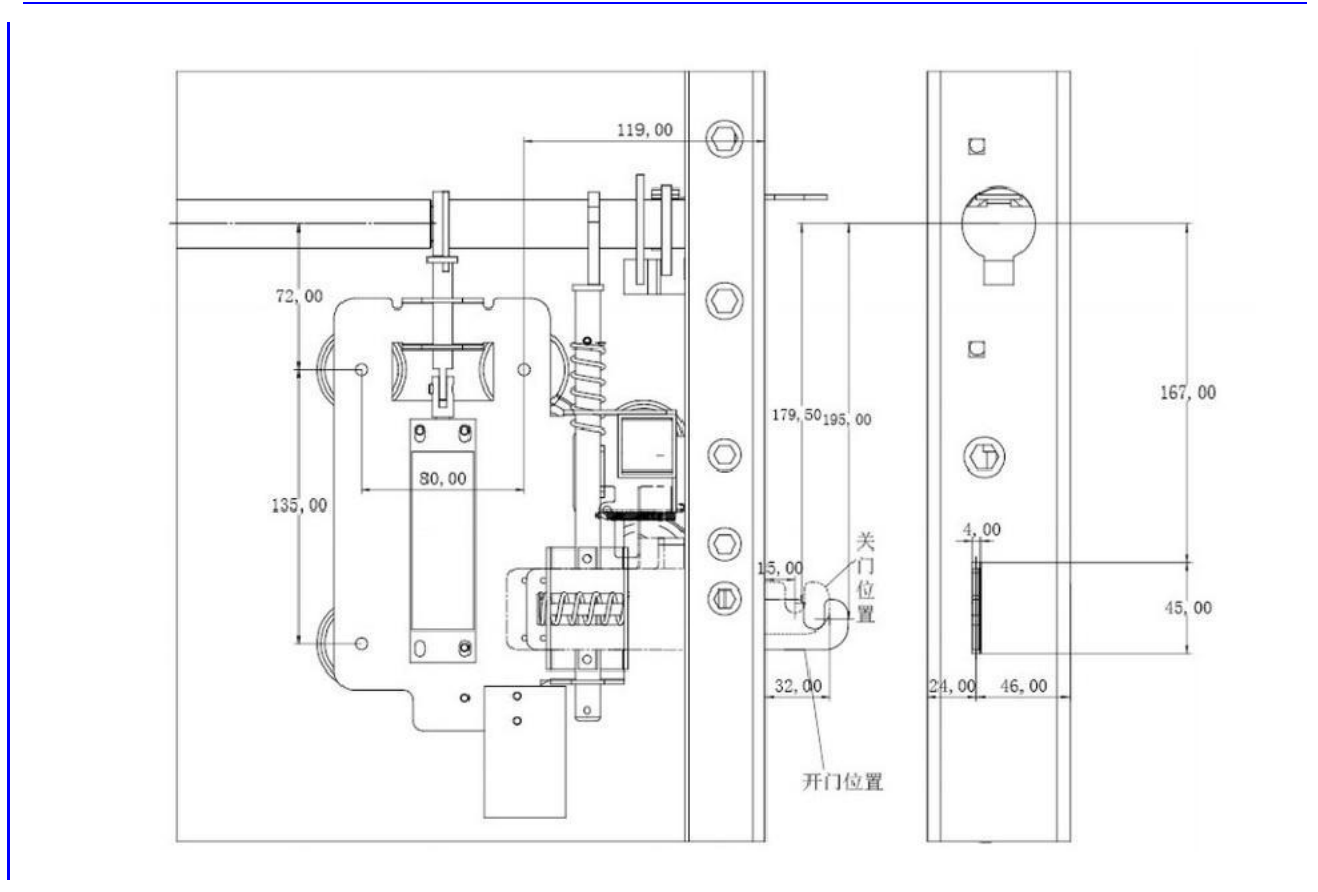


◆ Interlocking device 5XS.239.010.1 Model No.and dimensions(For 2nd generation switchgear)

No.	Description	说明	Quantity PCS/SET
1	Locking electromagnet		1
2	161058.1 Bending plate		1
3	lever		1
4	Lever piece		1
5	8ZY-993-158		1
6	8SZY-161-126		1
7	Auxiliary switch		1
8	8ZY-993-157 Lock pin		1
9	8SZY-161-067		1
10	8SZY-161-129		1
11	8SZY-161-30		1
12	Lever piece 2		1
13	8SZY-110-112Spring		1

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◆ Interlocking device5XS.239.010.2 Assembly dimensions(For 2nd generation switchgear)

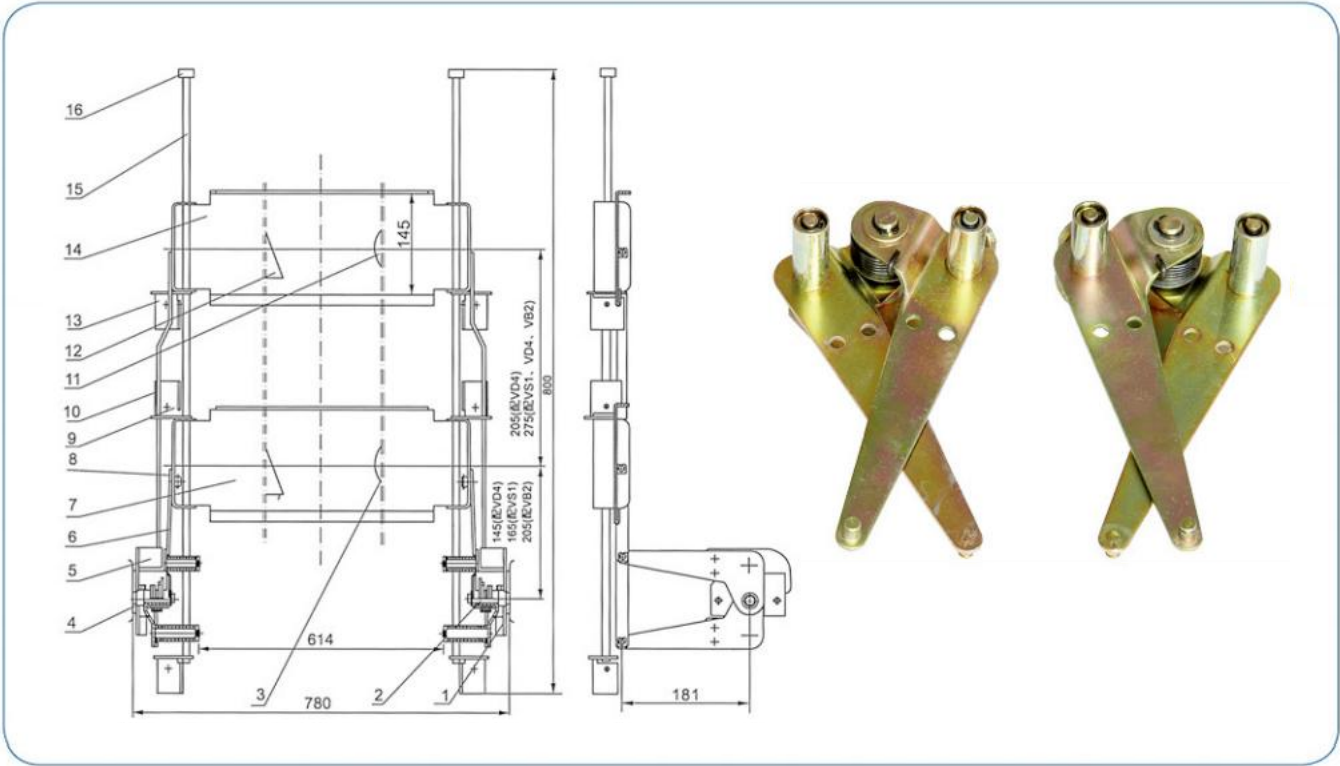


◆ Interlocking device 5XS.239.010.2 Model No.and dimensions(For 2nd generation switchgear)

No.	Description	说明	Quantity PCS/SET
1	Interlocking device		1
2	Auxiliary switch		2
3	8ZY-993-157 Lock pin		2
4	Lever piece		2
5	Locking electromagnet		1
6	8SZY-161-067		1
7	8SZY-161-127		1
8	Lever piece 2		1
9	8SZY-225-005 Pin		2
10	ISO 1234-1.2*20-C		1
11	8SZY-110-112 Spring		1

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◆ (800mm Centrally Installed Switchgear)Shutter mechanism 5XS.320.010
Assembly dimensions

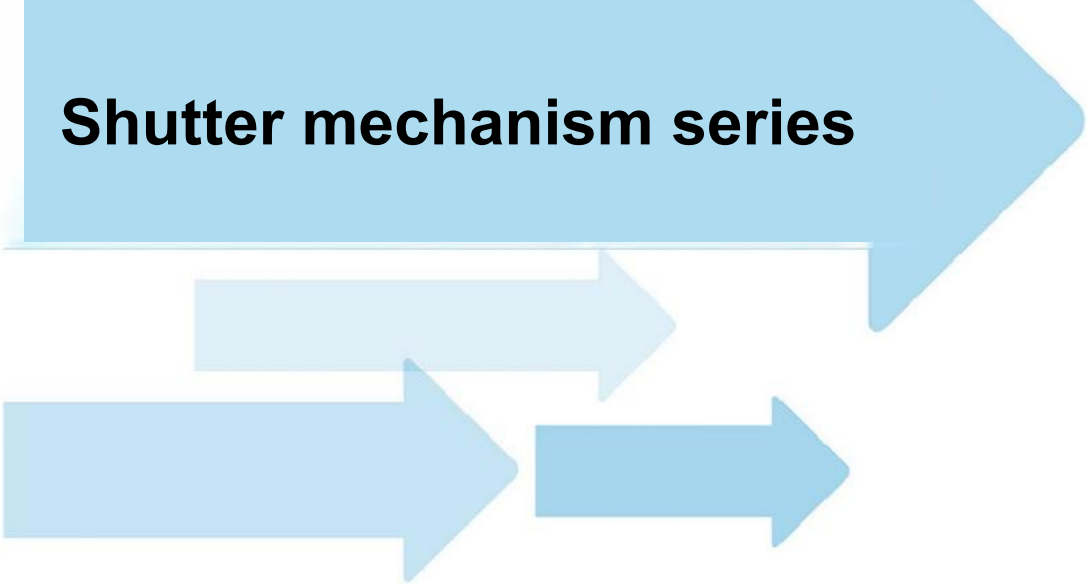


◆ (800mm Centrally Installed Switchgear)Shutter mechanism 5XS.320.010
Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Right bearing bracket	8XS.123.011	1	10	long connecting plate weld	5XS.174.051.1(ForVD4, 40kA)	2
2	Right connecting plate	5XS.253.011	1			5XS.174.051.2 (ForVD4.31.5kA)	
3	Indication label	8XS.866.014	1			5XS.174.051.3 (For VS1)	
4	Left connecting plate	5XS.253.010	1			5XS.174.051.4 (For VB2)	
5	Left bearing bracket	5XS.123.010	1	11	Indicating label	8XS.866.012	1
6	Short connecting plate weld	5XS.174.016.1 (For VD4)	2	12	Indicating label	8XS.866.013	2
		5XS.174.016.2 (For VS1)		13	Support plate	8XS.123.012	3
		5XS.174.016.3(For VB2)		14	Upper shutter	8XS.320.011	1
7	Lower shutter plate	8XS.320.010	1	15	Guide bar	8XS.234.011 (For VS1.VD4)	2
8	Block card	DK-8	8			8XS.234.011.1(For VB2)	
9	Support plate	8XS.123.013	3	16	Limiting sleeve	8XS.210.011	2

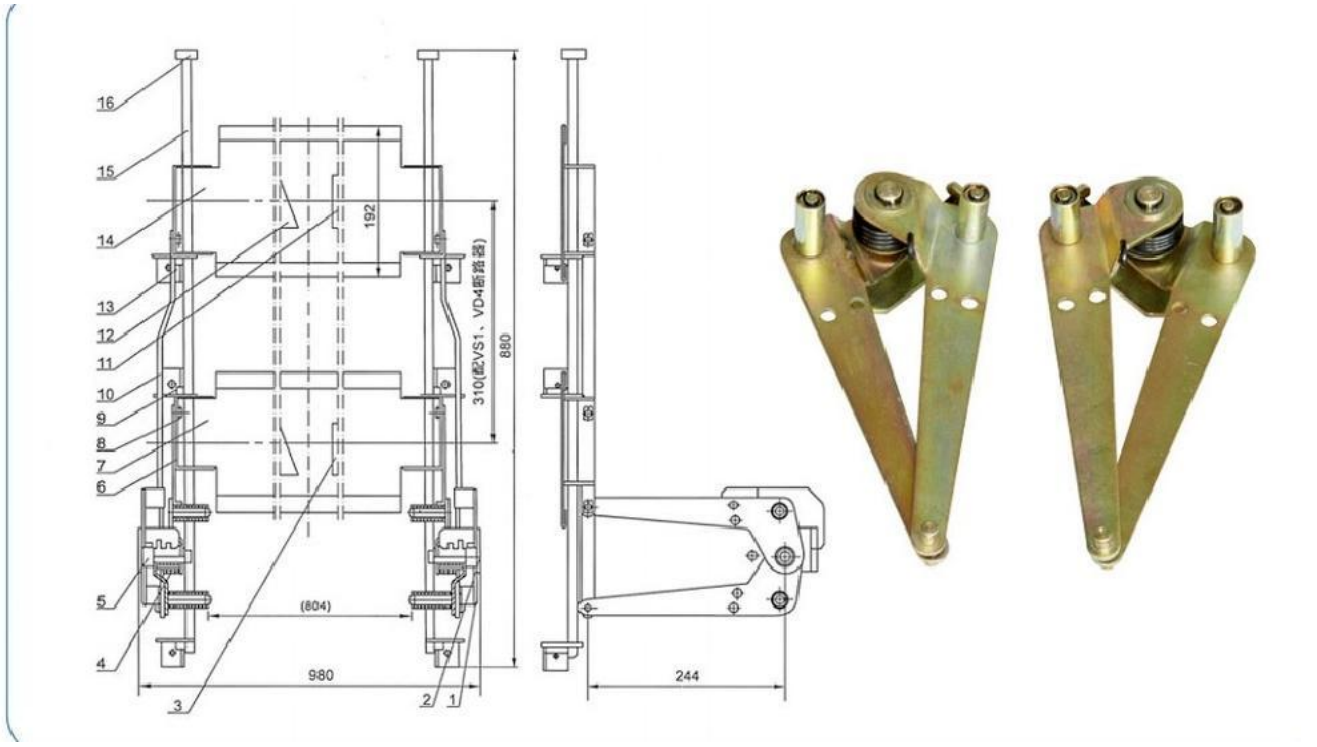
◆ Other shutter specifications

Model No.	5XS.320.010.1	5XS.320.010.2	5XS.320.010.3	5XS.320.010.4	5XS.320.010.5
Cabinet width	650MM	700MM	840MM	900MM	1000MM
Upper shutter	8XS.320.011.1	8XS.320.011.2	8XS.320.011.3	8XS.320.011.4	8XS.320.011.5
Lower shutter plate	8XS.320.010.1	8XS.320.010.2	8XS.320.010.3	8XS.320.010.4	8XS.320.010.5



Shutter mechanism series

◆(1000mm Centrally Installed Switchgear)Shutter mechanism 5XS.320.011
Assembly dimensions



◆(1000mm Centrally Installed Switchgear)Shutter mechanism 5XS.320.011
Model No.and dimensions

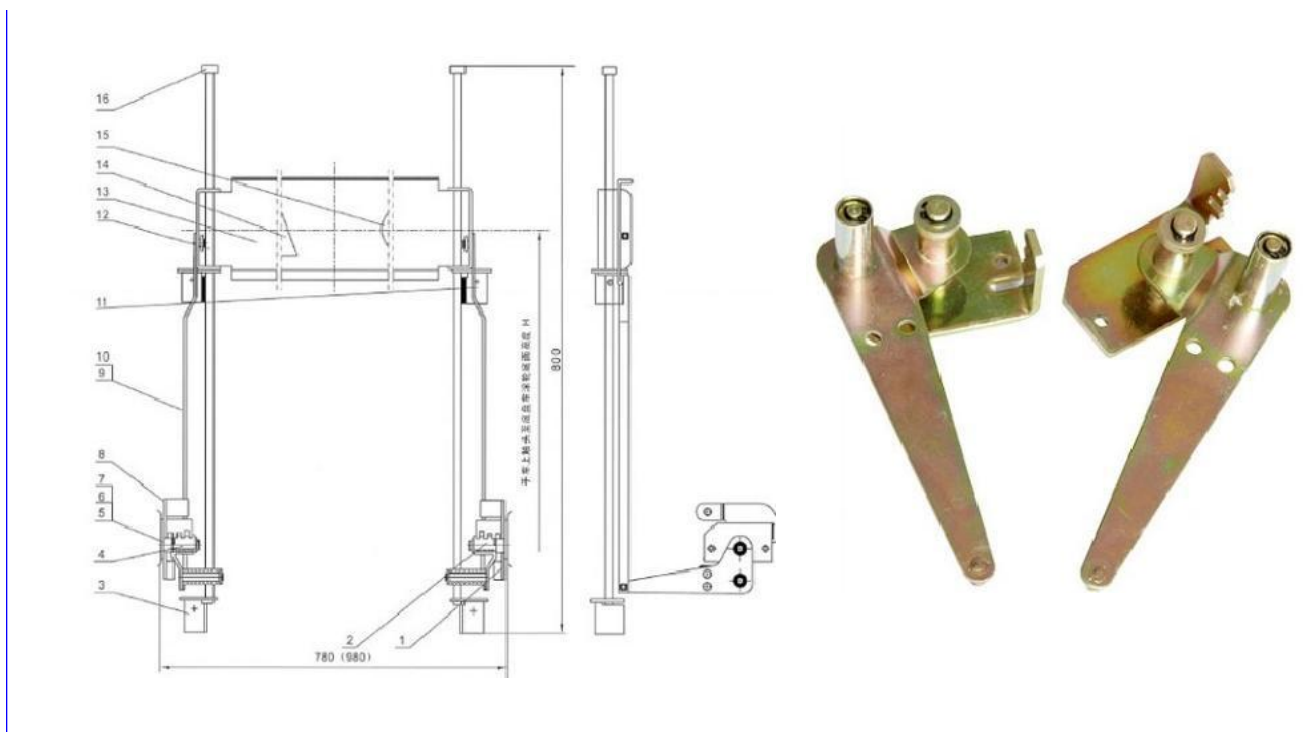
No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Bearing bracket	8XS.123.276	1	9	Support plate	8XS. 123. 278	3
2	Connecting plate on right	5XS.235.012	1	10	Long chains	5XS. 174. 282	2
3	Indicating label	8XS.866.014	1	11	Indicating label	8XS. 866. 012	1
4	Connecting plate on left	5XS.235.013	1	12	Indicating label	5XS. 866. 013	2
5	Left bearing bracket	8XS.123.275	1	13	Support plate	8XS. 123. 277	3
6	Short chains	5XS.174.281	2	14	Upper shutter	5XS. 320. 274	1
7	Lower shutter plate	8XS.320.273	1	15	Guide bar	8XS. 234. 272	2
8	Block card	DK-10	8	16	Limiting sleeve	8XS. 210. 011	2

◆Other shutter specifications

Model No.	5XS.320.011.1	5XS.320.011/JY	5XS.320.011.2	5XS.320.011.3
Cabinet width	800MM	1000MM	1100MM	1200MM
Upper shutter	8XS.320.274.1	8XS.320.275	8XS.320.274.2	8XS.320.274.3
Lower shutter plate	8XS.320.273.1	8XS.320.275	8XS.320.273.2	8XS.320.273.3

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◆(800mm/1000mm Centrally Installed Switchgear)Shutter mechanism
5XS.320.012/5XS.320.012.1 Assembly dimensions



◆(800mm/1000mm Centrally Installed Switchgear)Shutter mechanism
5XS.320.012/5XS.320.012.1 Model No.and dimensions

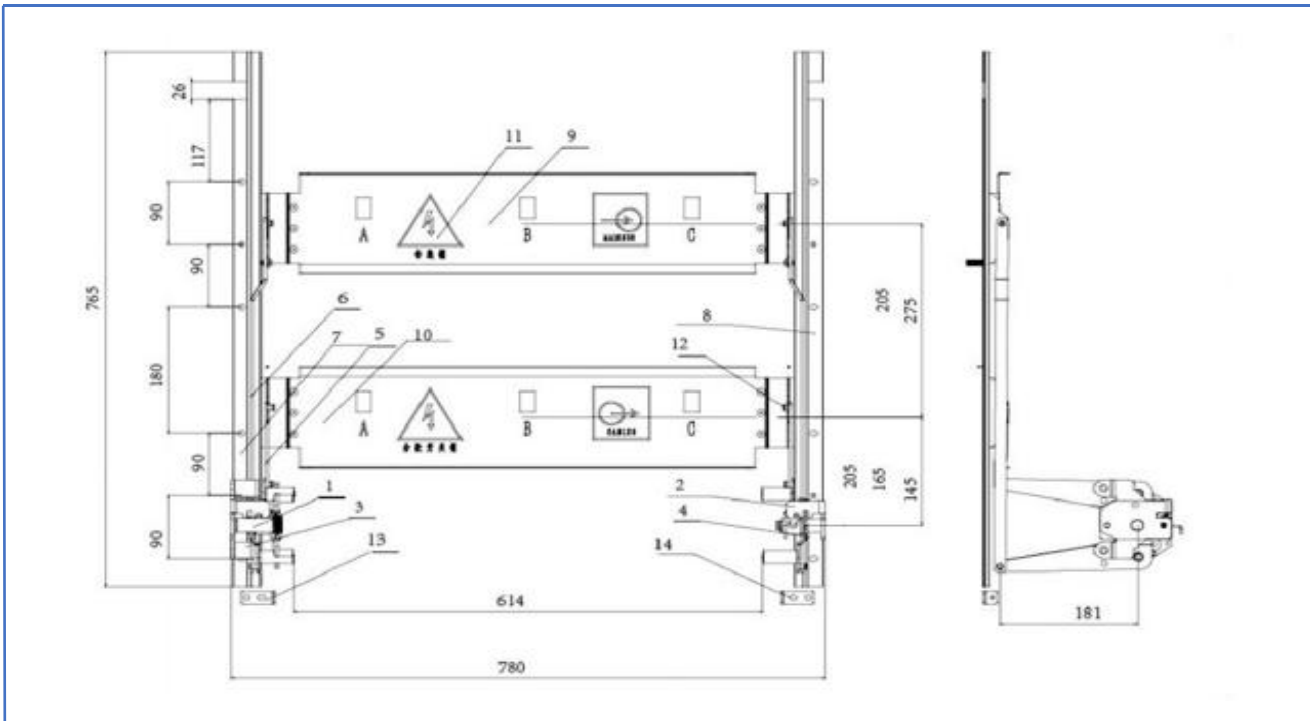
No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Bearing bracket	8XS.123.011	1	10	Long chains	5XS.174.015.1 (H=535, VD4.40kA)	2
2	Lower connecting plate assembly (right)	5XS.174.004	1			5XS.174.015.2 (H=465, VL4.31.5KA)	
3	Support plate	8XS.123.012	2			5XS.174.015.3 (H=555, VS1)	
4	Lower connecting plate assembly (left)	5XS.174.003	1	11	Support plate	8XS.123.013	1
5	Gasket6	GB97.1-85	14	12	Guide bar	8XS.234.011	2
6	Gasket6	GB93-87	8	13	Upper shutter	8XS.320.011 (80MM)	1
7	Bolt M6×12	GB5783-86	8			8XS.320.011 (1000MM)	
8	Left bearing bracket	8XS.123.010	1	14	Indicating label	8XS.866.012	1
9	Block card	DK-8	4	15	Indicating label	8XS.866.012	1
				16	Limiting sleeve	8XS.210.011	2

◆ Order Instruction

- 1.Pushing plate of 24KV shutter mechanism hole size is 126mm, please specify if need in 91mm
- 2.Shutter plate in SMC insulationplate
- 3.Any special inquiry please contact us at any time

Shutter mechanism series

◆ (800mm Centrally Installed Switchgear) Upper Shutter mechanism 5XS.320.013
Assembly dimensions(2nd generation switchgear)



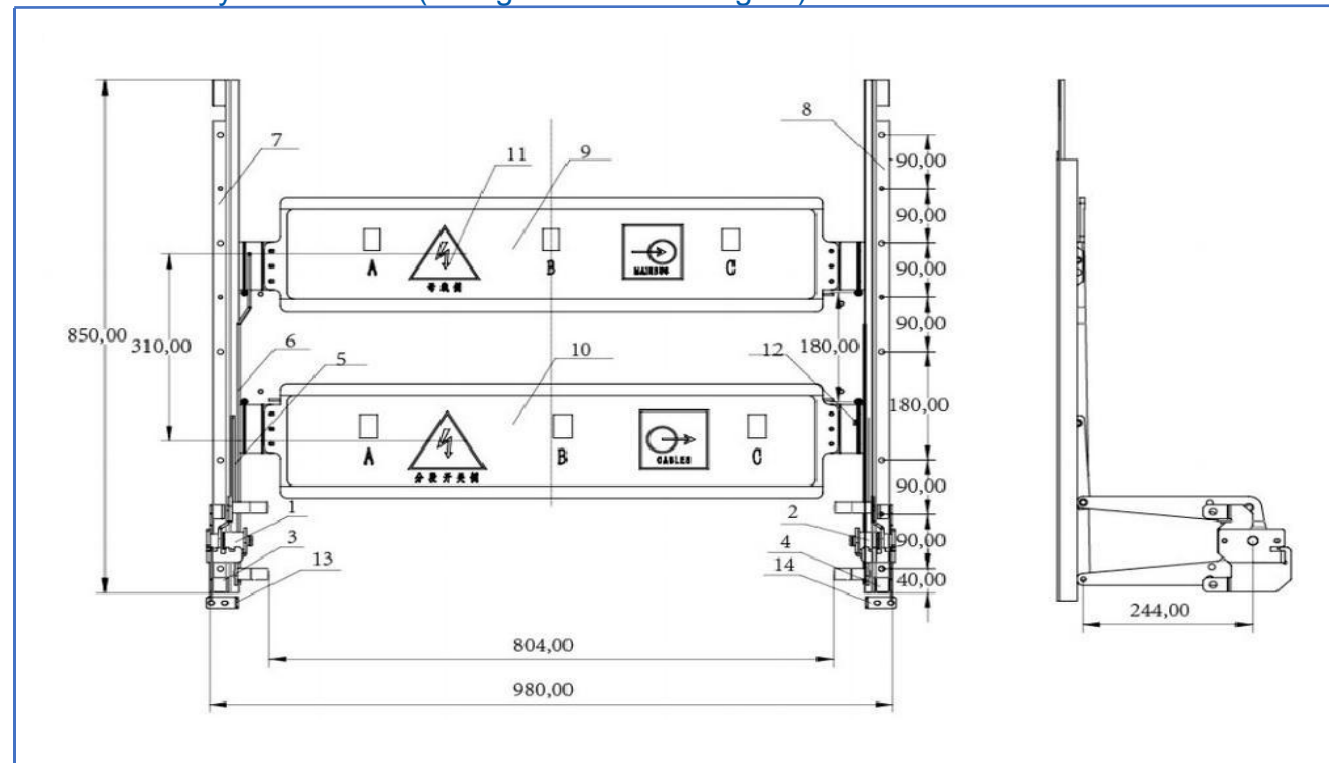
◆ (800mm Centrally Installed Switchgear)Upper Shutter mechanism 5XS.320.013
Model No.and dimensions(2nd generation switchgear)



No.	Description	Model No.	Quantity PCS/SET
1	Connecting plate on right	5XS.235.011	1
2	Connecting plate on left	5XS.235.010	1
3	Bearing bracket	8XS.123.011	1
4	Left bearing bracket	8XS.123.010	1
5	Long chains	5XS.174.016.1(VD4)	2
		5XS.174.016.1(VS1)	2
		5XS.174.016.1(VB2)	2
6	Long chains	5XS.174.015.1(VD4.40KA)	2
		5XS.174.015.2(VD4.31.5KA)	2
		5XS.174.015.3(VS1)	2
		5XS.174.015.4(VB2)	2
7	Right aluminum guide	8XS.320.026	1
8	Left aluminum guide	8XS.320.026.1	1
9	Upper shutter	8XS.320.011	1
10	Lower shutter plate	8XS.320.010	1
11	Indicating label	8XS.866.014	1
12	Block card 8		8
13	Right bearing bracket	8XS.320.040	1
14	Left bearing bracket	8XS.320.040.1	

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◆ (1000mm Centrally Installed Switchgear)Upper Shutter mechanism 5XS.320.014
Assembly dimensions(2nd generation switchgear)



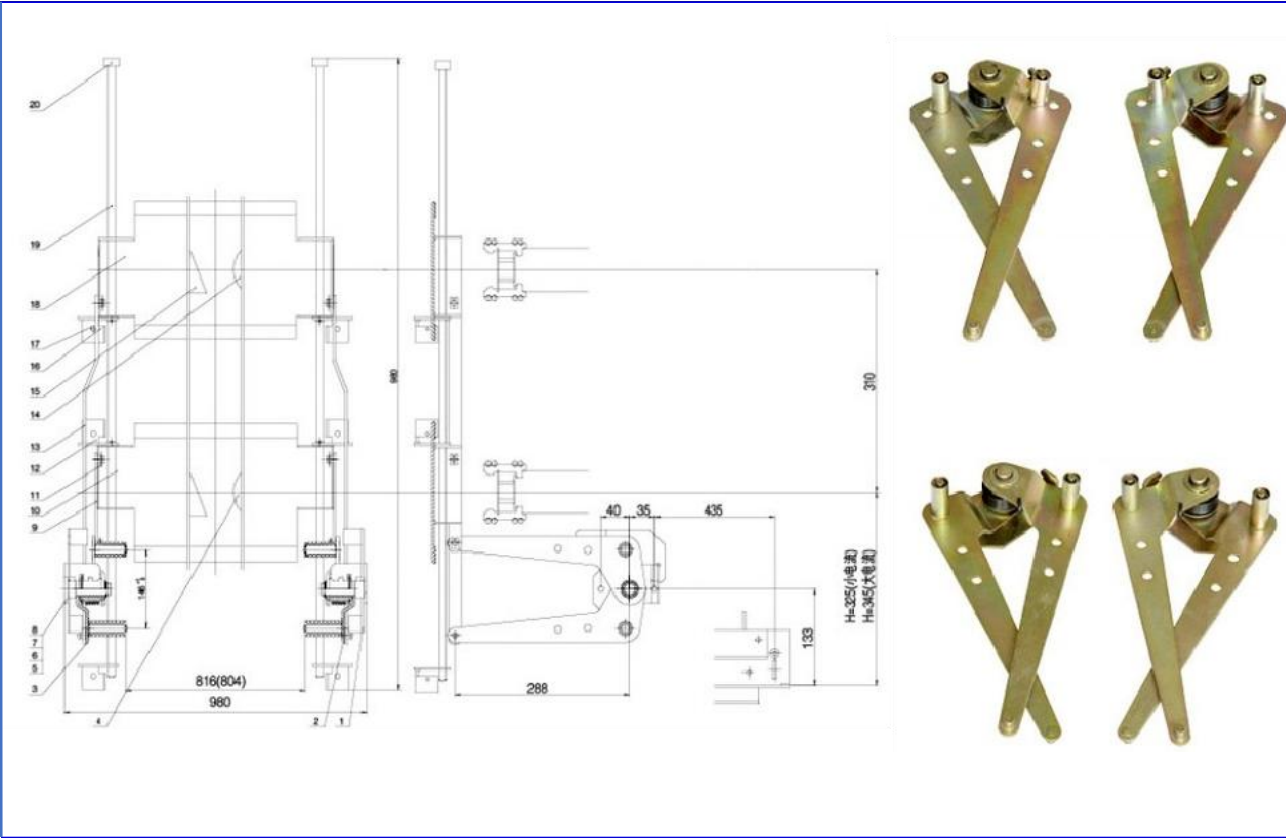
◆ (1000mm Centrally Installed Switchgear)Upper Shutter mechanism 5XS.320.014
Model No.and dimensions(2nd generation switchgear)



No.	Description	Model No.	Quantity PCS/SET
1	Connecting plate on right	5XS.235.012	1
2	Connecting plate on left	5XS.235.013	1
3	Bearing bracket	8XS.123.276	1
4	Left bearing bracket	8XS.123.275	1
5	Long chains	5XS.174.281	2
6	Long chains	5XS.174.282	2
7	Right aluminum guide	8XS.320.026	1
8	Left aluminum guide	8XS.320.026.1	1
9	Upper shutter	8XS.320.274	1
10	Lower shutter plate	8XS.320.273	1
11	Indicating label	8XS.866.014	1
12	Block card 10		8
13	Right bearing bracket	8XS.320.040	1
14	Left bearing bracket	8XS.320.040.1	1

Shutter mechanism series

◆ (1000mm Centrally Installed Switchgear)Shutter mechanism 5XS.320.011-24
Assembly dimensions

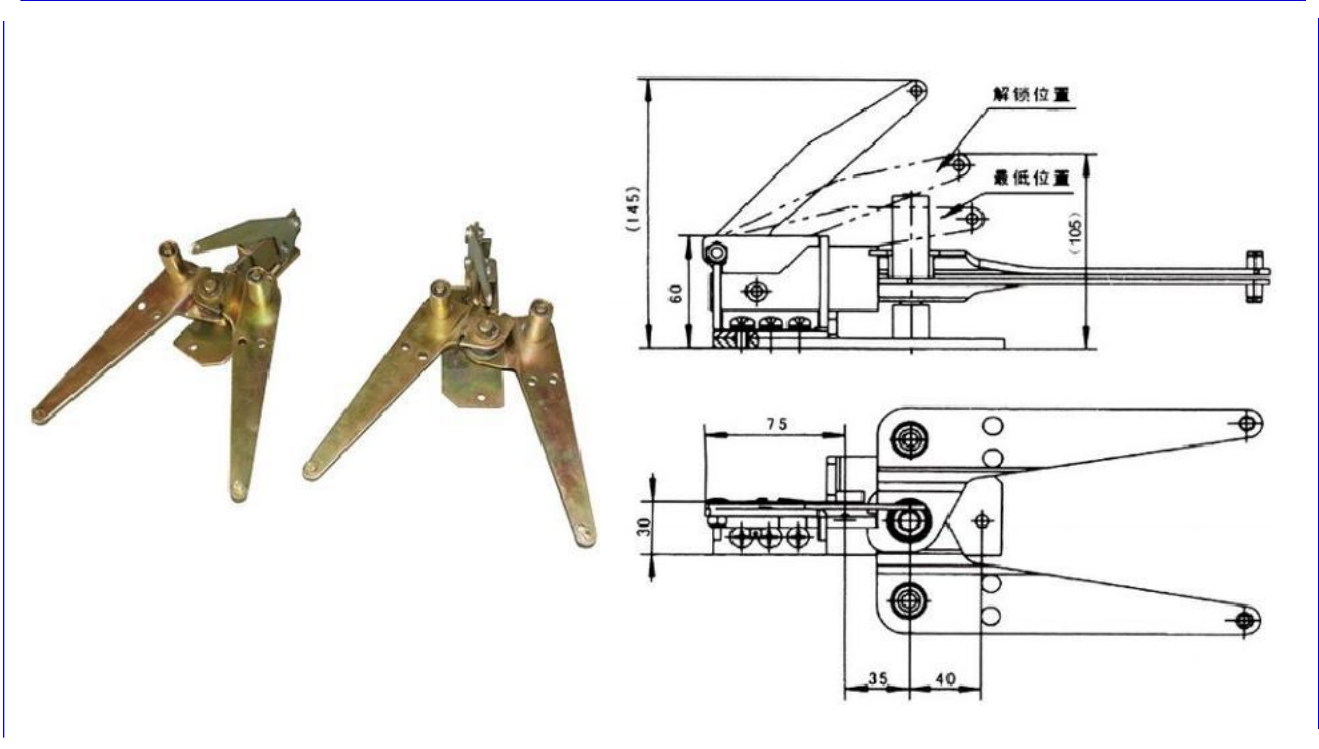


◆ (1000mm Centrally Installed Switchgear)Shutter mechanism 5XS.320.011-24
Model No.and dimensions

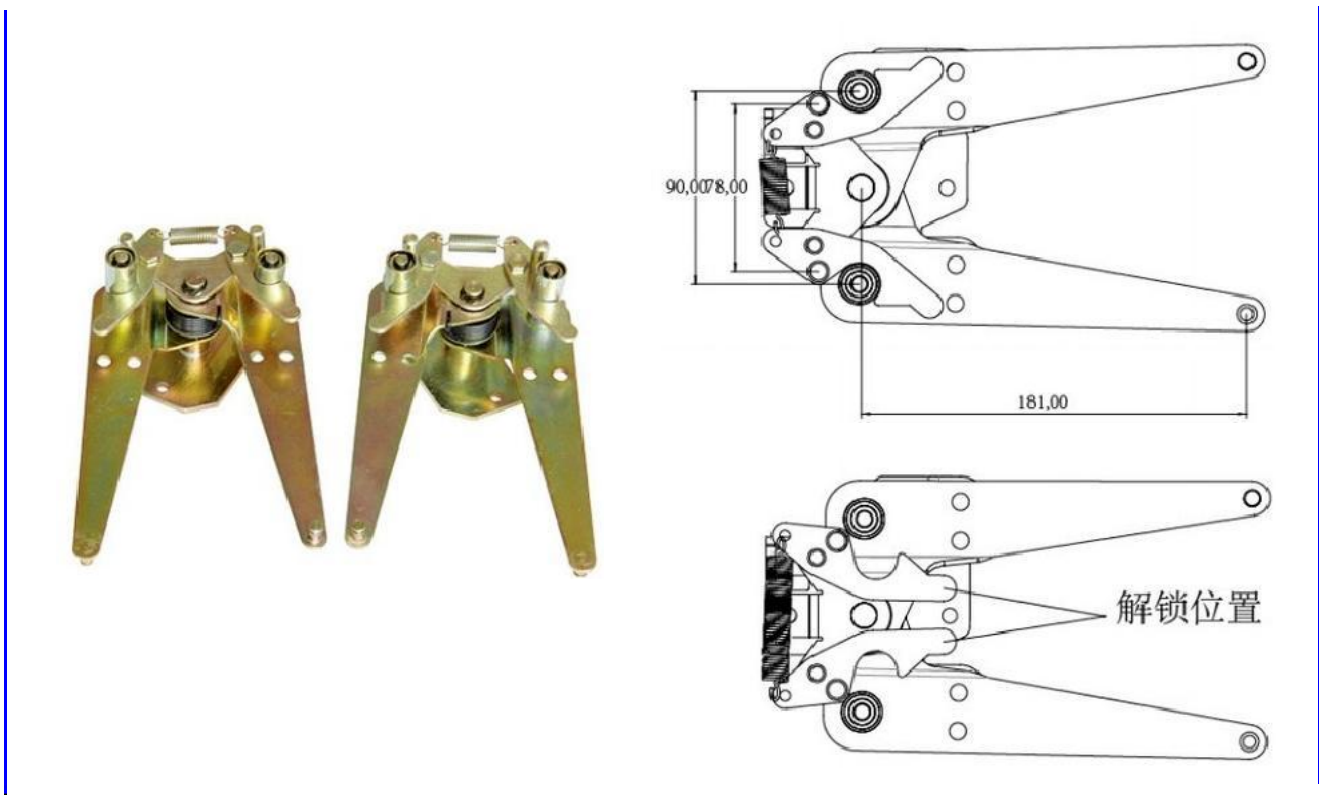
No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Bearing bracket	8XS.123.276	1	11	lock card	DK-10	8
2	Connecting plate on right	8XSR.088.061	1	12	Support plate	8XS.123.278	3
3	Indicating label	8XSR.0880.66	1	13	Plate welding	8XS.088.071	2
4	Connecting plate on left	8XS.866.014	1	14	Indicating label	8XS.866.012	1
5	Gasket 6	GB97.1-85	16	15	Indicating label	8XS.866.013	2
6	Gasket	GB93-87	10	16	8XS.123.277	8XS.123.277	3
7	Bolt M6*12	GB5783-86	10	17	Nut M6	GB6170-86	6
8	Left bearing bracket	8XS.123.275	1	18	Upper shutter	8XS.320.274 8XS.320.274.2	1
9	Plate welding	8XS.088.072	2	19	Guide bar	8SZY.008.073	2
10	Lower shutter plate	8XS.320.273 8XS.320.273.2	1	20	Limiting sleeve	8XS.210.011	2

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◆ Self-locking device for shutter mechanism 5XS.320.010/ZSAssembly dimensions

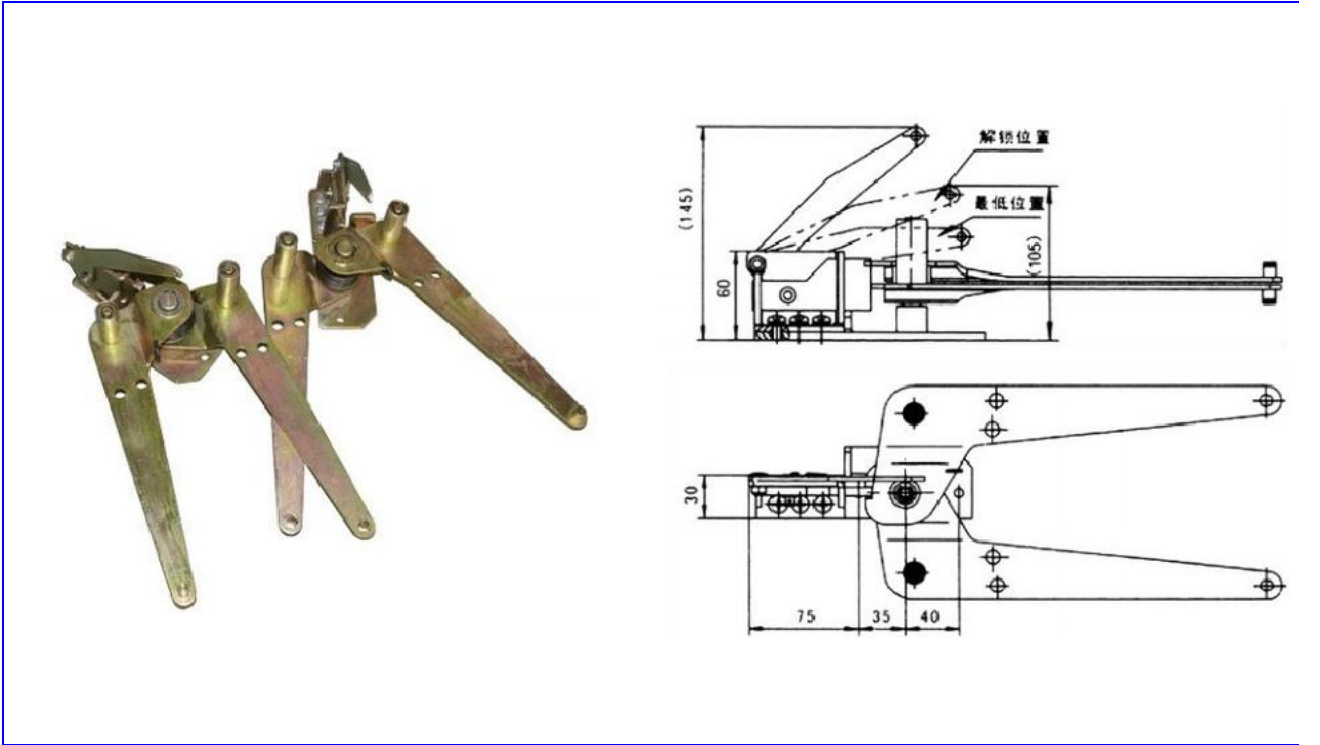


◆ Self-locking device for shutter mechanism 5XS.320.010.1/ZS Assembly dimensions
(2nd generation switchgear)

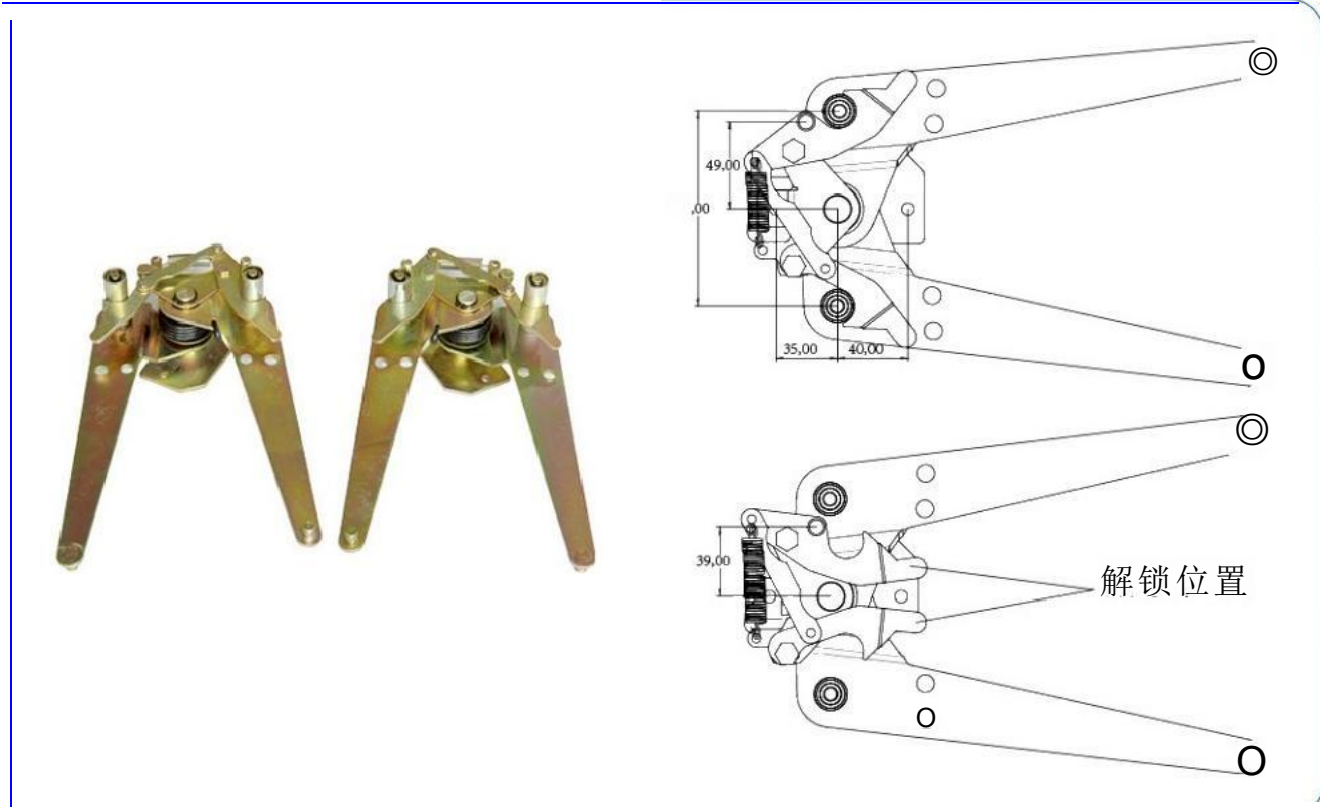


Shutter mechanism series

◆ Self-locking device for shutter mechanism 5XS.320.011/ZS Assembly dimensions

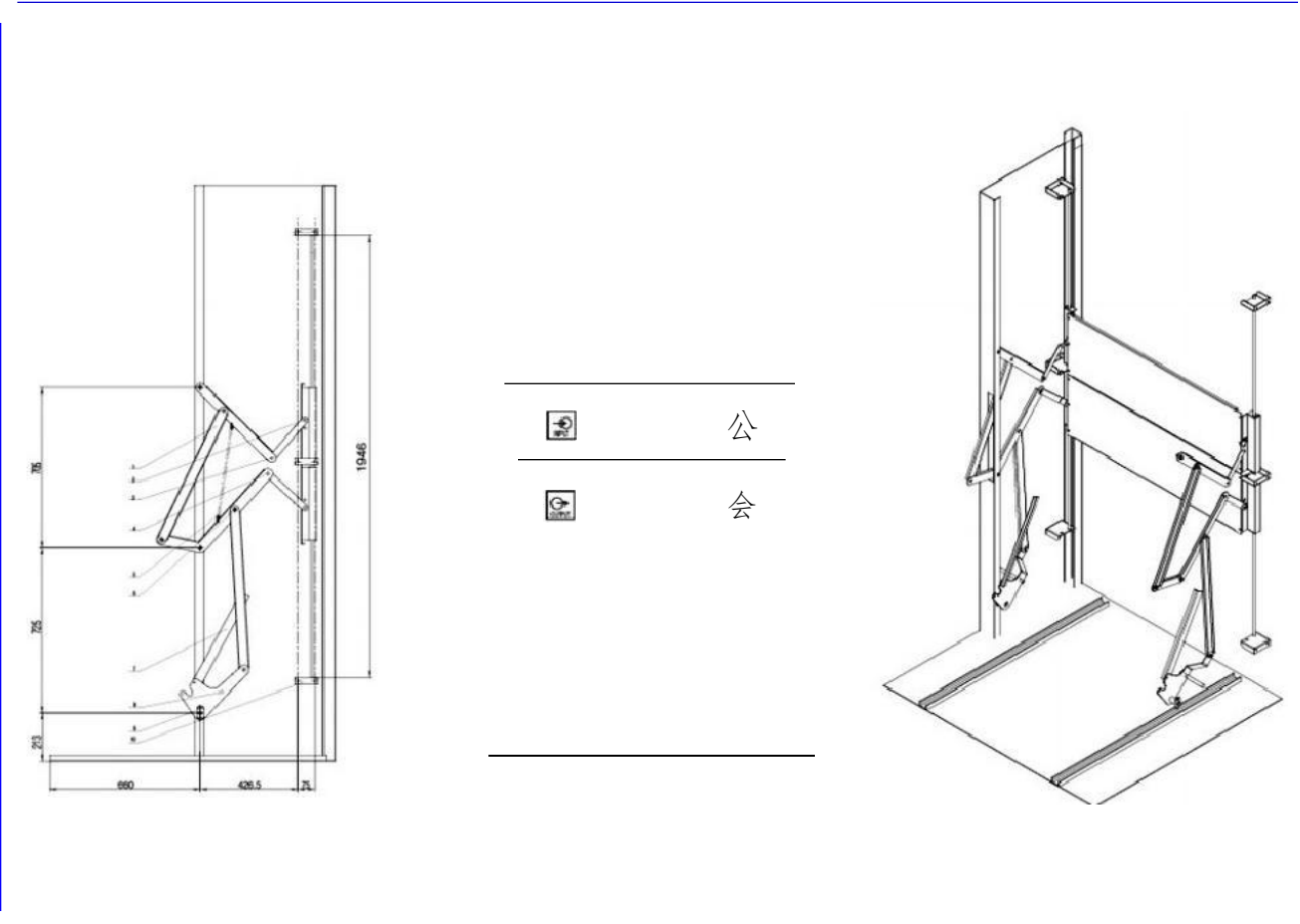


◆ Self-locking device for shutter mechanism5XS.320.011.1/ZS Assembly dimensions (2nd generation switchgear)



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◆ 35KV Shutter mechanism(Connecting rod)11SZY.03.240 Assembly dimensions



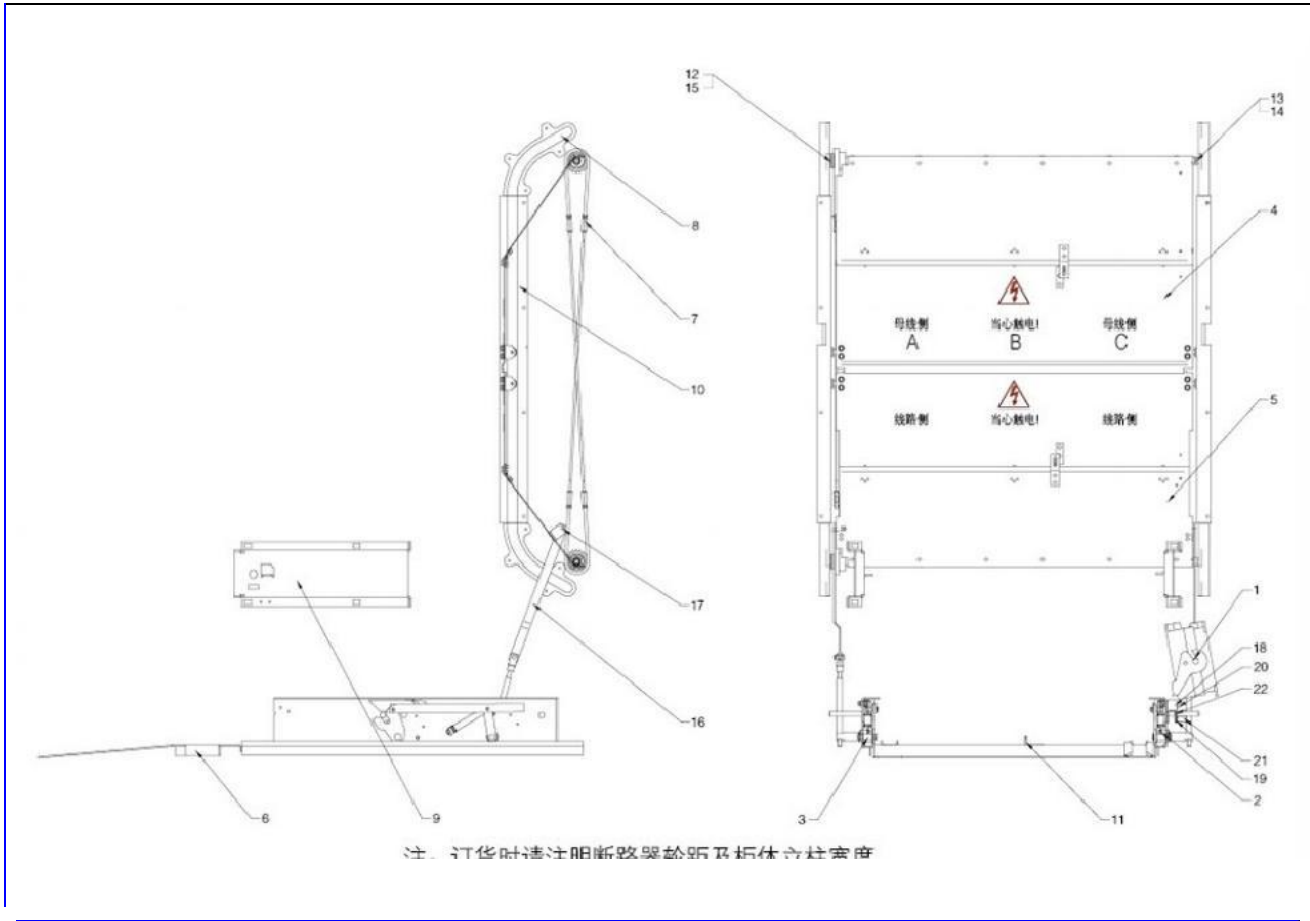
◆ 35KV Shutter mechanism(Connecting rod)11SZY.03.240 Model No.and dimensions

No.	Description	Model No.	Quantity PCS/SET
1	Upper connecting rod welding	5SZY. 1407. 1608	2
2	Chains	8SZY. 1407. 1615/28	4
3	Upper shutter welding	5SZY. 1407. 1603/4	2
4	Lower shutter welding	5SZY. 1407. 1605/6	2
5	Large tension spring	8SZY. 1407. 1618	2
6	Lower connecting rod welding	5SZY. 1407. 1607	2
7	Connecting rod welding	5SZY. 1407. 1601/2	2
8	Shaft base	8SZY. 1407. 0915	2
9	lever	8SZY. 1407. 1609	2
10	Support plate	8SZY. 1407. 1619	6
11	Upper shutter	5SZY. 1407. 1626	1
12	Lower shutter plate	5SZY. 1407. 1627	1

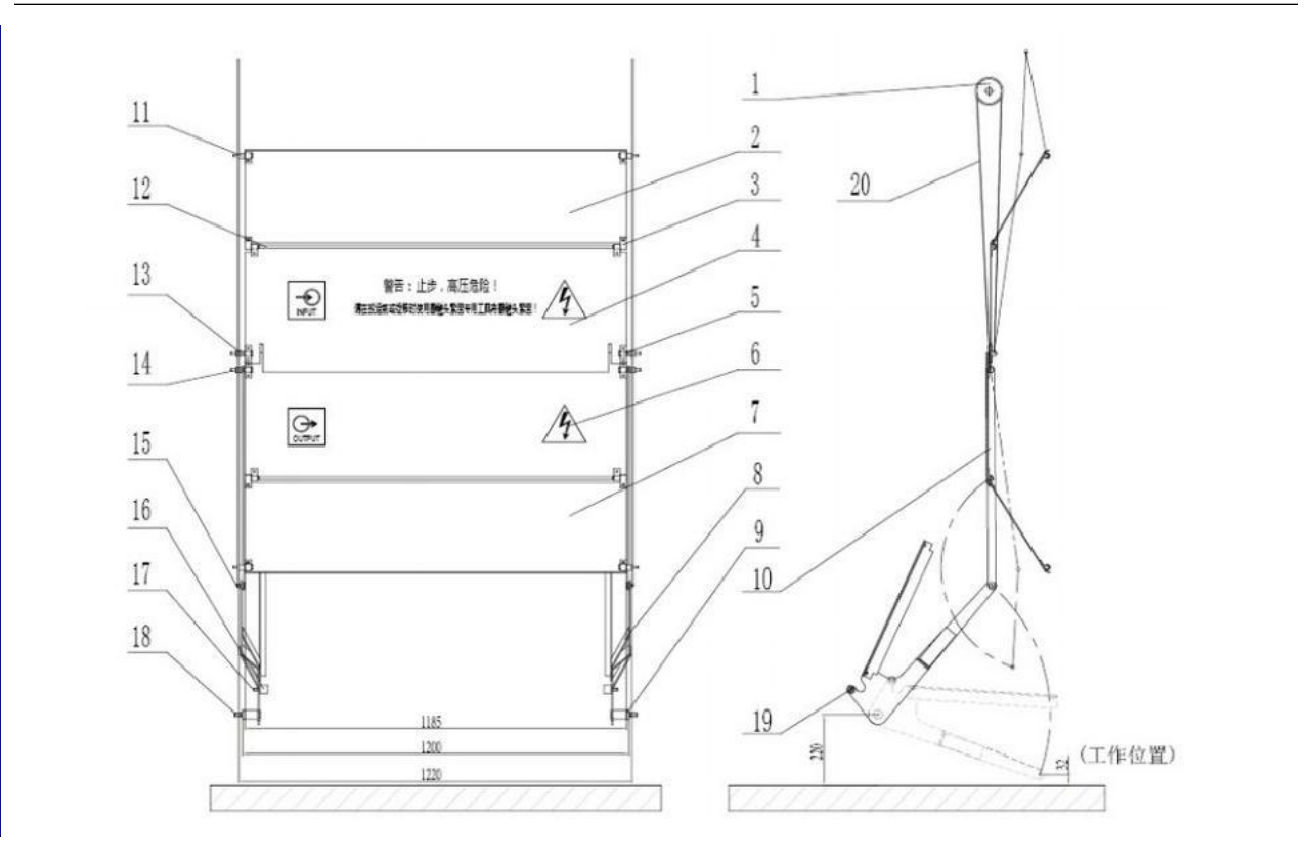
Shutter mechanism series

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◆KYN61C Shutter mechanism Assembly dimensions



◆KYN61 Shutter mechanism(钢丝绳式)Assembly dimensions

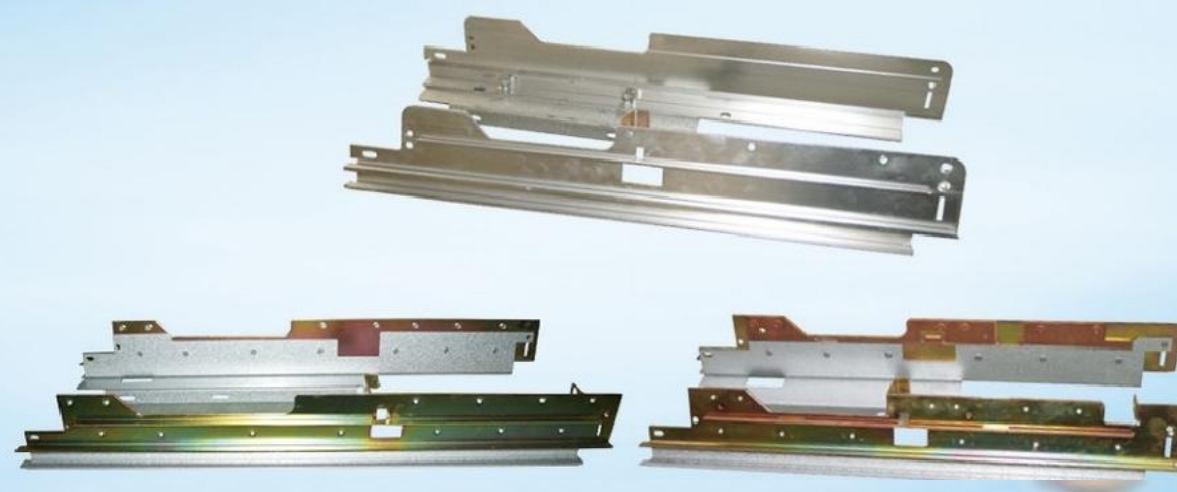


◆KYN61C Shutter mechanism Model No.and dimensions

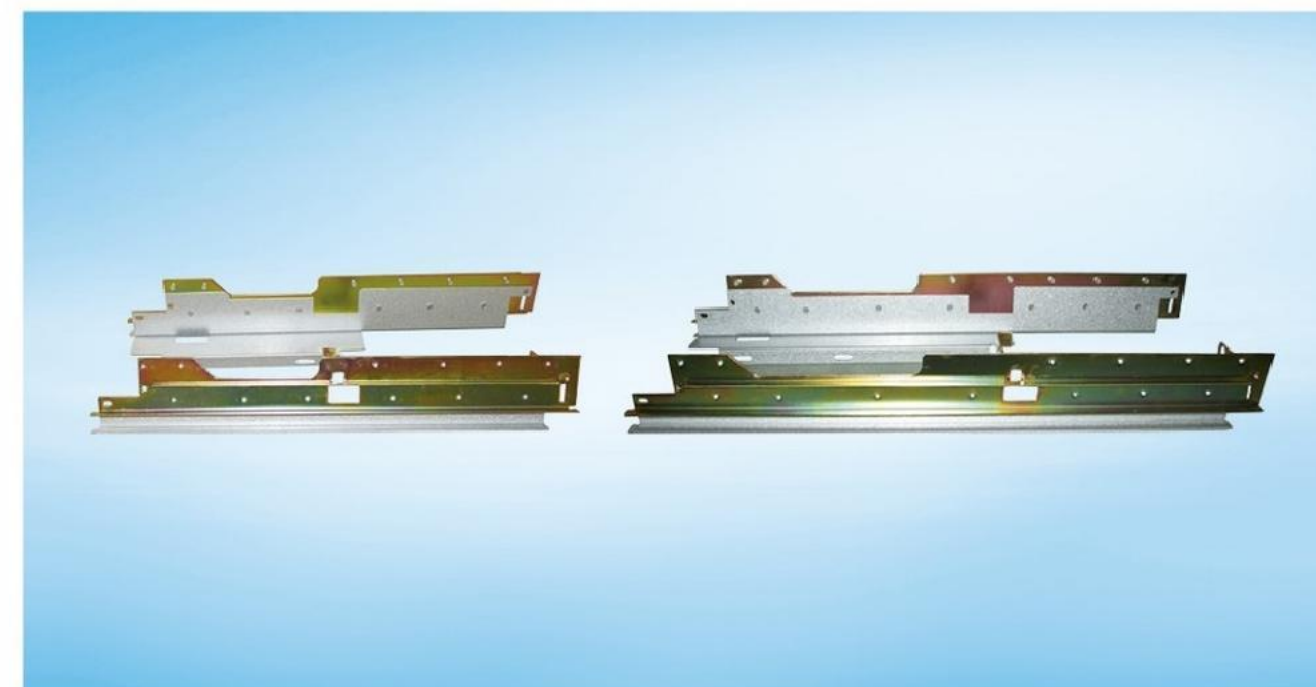
No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	VD4 Secondary socket	Cz58	1	12	Shaft sleeve	SZY-055-44179	2
2	Guide rail assembly	SZY-050-34202	1	13	Copper sleeve	SZY-055 -44180	2
3	Guide rail assembly	SZY-050-34202DC	1	14	Pin	SZY-055-44181	2
4	Upper shutter plate	SZY-050-34210	1	15	Pin	5ZY-055-44182	2
5	Lower shuttter plate	SZY-050-34211	1	16	lever	SZY-055-44183	2
6	Rail welding	SZY-050-34230	1	17	Pin	SZY-055-44184	2
7	Chain assembly	SZY-050-34230	1	18	Lock plate	5ZY-055-44185	1
8	Guide groove	SZY-055-34102	4	19	lever	SZY-055-44186	1
9	locator	SZY-055-34103	2	20	Sleeve	SZY-055-44187	1
10	Guide groove	SZY-055-34110	1	21	Sleeve	SZY-055-44188	1
11	Earthing busbar	SZY-055-44153	1	22	Gasket	SZY-055-44189	2

◆ KYN61 Shutter mechanism(钢丝绳式) Model No.and dimensions

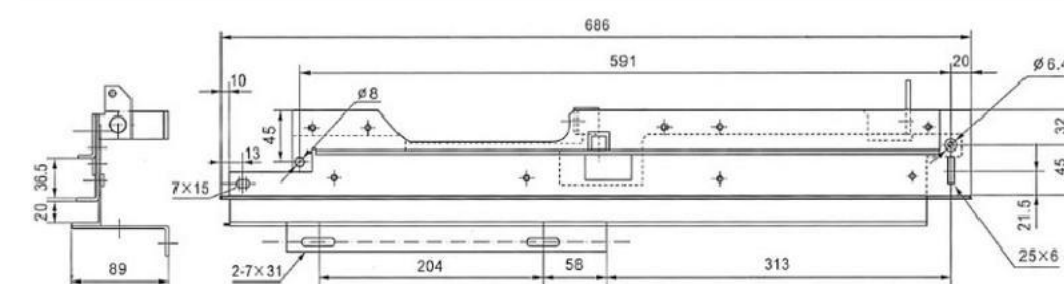
No.	Description	Model No.	Quantity PCS/SET	No.	Description	Model No.	Quantity PCS/SET
1	Roller	8SZY.1407.0922	2	11	Shutter bushing	8SZY.1407.0921	4
2	Upper shutter plate(一)	8SZY.1407.090	1	12	Shutter connecting shaft	8SZY.1407.0910	2
3	small shutter	8SZY.1407.0900	12	13	Roller	8SZY.1407.0912	4
4	Upper shutter plate(二)	8SZY.1407.0902	1	14	Shutter fixed shaft	8SZY1407001	4
5	large shutter	8SZY.1407.0914	4	15	Locating pins	8SZY.1407.1621	2
6	Lower shutter plate(一)	8SZY.1407.0903	1	16	Connecting rod accessories1	8SZY1407002	2
7	Lower shutter plate(二)	8SZY.1407.0904	1	17	Connecting rod accessories1	8SZY1407002	2
8	Large connecting rod welding	5SZY.1407.0902/3	Symmetrical 1 piece each	18	Large connecting shaft	8SZY.1407.0908	2
9	Shaft	8SZY.1407.0915	2	19	Nuut	M10	2
10	Small connecting rod	8SZY.1407.0916	2	20	φ2Wire Rope		2



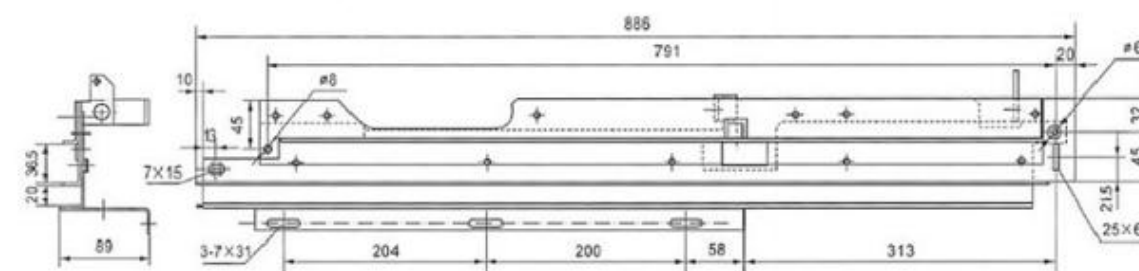
◆ Guide rail 5XS.260.010(Standard/Lengthen)



◆Guide rail 5XS.260.010/017(Standard) Assembly dimensions



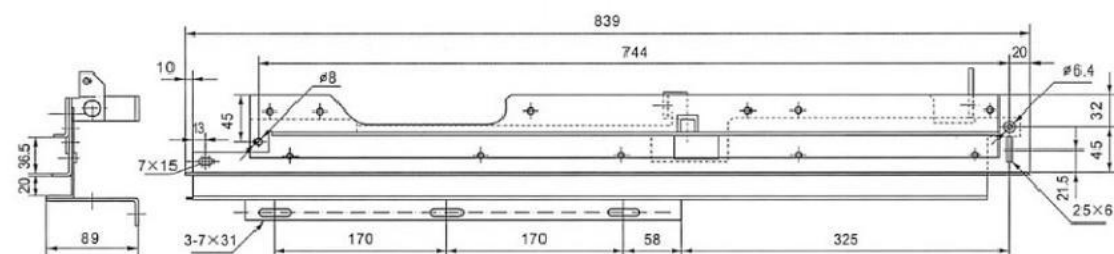
◆Guide rail 5XS.260.010/011.3(Lengthen 200mm,match with 3AH,ZN12.ZN28.ZN65 modified handcart circuit breaker)



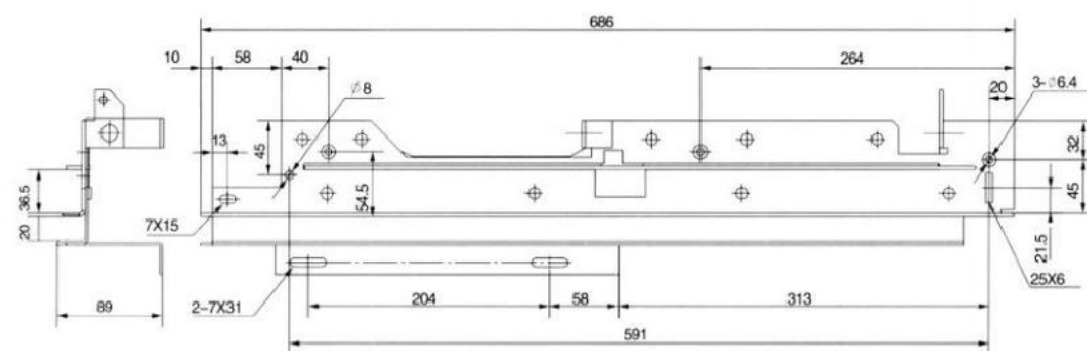
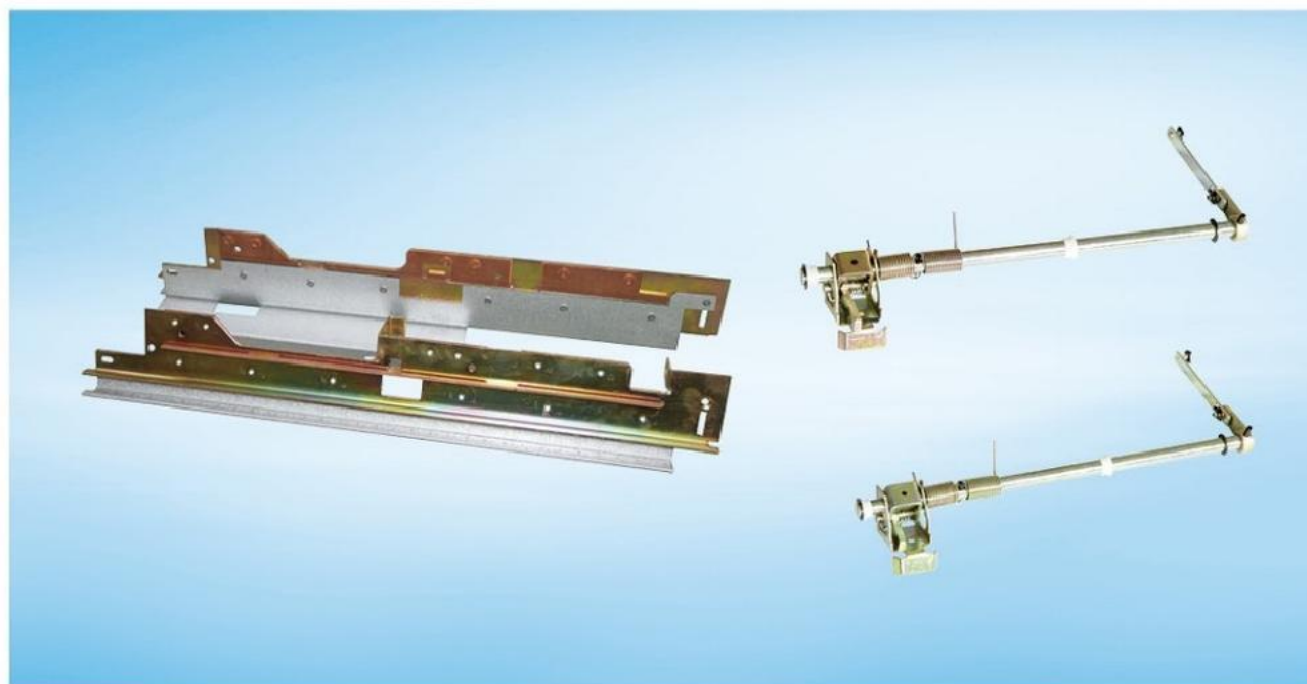
Series Left & right guide rail

◆Guide rail 5XS.260.010/011.10(Lengthen153MM、match withVB2)

Assembly dimensions



◆ match with Guide rail interlocking(copper quid rai)



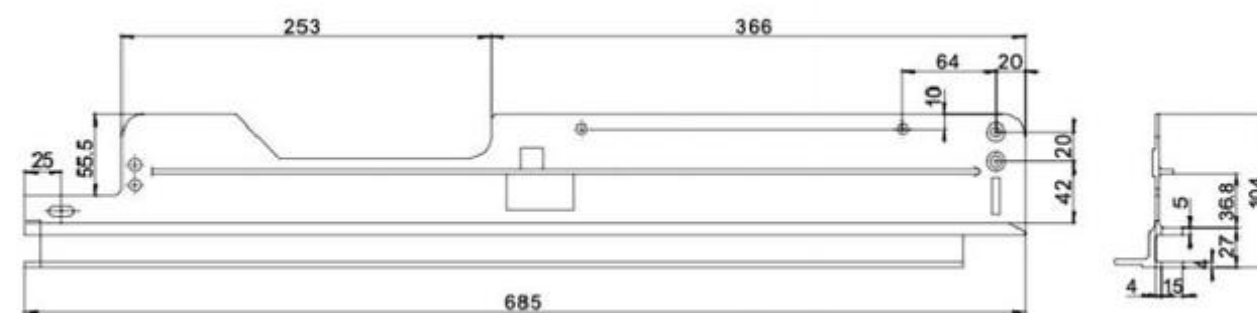
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◆ Aluminum left and right guide rail interlocking device



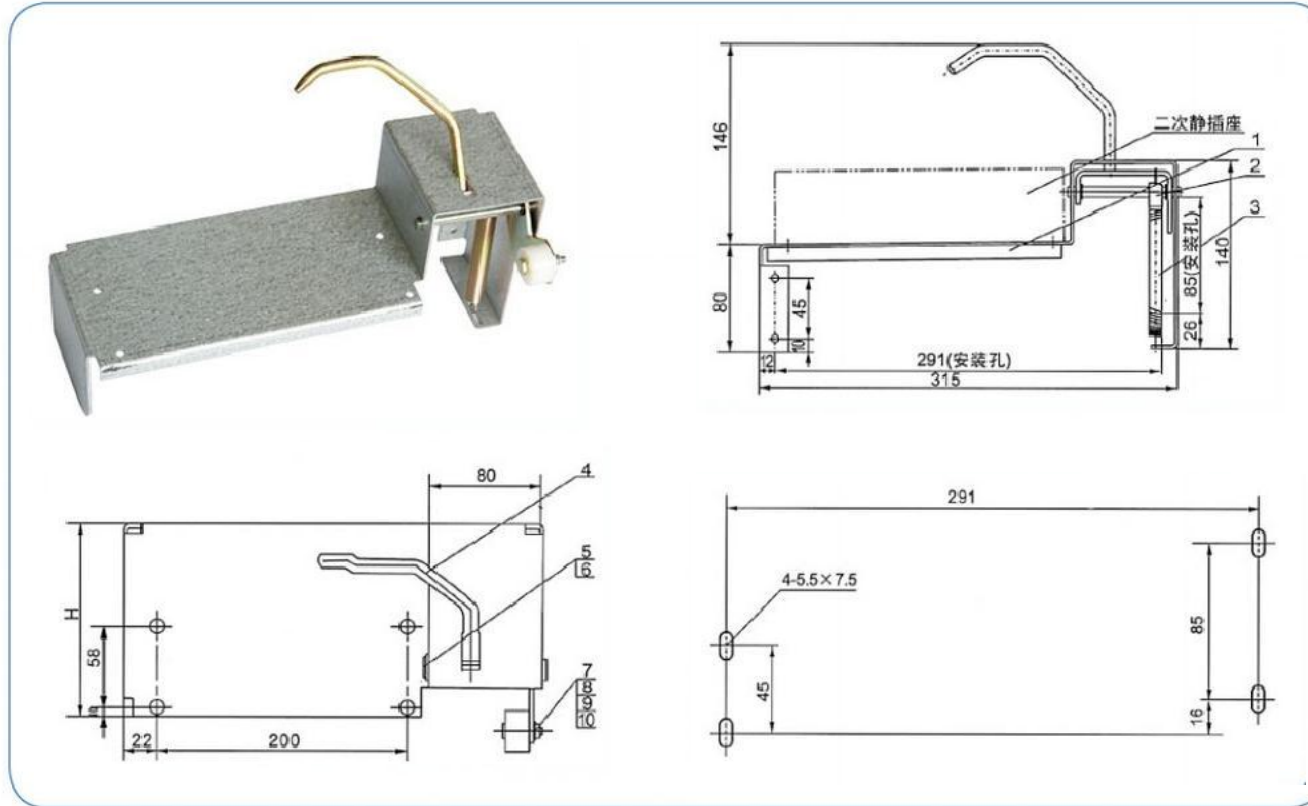
◆Aluminum left and right guide rail interlocking device

Assembly dimensions



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◆ Secondary socket interlocking mechanism 5XS.573.010
Assembly dimensions



◆ Secondary socket interlocking mechanism 5XS.573.010 Model No.and dimensions

◆ Secondary socket interlocking mechanism support 8XS.043.017.1-4 selection list

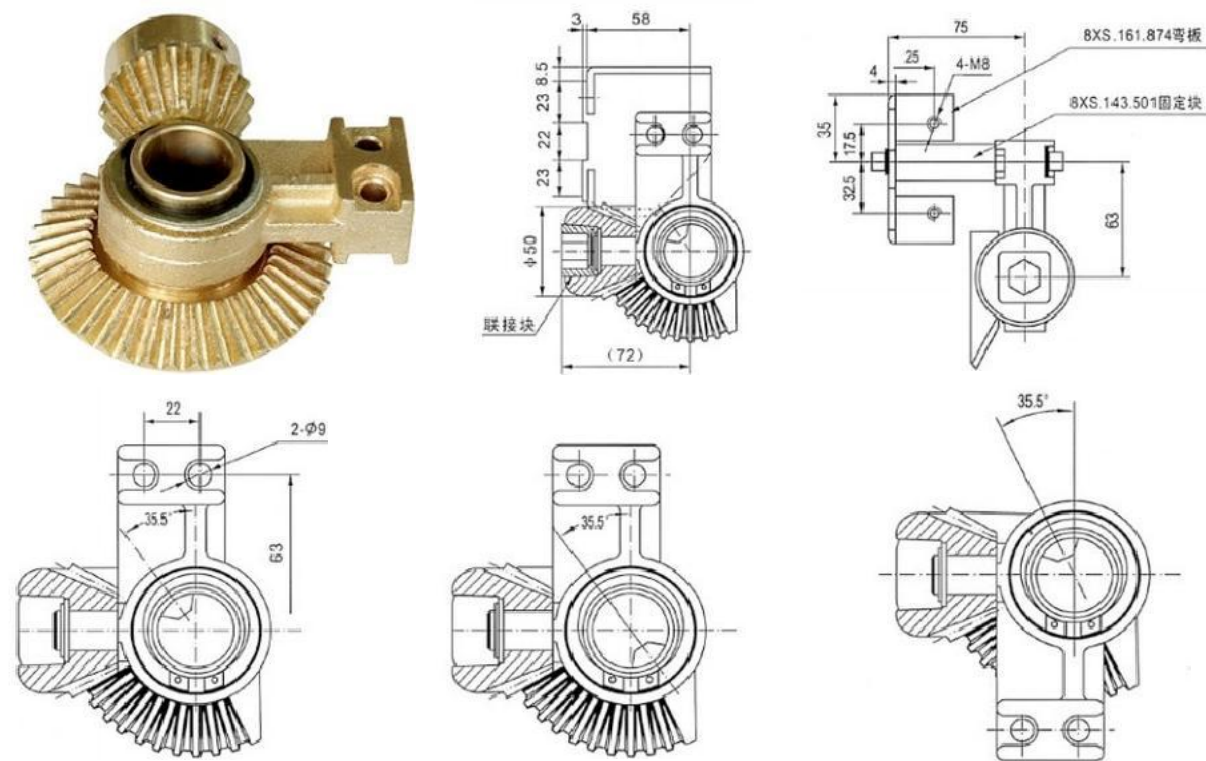
No.	Description	Model No.	Quantity PCS/SET
1	Support	8XS.043.017.1-4	1
2	Roller	8XS.224.021	1
3	Tension spring	8XS.288.015	1
4	Interlocking lever weld	5XS.174.017	1
5	Shaft	8XS.200.020	1
6	Split washer	GB/T 896-88	2
7	Screw	8XS.900.010	1
8	Nut M5	GB/T 6170-86	1
9	Gasket	GB/T 93-87	1
10	Gasket	GB/T 97.1-85	1

Descrip tion	Model No.	H	Quantity PCS/SET
Support	8XS.043.017.1	136MM	For VD4 circuit breaker handcart with 1250A and similar size specification handcart
	8XS.043.017.2	116MM	For 1250A VS1 circuit breaker handcart and similar size specification handcart
	8XS.043.017.3	126MM	For VD4 circuit breaker handcart with 1600-2500A and similar size specification handcart
	8XS.043.017.4	80MM	Vd4 circuit breaker handcart with 3150A and similar size specification handcart

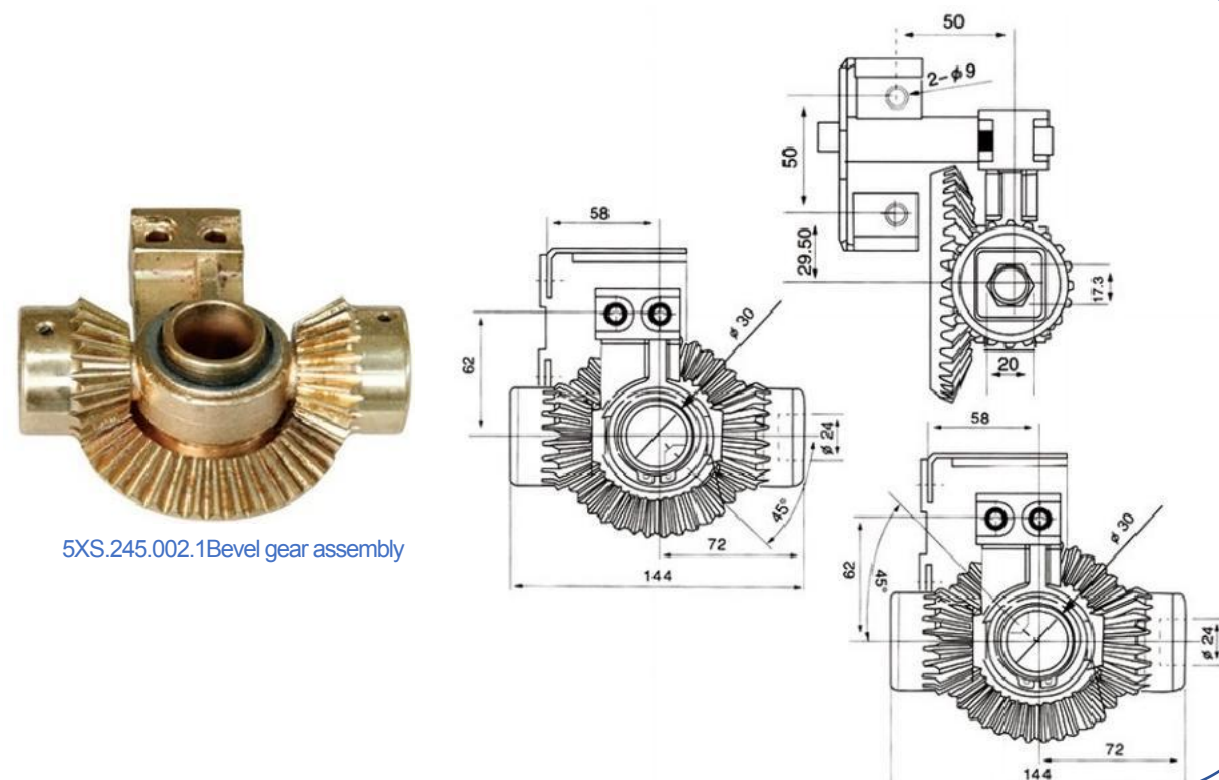
switchgear accessories series

Switchgear accessories series

◆ Bevel gear assembly model and installation dimensions

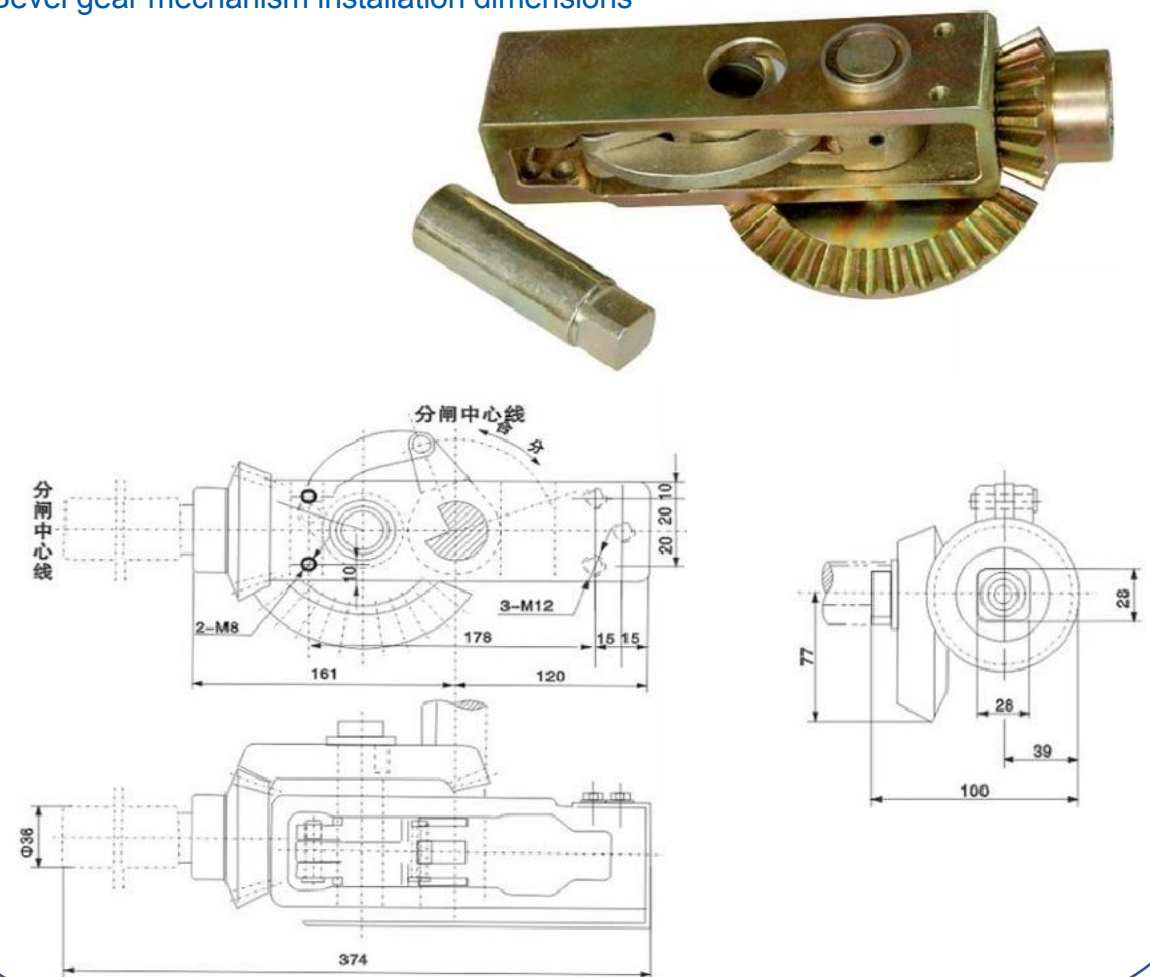


Bevel gear assembly 5XS.245.001.1 Bevel gear assembly 5XS.245.001.2 Bevel gear assembly 5XS.245.001.4



5XS.245.002.1 Bevel gear assembly

◆ Bevel gear mechanism installation dimensions



◆ Instructions

1. The CL-40.5 bevel gear mechanism is used for manual operation of JN22-40.5/31.5 indoor high voltage earthing switch. It is used for KYN61-40.5 switchgear and other types of switchgear.
2. The rotation angle of the operating shaft is 270° :90° (open-close).
3. Right-operated when bevel gear in closing centerline as the operating mechanism rotation axis. As shown in the figure, this operating mechanism is right-operated with the closing centerline as the operating mechanism rotation axis. The left-operated mechanism is reversibly assembled by the manufacturer and the user can install it symmetrically on the left side as shown in the figure.
4. The V-shaped shaft hole in this mechanism is used to install the main shaft of the earthing switch. When fixing the mechanism to the switchgear, please pay attention to the following:
 - a) When operating the axis device, the small bevel gear should be engaged at the 3rd-4th tooth position of the large bevel gear. Otherwise, the required rotation angle will not be achieved.
 - b) When the square core connecting rod provided by this mechanism and the connecting sleeve of the user are matched with 2-18 pin holes, the operating handle in front of the switchgear is selected in the best position to facilitate operation.
 - c) We suggest to choose the CM6x700 single-lever operating handle, which has moderate operating force.
5. The earthing switch can be equipped with 1K1B or 2K2B micro switch (Equipped without micro switches) for switch status indication and electrical control.

◆ Order Instructions

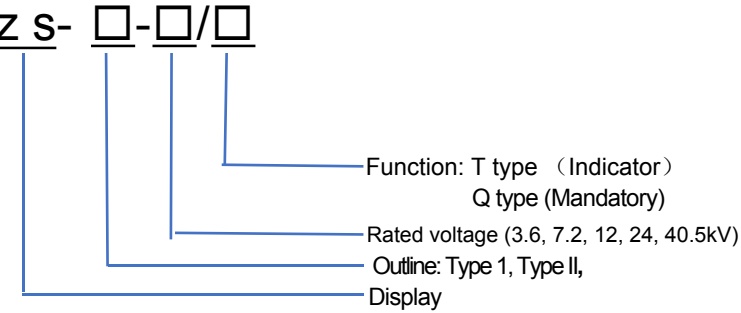
1. Please indicate left or right operation of the earthing switch
2. Special requirements can be negotiated.

Switchgear accessories series

ZS Display



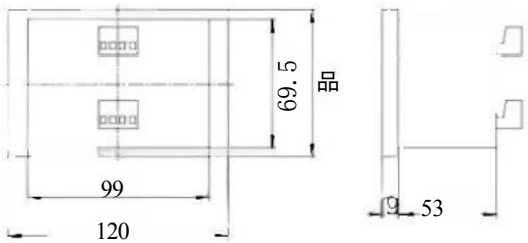
◆Model No.and Description



Type 1 displays have two types: Indicator type (T type) and Mandatory locking type (Q type), while Type II displays only have prompt type (T type) and do not have forced locking (Q type).

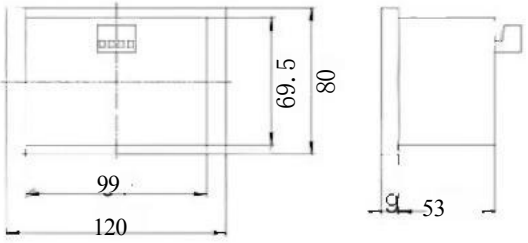
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◆DXN-Q8 Live display



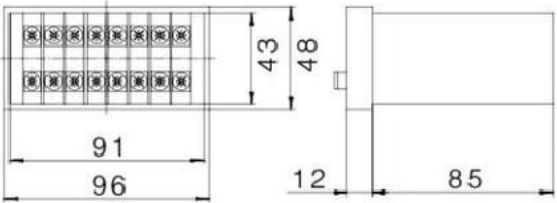
Opening size100X70

◆DXN-T1 Live display



Opening size100X70

◆DXN-Q4 Live display



Opening size92X44

◆DXN-T3 Live display



Switchgear accessories series

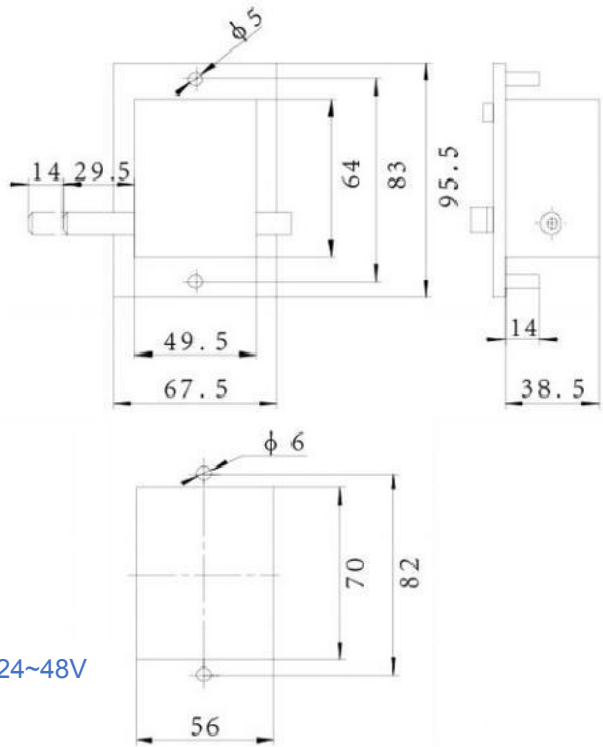
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◆ DSN-AM Indoor electromagnetic lock



Picture: Left lock

Working power supply: AC/DC110~220V DC24~48V

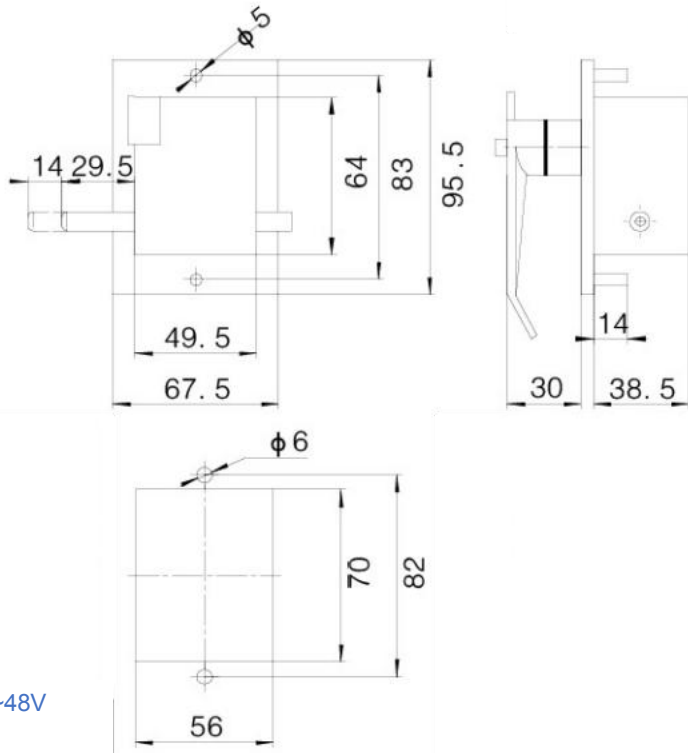


◆ DSN-BM Indoor electromagnetic lock



Picture: Right lock

Working power supply: AC/DC110~220V DC24~48V



◆ series auxiliary switch



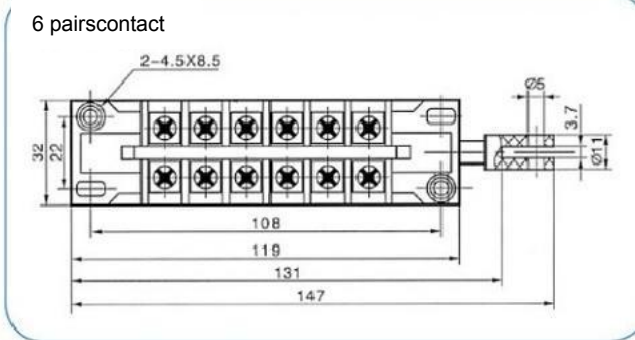
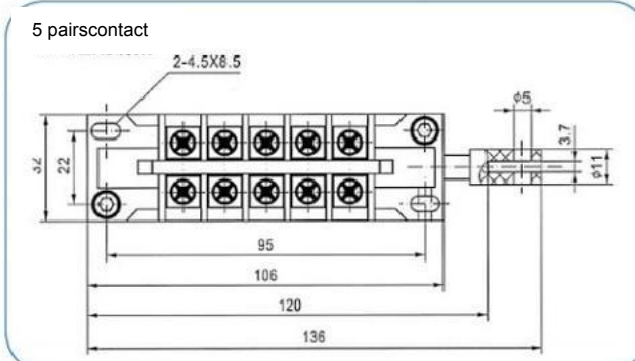
◆ Model No. and Description

FK10-□-□□
 Quantity of NC contact
 Quantity of NO contact
 Structure code: I With connecting rod (For VCB chassis S8, S9)
 II Without connecting rod joint (For earthing switch interlock)
 Design code
 Auxiliary switch

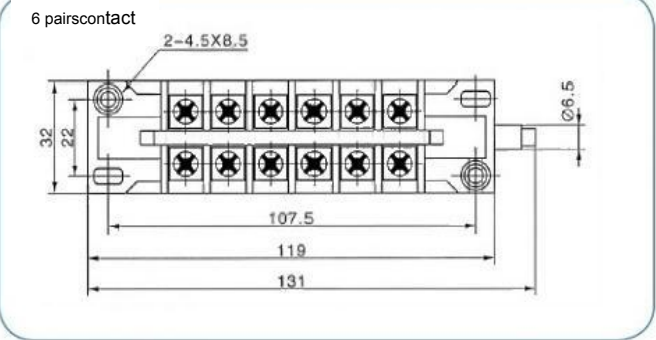
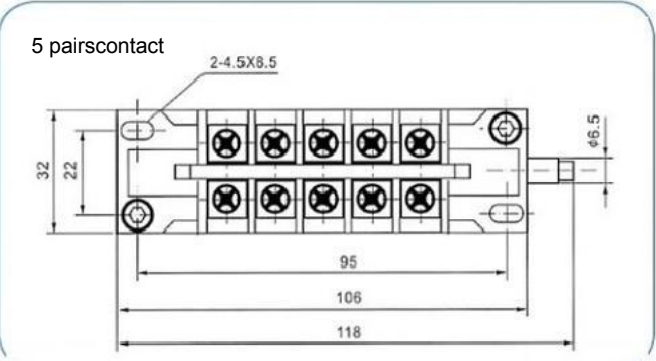
◆ Main technical parameters

Rated voltage: AC 660V Rated frequency: 50HZ Rated current: 10A

◆ FK10-I-□□ Model and installation dimensions



◆ FK10-II-□□ Model and installation dimensions



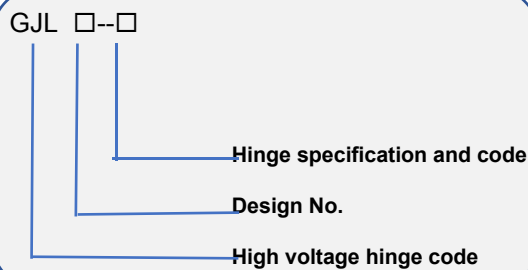
Note: Regular model in 5 NO and 3NO+2NC, can also be comined like X-NO+ Y-NC(X+Y=5). 6 Pairs and 10 pairs contact can also be provided, or as per requirements to be X-NO+ Y-NC(X+Y=6)

Switchgear accessories series

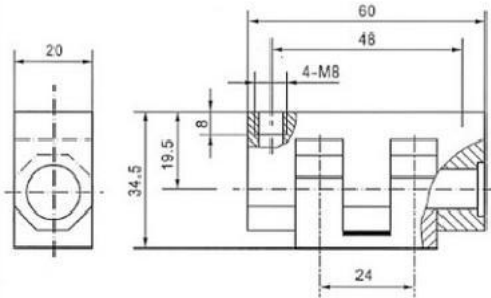
◆ GJL1 High voltage cabinet door hinge



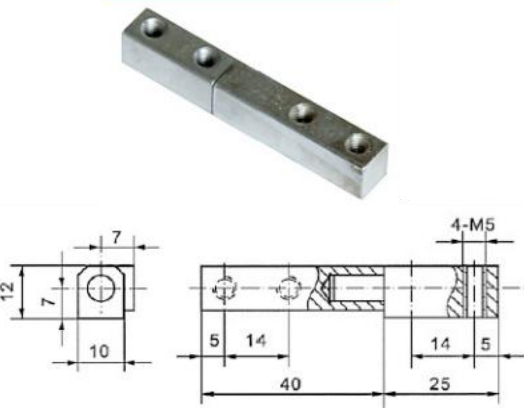
◆ Model No . And description



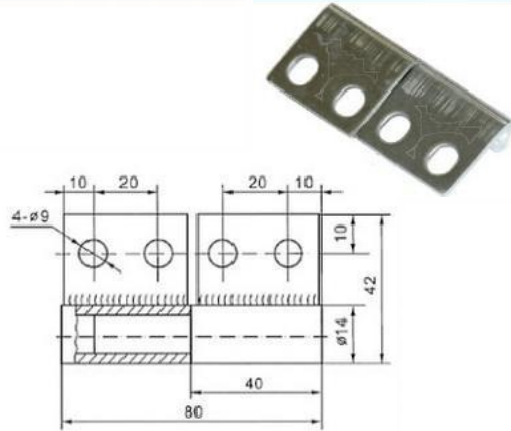
◆ GJL2-1 High voltage cabinet door hinge
Overall and installation dimensions



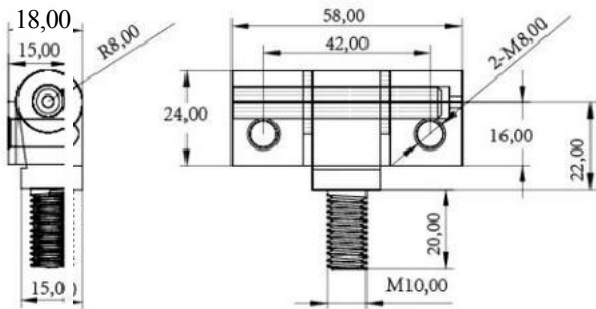
◆ GJL4-1 High voltage cabinet door hinge
Overall and installation dimensions



◆ GJL5-1 High voltage cabinet door hinge
Overall and installation dimensions



◆ GJL9 High voltage cabinet door hinge
Overall and installation dimensions



◆ GMS High voltage cabinet door lock

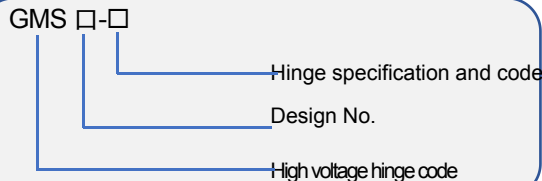


◆ GMS1 door lock

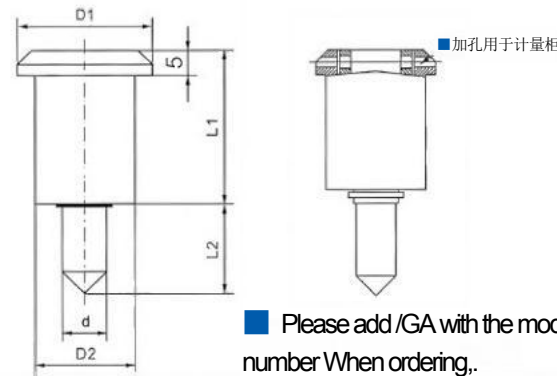
◆ GMS2 door lock (二代柜)

◆ GMS3 door lock

◆ Model No . And description



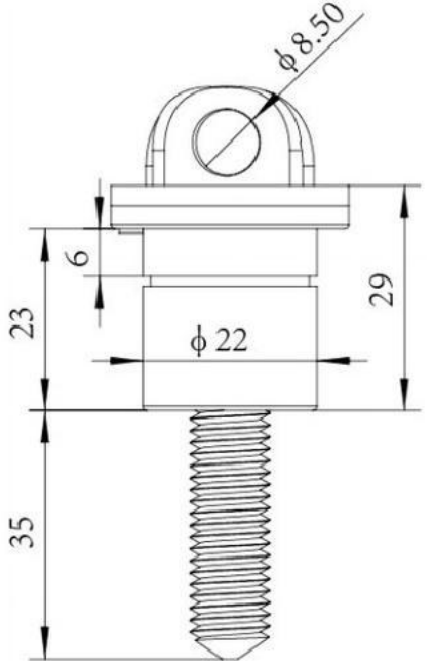
◆ GMS1 High voltage cabinet door lock model no.and dimensio



Unit: MM

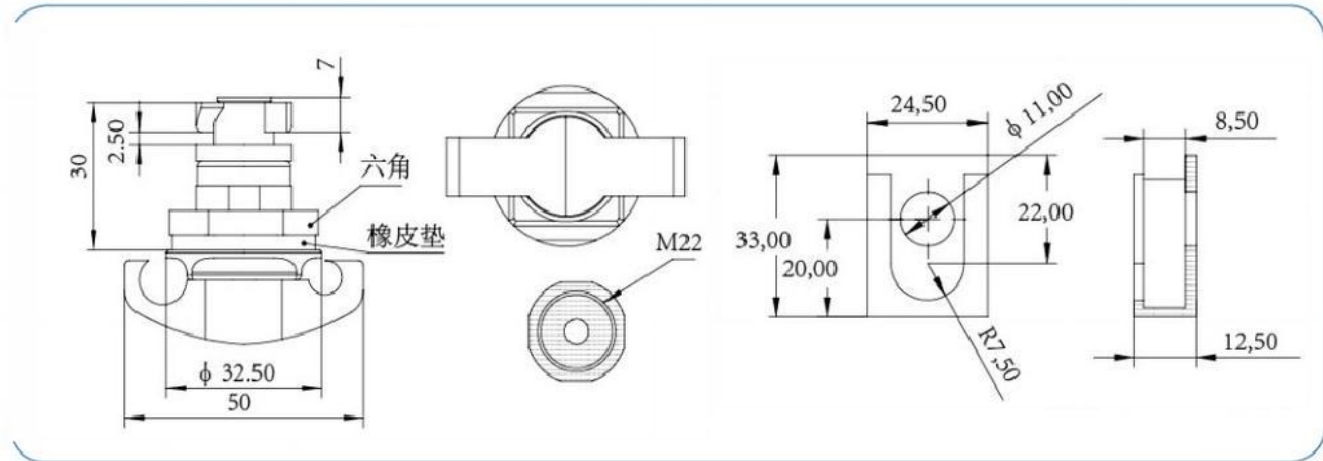
型号	D1	D2	d	L1	L2
GMS1-1	φ24	φ20	M8	31	22.5
GMS1-2	D30	φ22	W10	35	20.5
GMS1-3	φ24	φ20	M8	31	34.5
GMS1-4	φ30	φ22	M8	35	20.5
GMS1-5	φ30	φ22	M10	35	29
GMS1-6	φ30	φ22	M10	40	20.5
GMS1-7	φ30	φ22	M8	27	23
GMS1-8	φ30	φ22	M10	45	20.5
GMS1-9	φ30	φ22	M8	35	25
GMS1-10	φ30	φ22	M10	31	24.5

◆ GMS2 High voltage cabinet door lock Outline Mounting Dimension

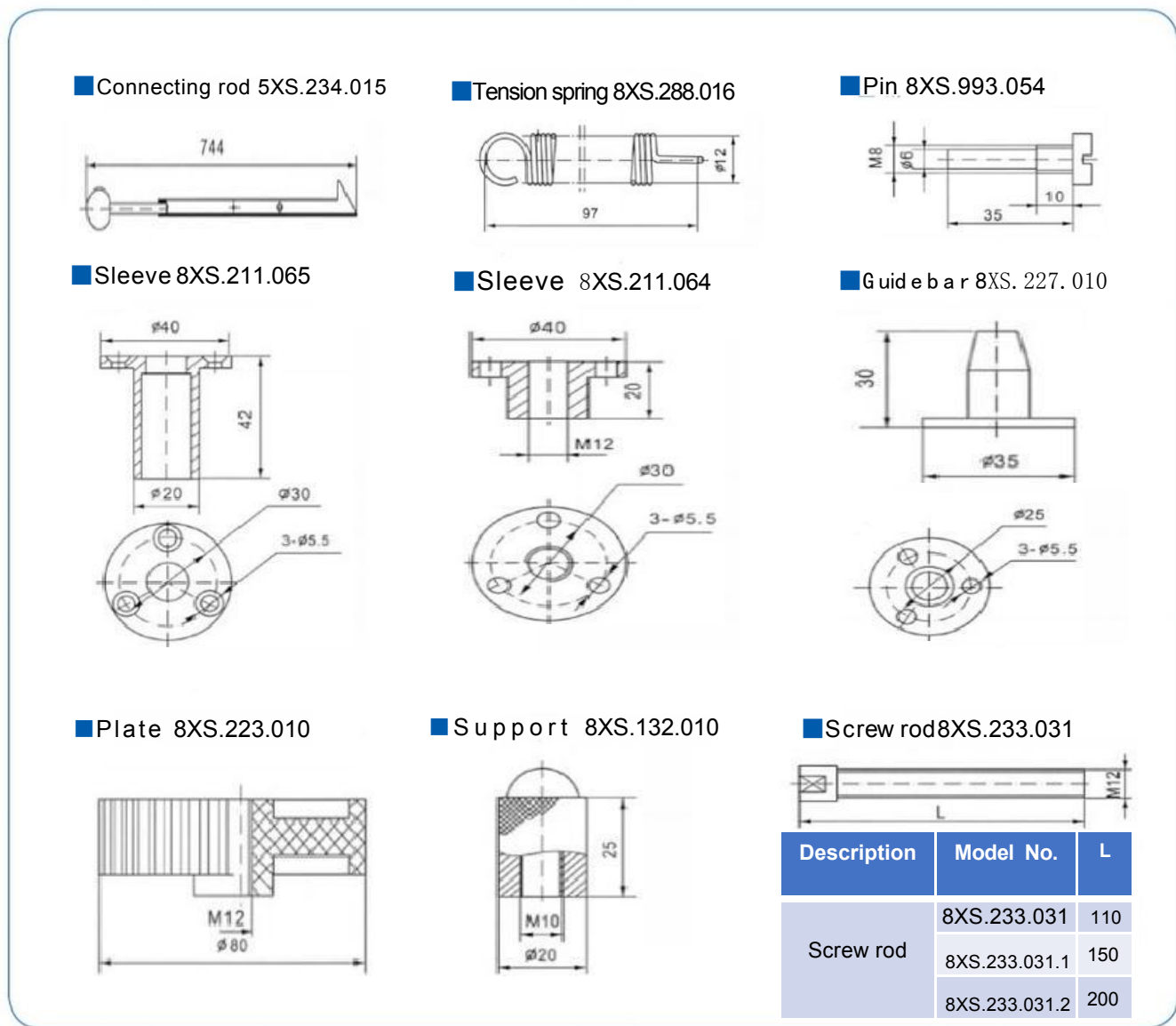


Switchgear accessories series

◆ GMS3 High voltage cabinet door lock Outline Mounting Dimension



◆ Handcart assembly parts

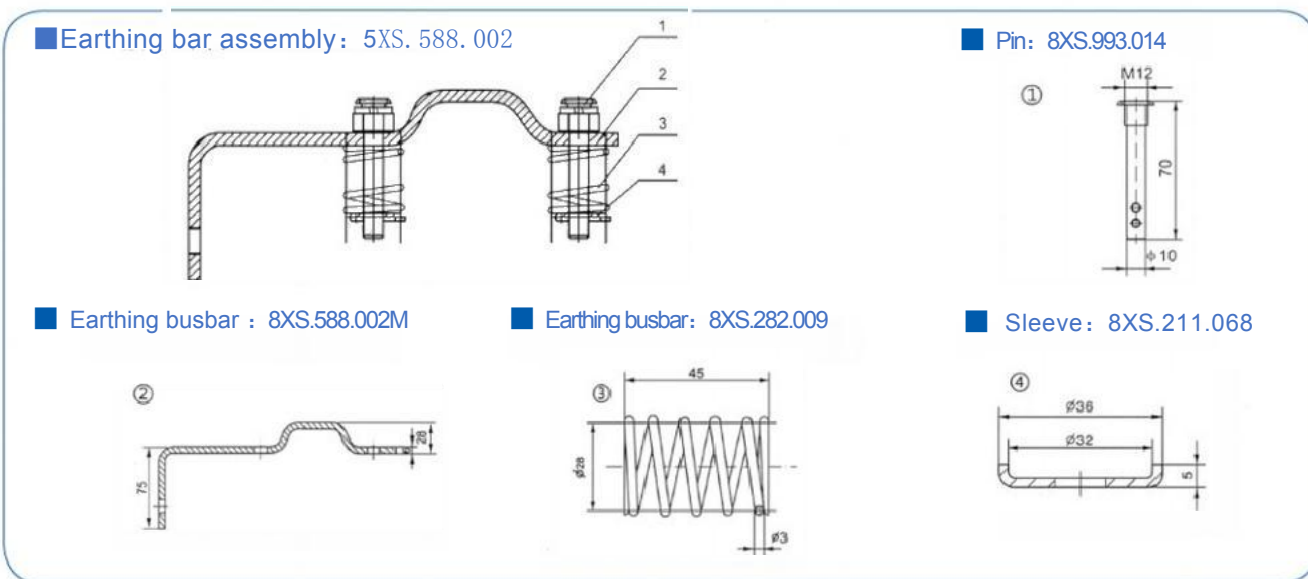


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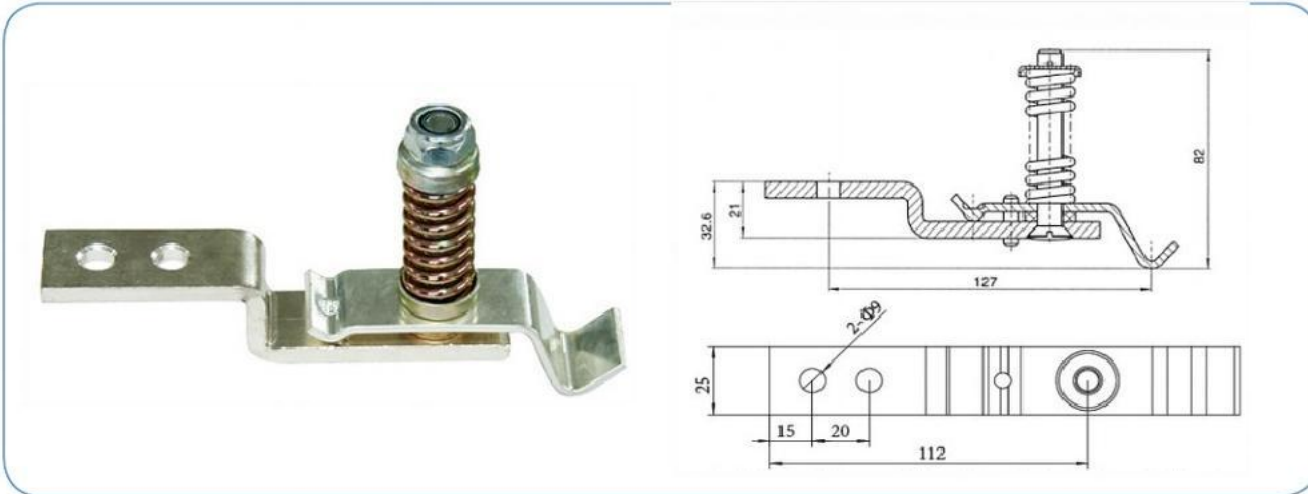
Fixed wheel/universal wheel



◆ Earthing busbar

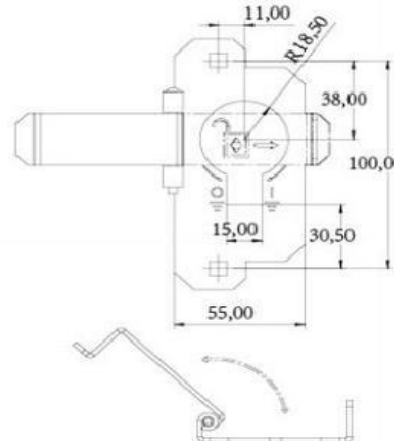


◆ JYN35 Earthing contact Hole size drawing

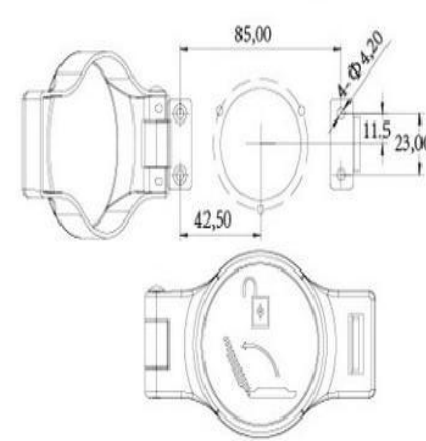
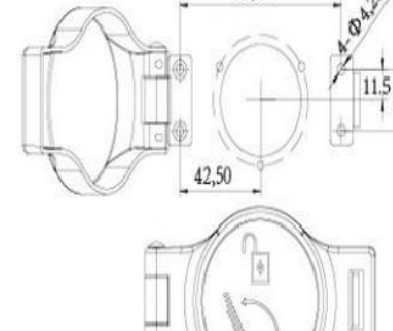


◆ Interlock mechanism padlock(2nd generation switchgear)

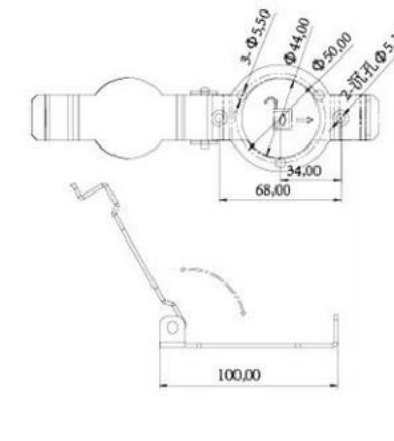
◆5SZY-018-010 接地联锁挂锁装置



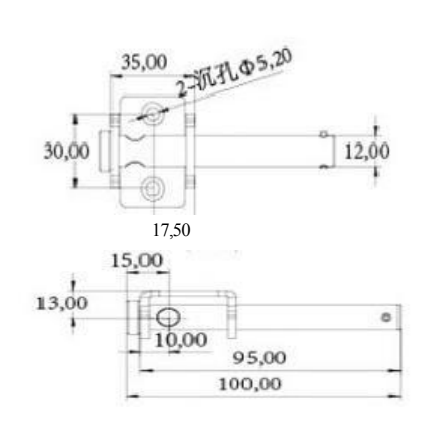
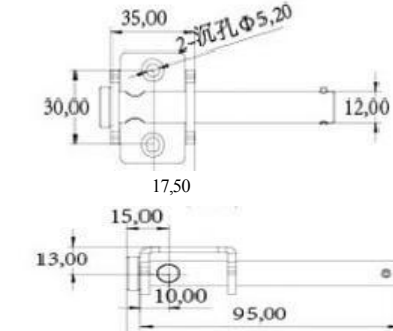
◆5SZY-019-010中门塑料挂锁装置



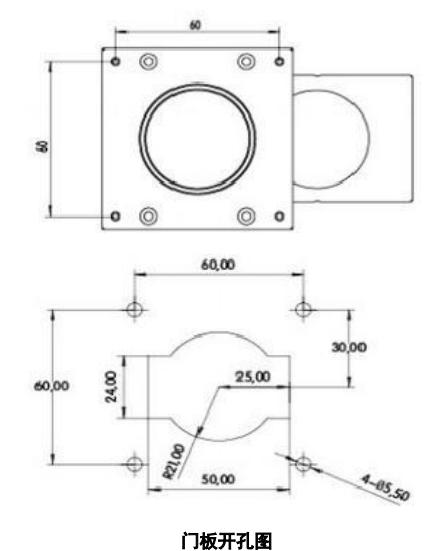
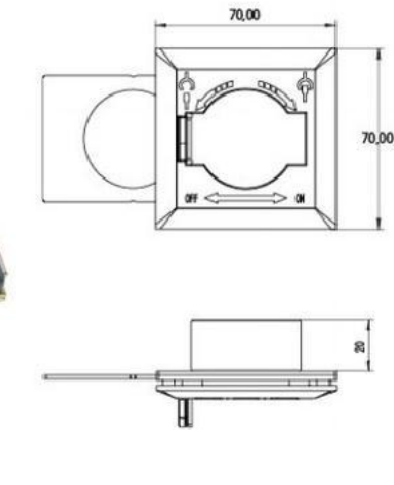
◆5SZY-018-020 中门挂锁装置



◆5SZY-020-010挂锁装置



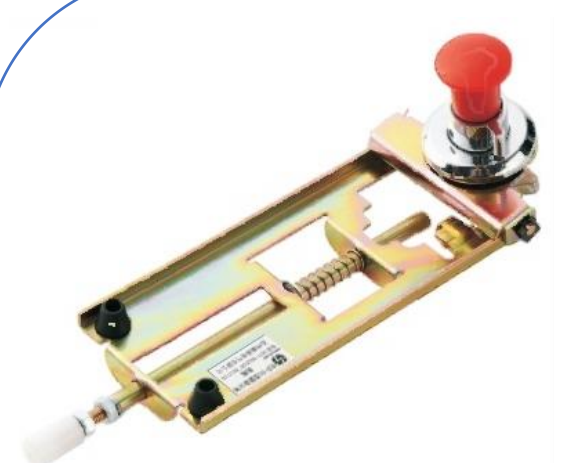
◆5SZY-021-020



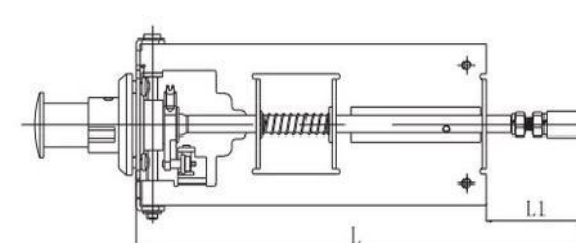
门板开孔图

◆ Emergency tripping device

This device is mainly used to simplify the operation steps of circuit breaker tripping, and improve handing speed of sudden circuit faults under emergency conditions. This product adopts rotating folding mechanism, which can realize the manual tripping of the test position and the working position without pening the switchgear door. The device can be operated by one hand and automatic reset after leting go, easy fast operation



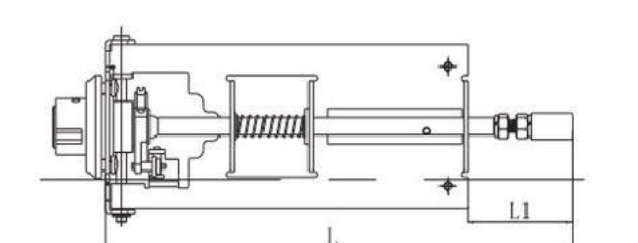
Emergency tripping device(mushroom button)



Model No.	L	L1	Remark
DJF-01.91	225	50	Used for door thickness 30mm
DJF-01.91-1	245	70	Used for door thickness 55mm



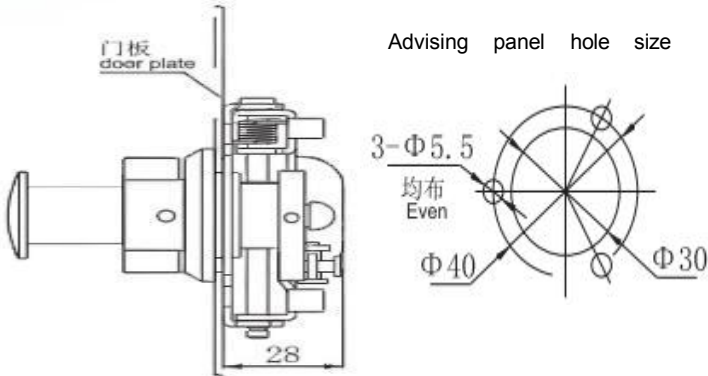
Emergency tripping device(Flat head button)



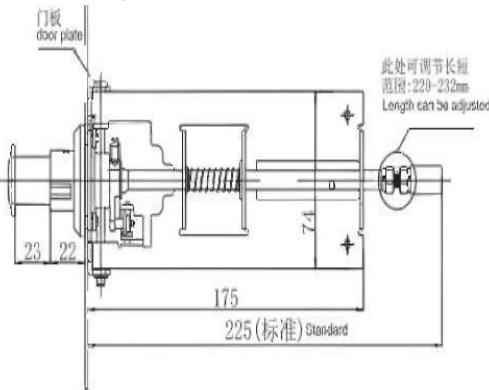
Model No.	L	L1	Remark
DJF-01.92	225	50	Used for door thickness 30mm
DJF-01.92-1	245	70	Used for door thickness 55mm

Note: Pushrod length L1 can be customized

1.Reset



2: Working status



Switchgear accessories series

◆ CM series cabinet lights



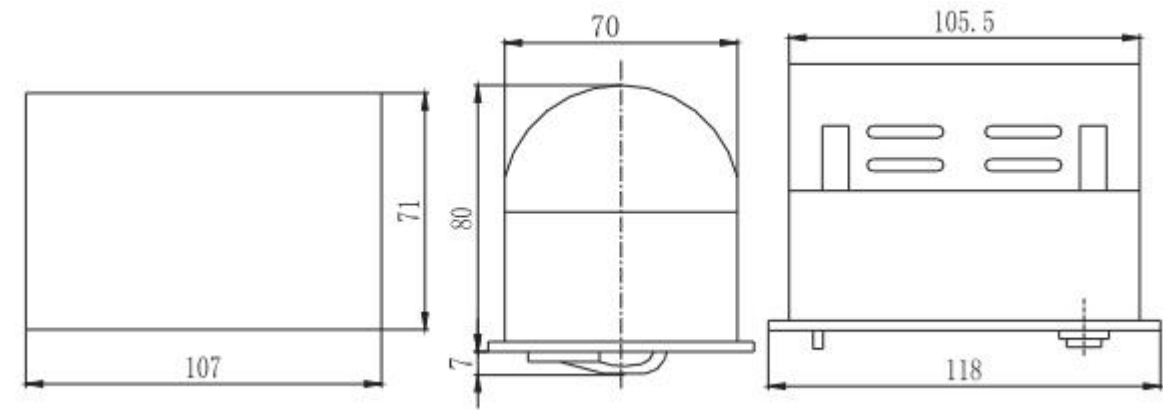
◆ Features

CM series cabinet lights,choose high strength,high temperature resistant materials as the shell and protective cover,with good transparency,small size,good safety performance,easy to replace the bulb.Ideal lighting for various types of switchgear.

◆ Main technical parameters

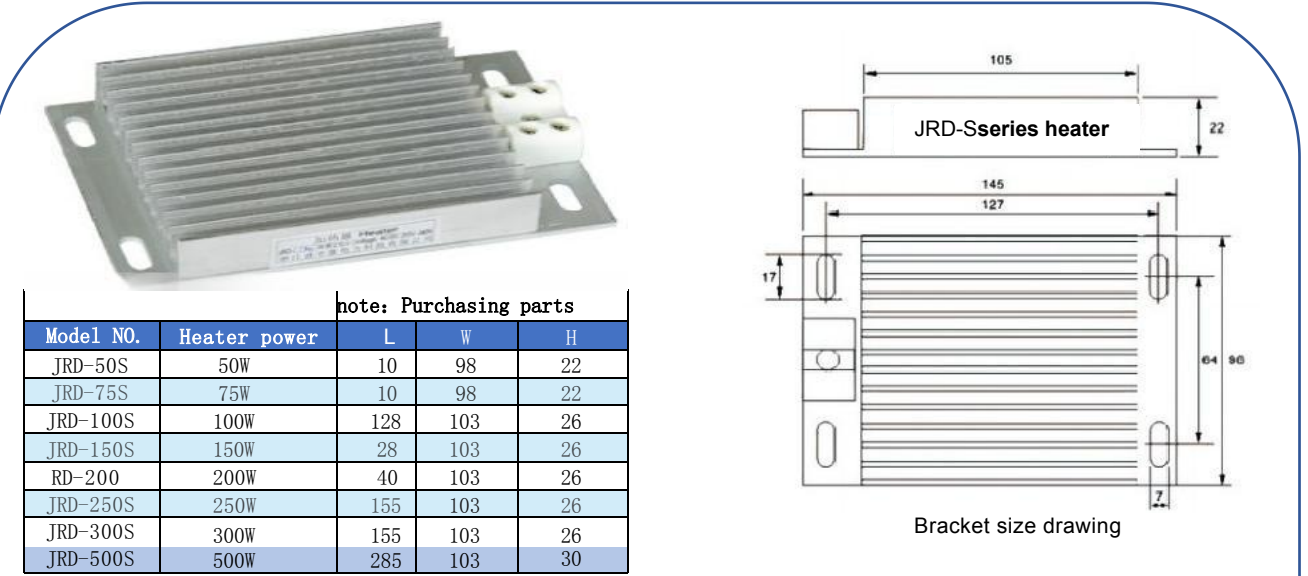
- 1、 Rated voltage: AC220V
- 2、 Rated power: ≤25W
- 3、 Lamp holder: E27/27 screw
- 4、 environment temperature: -20~60℃
- 5、 Altitude: ≤2000m

◆cabinet lights CM-1、 CM-2 Model and installation dimensions



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◆ JRD-S Series heater



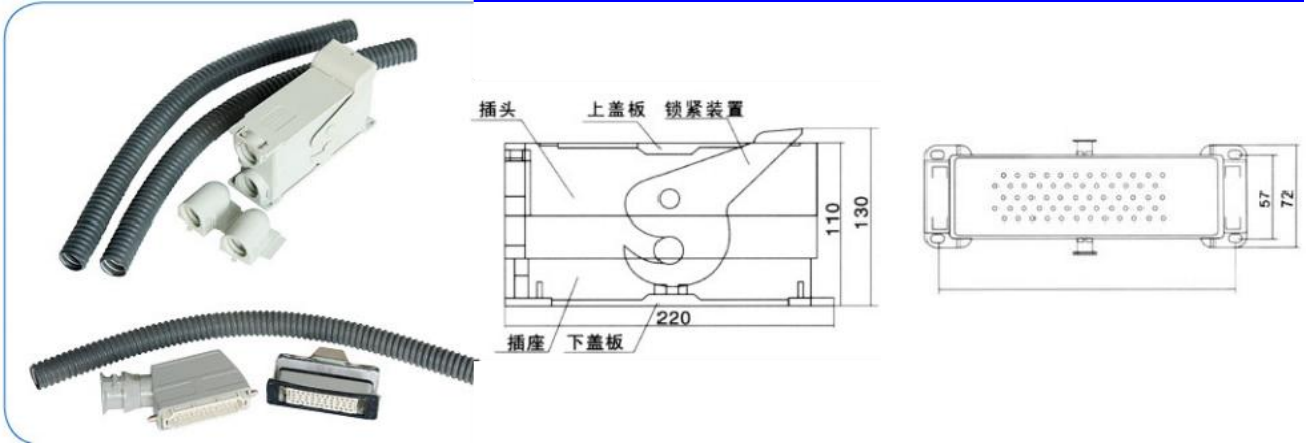
◆peculiarity

JRD-S series aluminum alloy comb heater is designed for moisture proof and dehumidification of power equipment.It is in small size,good appearance, even heat dissipation,large area,etc.It can realize moisture proof,heating control of power equipment.

◆ Main technical standards

Electrical strength (terminal and surface) :2000V
Insulation resistance: >10M
Continuous life: >5000 hours
Rated power: 50~500W±10%
Working voltage: AC380V、200V;DC220V、100V

GZD-58 Secondary plug socket



◆Use:

GZD-58 secondary plug socket is used for connecting the secondary circuits of centrally mounted high voltage switchgear such as GZS¹ (with VS¹, VD4).

◆Parameters:

Rated voltage: AC 380V, DC 220V; Rated current: AC 16A. DC 10A; Mechanical life: 2000 times.

Note: The wiring holes of the pins (with retaining rings) and sockets (with retaining rings) provided with the plug socket are limited to wires of 1.5mm² and below. If 2.5mm² or 4mm² is required, please specify when placing an order.

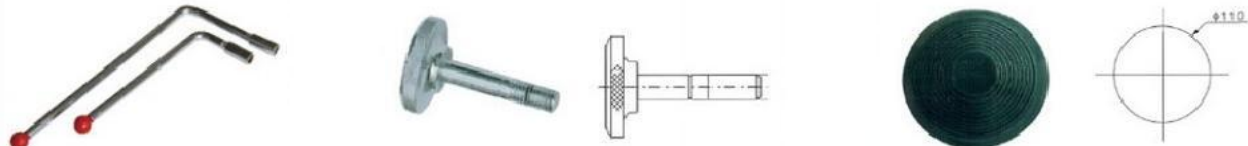
Switchgear accessories series

◆ Other switchgear parts

- ◆ Mid-placed switchgear door seal strip
- ◆ Sleeve 8XS.211.053
- ◆ Nylon screws (explosion-proof): M6×20

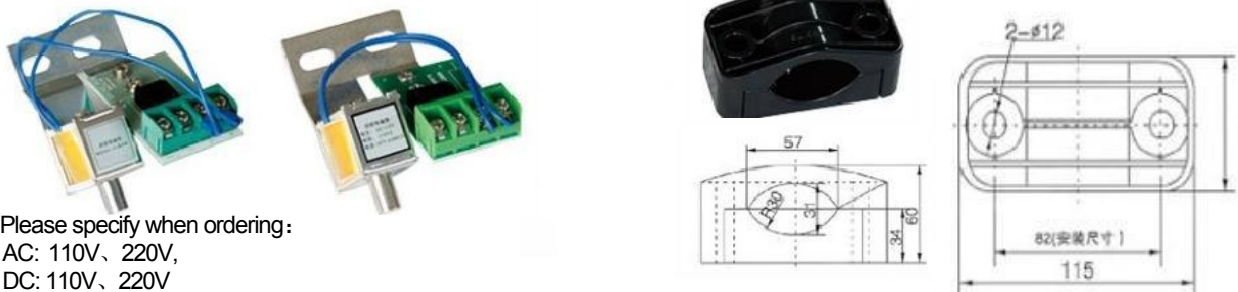


- ◆ High voltage earthing switch opening and closing handle
- ◆ Screw handle: 8XS.989.010
- ◆ Mid-placed switchgear rubber retainer φ110



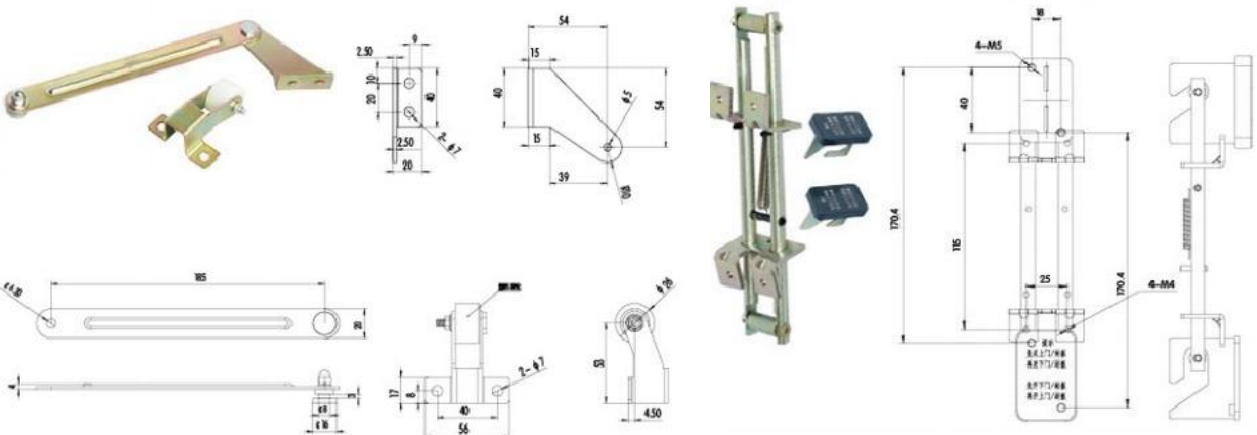
Standard: 5XS.253.011
Lengthen: 5XS.253.011.1

- ◆ Locking electromagnet
- ◆ K36/52 High voltage cable clamp



Please specify when ordering:
AC: 110V, 220V,
DC: 110V, 220V

- ◆ 5SZY-080-016
- ◆ 5SZY-454-010



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Logo

- ◆ Handcart in and out indicating plate: 8XS.866.015
- ◆ Earthing switch marking: 8XS.860.010



Note: Please mark to use adhesive or metal when ordering

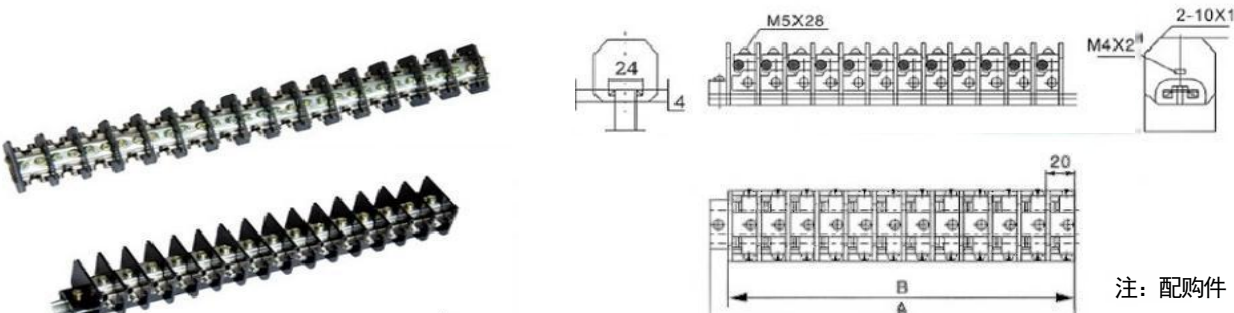
- ◆ Input Logo: 8XS.866.012
- ◆ Output Logo: 8XS.866.014



Note: Sticke

Note: Sticke

◆ MJ2 Series small busbar seat



注: 配附件

Nodes	10Node	12Node	15Node	17Node	20Node
A	203	255	315	355	415
B	205	243	303	343	403

■ Features

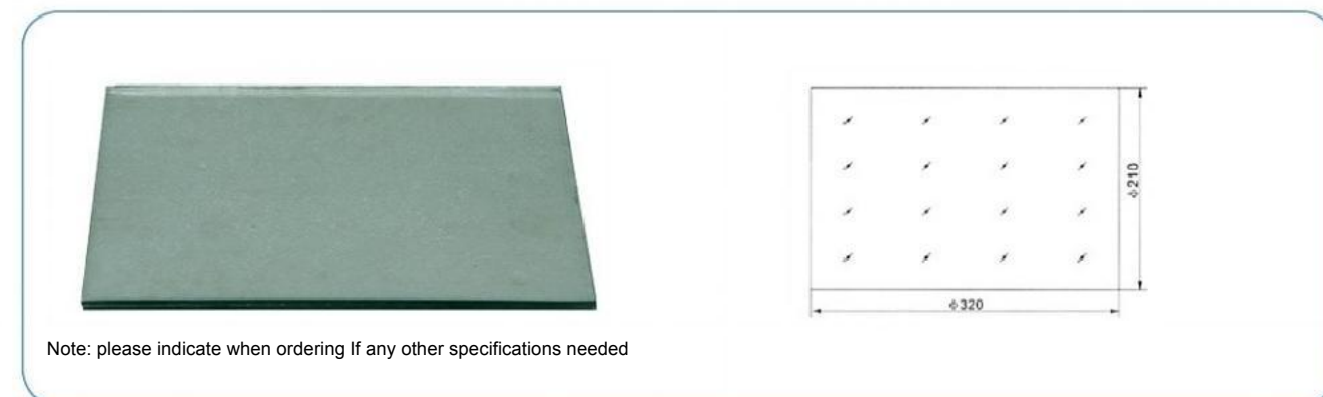
MJ2 series small busbar seat can be fixed with 6,8 copper incoming line, switchgear connection wire in 2.5mm², or as per requirements..

■ Technical parameters

Rated voltage: 660V;
Rated current: 25A;
规格: 2.5mm² wires

Switchgear accessories series

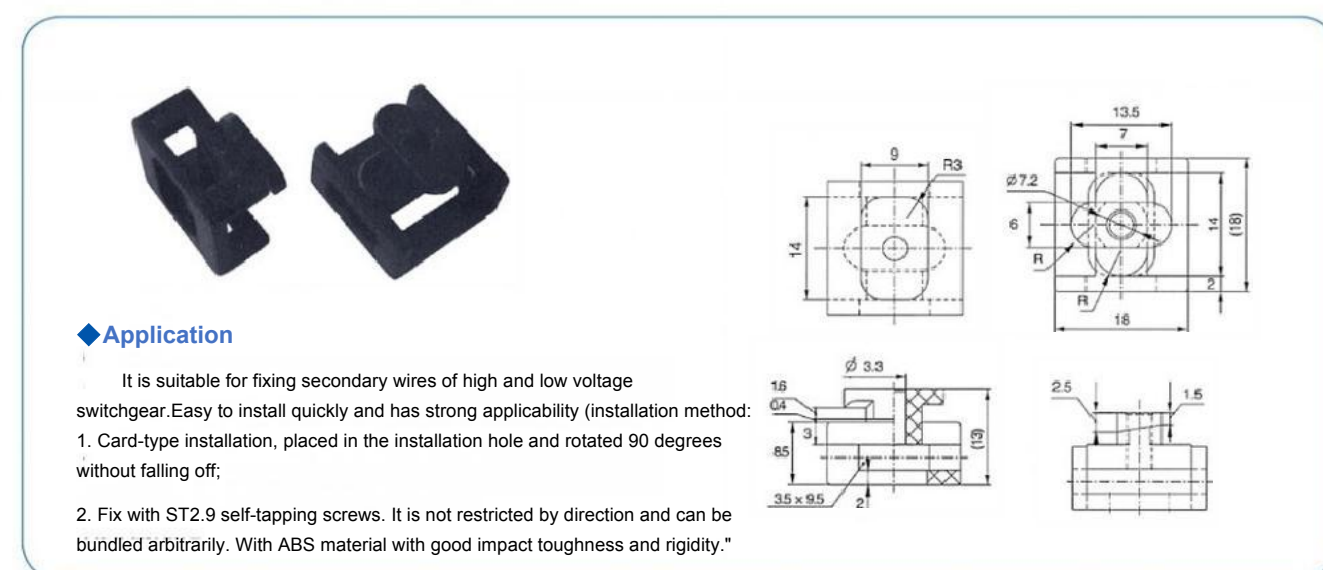
Tempered glass 320×210



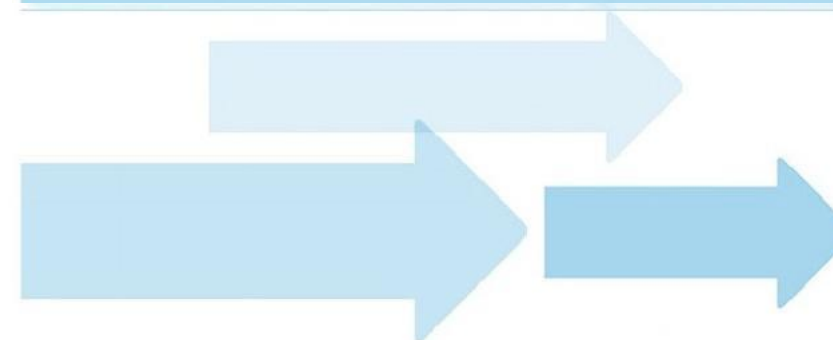
BK-5 Central cabinet observation frame (glass thickness 10mm)



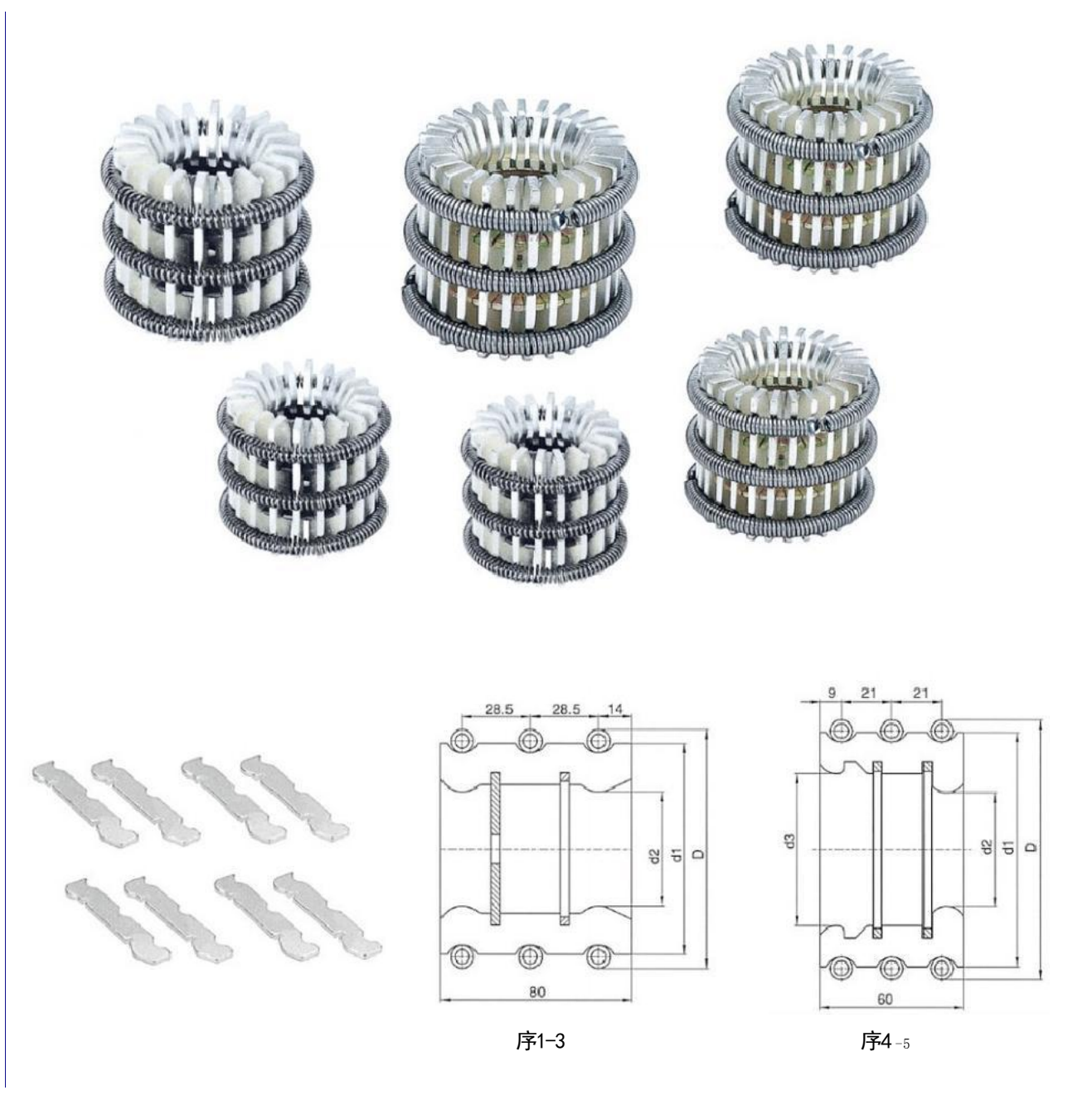
Wire: 8WXJ.022.550 Outline and installation dimensions



Tulip contact.Static contact series

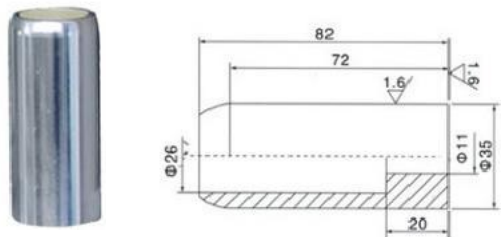


◆ ZF10-252(GIS) Series- Tulip contact Outline and Assembly Sizes

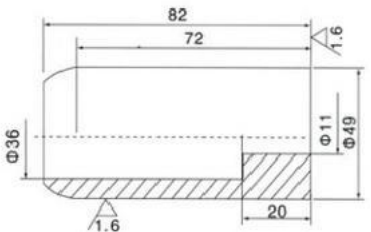


◆ Fixed Contact

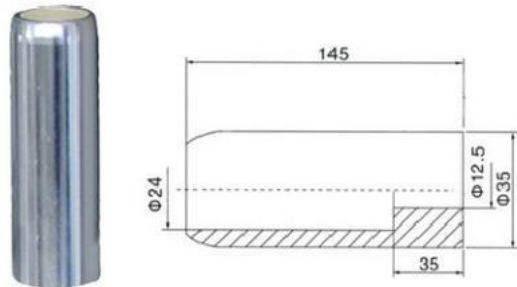
◆ 630A fixed contact



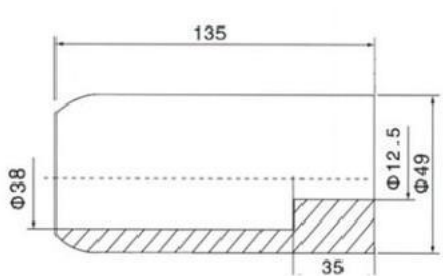
◆ 1250A fixed contact



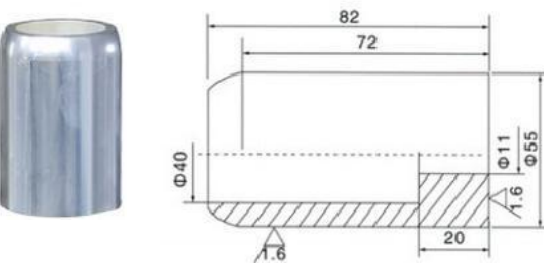
◆ 630A lengthen type fixed contact



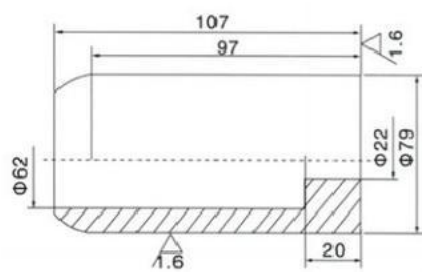
◆ 1250A lengthen type fixed contact



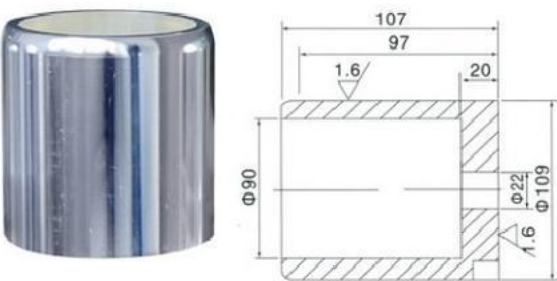
◆ 1600A fixed contact



◆ 2000A fixed contact



◆ 3150A fixed contact



◆ 4000A fixed contact

