LIYOND CHASIS TRUCK SERIES

Model and meaning

DPC - □□ - □

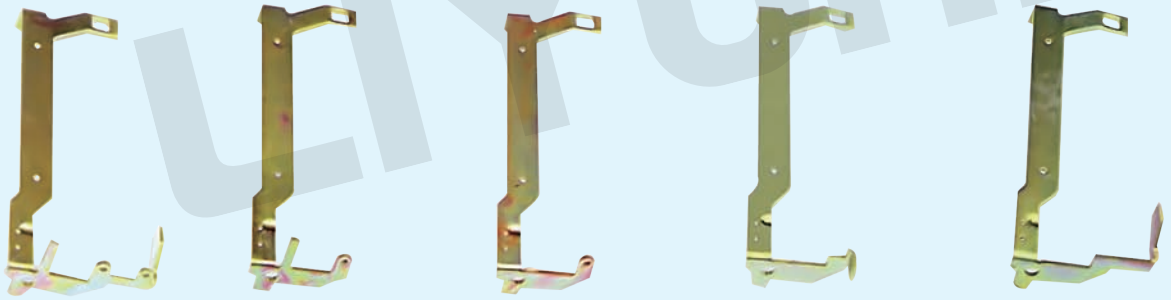
- Width=650mm.800mm and 1000mm
- A means track roller outfit bearing
- Design Number 3.4.5
- Chasis Truck

Usage and function

Chasis truck mainly used for switch equipment to install circuit breaker, transformer and other components, push and exit it ,play a supplementary role in connecting the components with the busbar.

When chasis truck works with the internal mechanism of circuit breaker and other switchgear interlocking mechanism ,can meet the interlock requirement of GB3906 - five prevention.

Lock plate for Chasis Truck

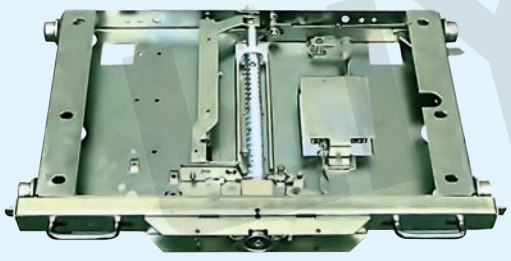


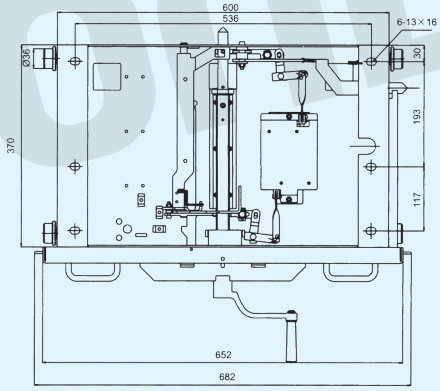
Lock plate 8XS.141.012 | Lock plate 8XS.141.012.1 | Lock plate 8XS.141.012.2 | Lock plate 8XS.141.050(For VSm) | Lock plate 8XS.141.012S(For VS1+)

Note:DPC chasis truck has five lock plates for selection,usually with 8XS.141.012.2,if you need to match the other four lock plates,please declare in order.

Chasis Truck installation diagram

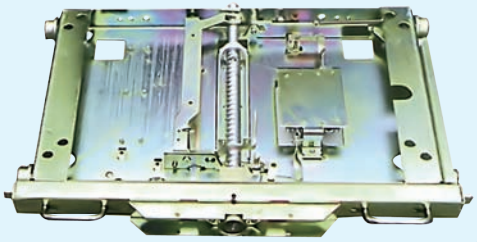
1.DPC - $\frac{3}{3A}$ - 800 Chasis Truck

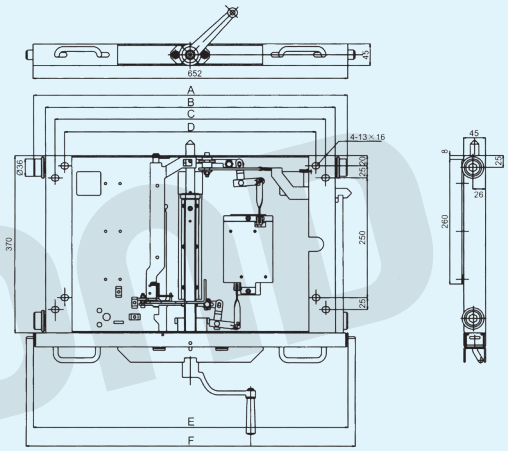




LIYOND CHASIS TRUCK SERIES

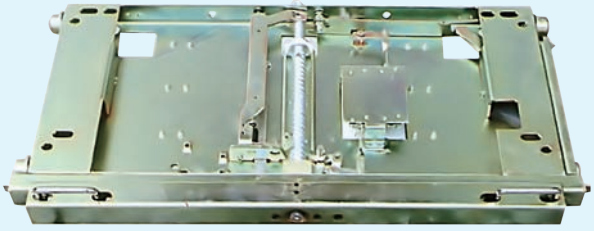
2.DPC-4/4A-□ Chasis Truck

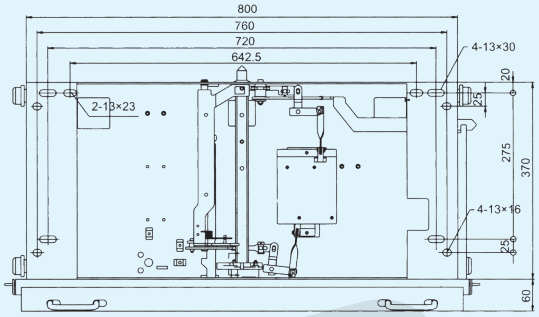




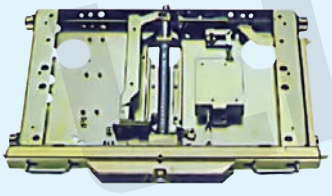
Model	A	B	C	D	E	F
DPC-4-650	500	450	410	385	502	535
DPC-4A-650				ϕ13*30		
DPC-4-800	650	600	560	520	652	685
DPC-4A-800						

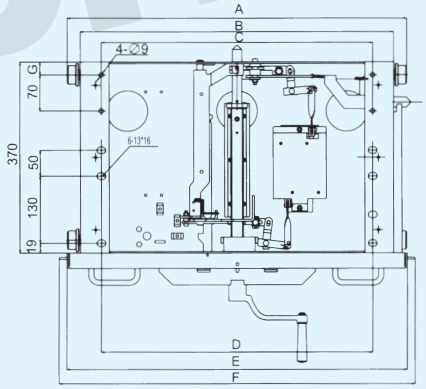
3.DPC-4/4A-1000 Chasis Truck





4.DPC-5/5A-□ Chasis Truck (For VBI)

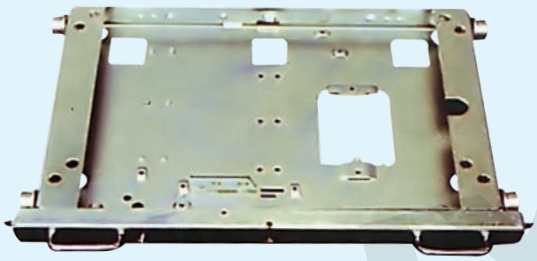


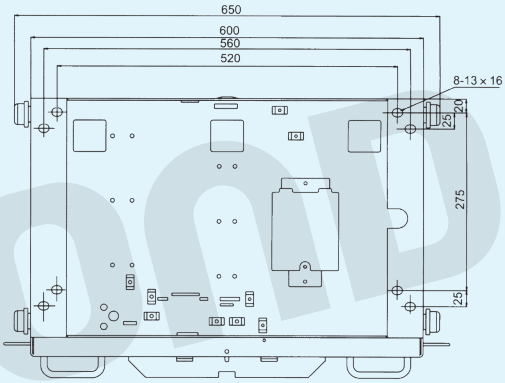


Model	A	B	C	D	E	F	G
DPC-5-800	650	600	520	520	652	685	25
DPC-5A-800							
DPC-5-1000	850	800	720	700	852	885	45
DPC-5A-1000							

LIYOND CHASIS TRUCK SERIES

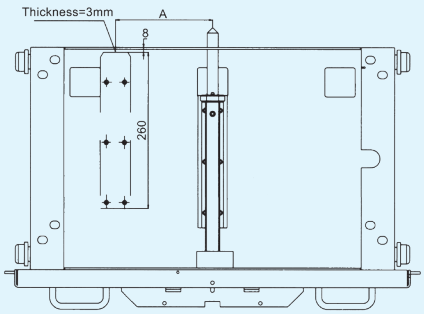
5.DPC-4-800/XC2 Chasis Truck (For lower-layer)

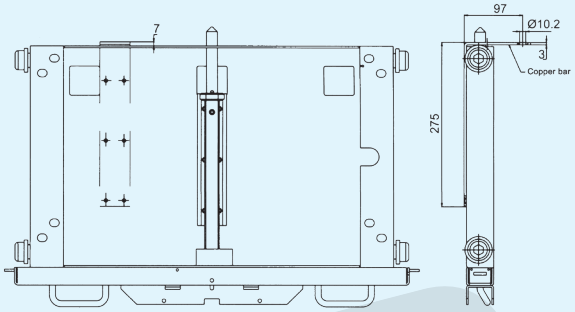




6.Chasis Truck Earthing Methods

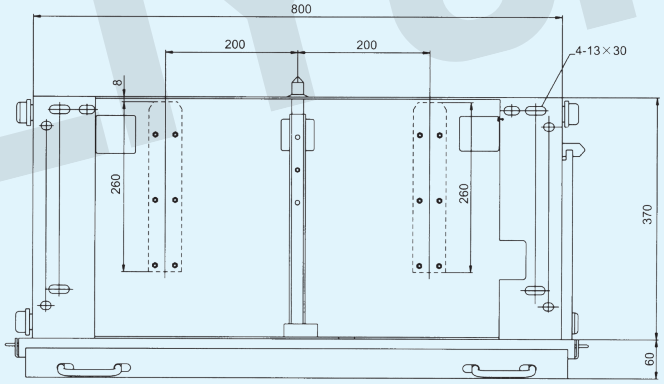
(1)Earthing bar installation diagram





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

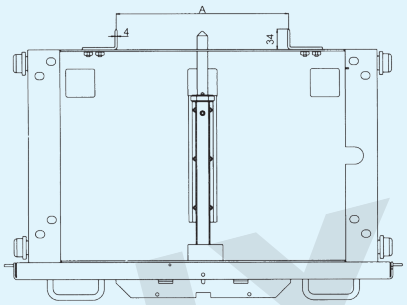
(2)Earthing bar installation diagram (Type 1000)

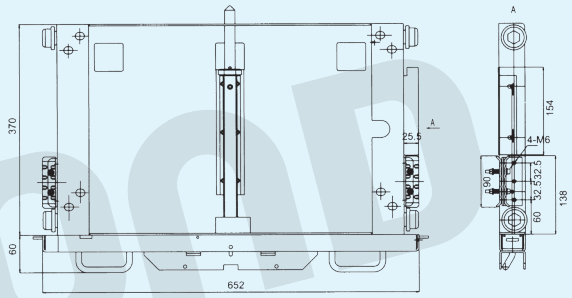


LIYOND CHASIS TRUCK SERIES

(3) Earthing contact installation diagram

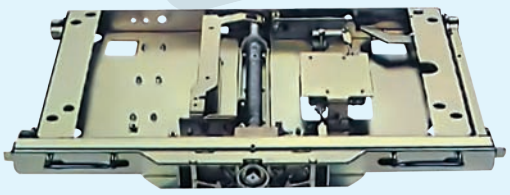
(4) Earthing clip installation diagram





Model	A
DPC- □ -650	180
DPC- □ -800	296
DPC- □ -1000	496

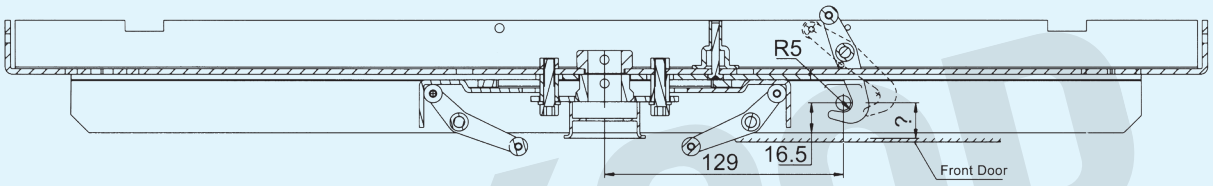
7.DPC- □ - □ /G /S Chasis Truck



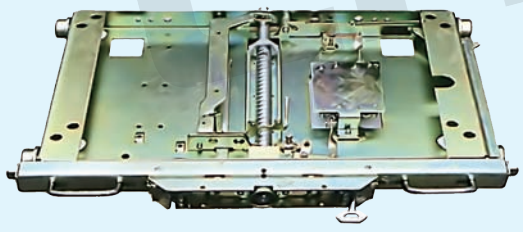
DPC Chasis Truck door interlock functions:

a.DPC- □ - □ /G Chasis Truck
This chasis truck can be operated only when the cabinet door is closed,no need to change the cabinet door.
b.DPC- □ - □ /S Chasis Truck
This chasis truck increase the lock function based on item a,it means when the handcart leave the test position ,cabinet door is locked,can't be opened,only back to the test position,cabinet door can be opened,it needs to change the door.

Interlock installation diagram



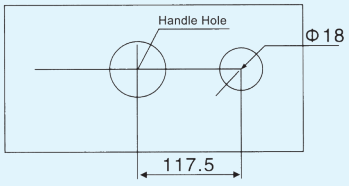
8.DPC- □ - □ /H Chasis Truck



DPC- □ - □ /H Chasis Truck

This type can achieve the interlock between two or more than two chasis trucks.It means when a chasis truck in the working position,another one can not enter the working position .Suitable for dual power supply cabinet.

Users only need to open two holes on the cabinet.Recommended size: ϕ18



LIYOND SWITCHGEAR ACCESSORIES SERIES

Guide rail series : Standard type, lengthened type, suitable for circuit breaker handcart



Left side guide rail 5XS.260.011

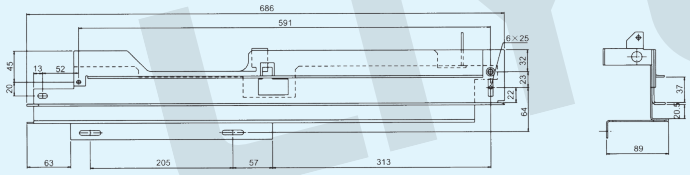


Right side guide rail 5XS.260.010

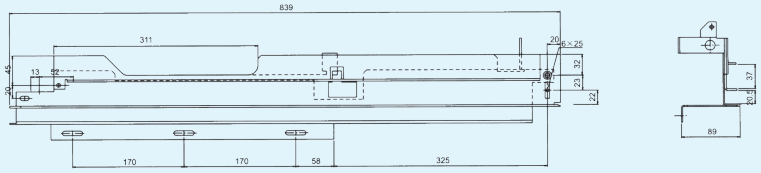


Guide rail interlock device 5XS.363.011

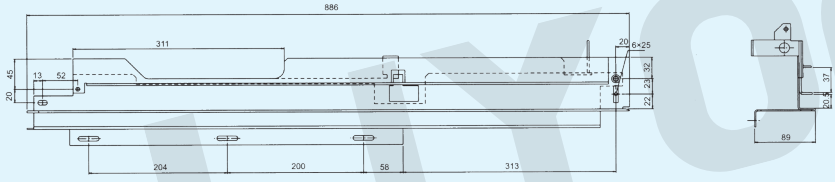
Guide rail 5XS.260. 010/011 (Standard type) installation diagram



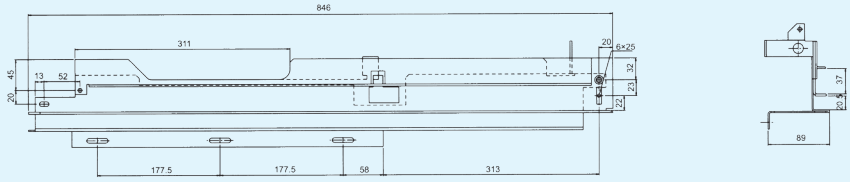
Guide rail 5XS.260. 010/011 .1 (Lengthened type: lengthen 153, suitable for VB2 etc.)



Guide rail 5XS.260. 010/011 .3 (Lengthened type: lengthen 200, suitable for 3AH,ZN12,ZN65 VCB)

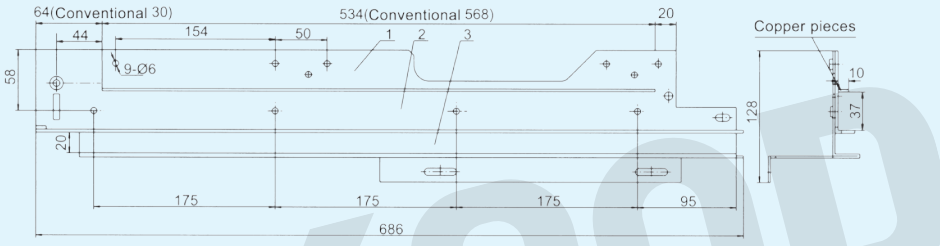


Guide rail 5XS.260. 010/011 .4 (Lengthened type: lengthen 160, suitable for low current VB2,24kV circuit breaker handcart)

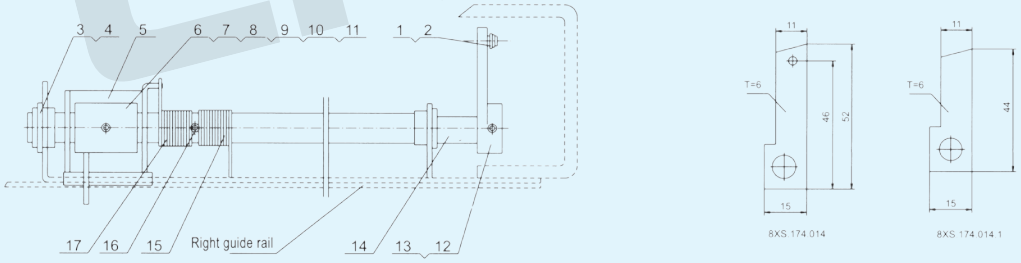


LIYOND

SWITCHGEAR ACCESSORIES SERIES



Guide rail interlock device (5XS.363.011) installation diagram

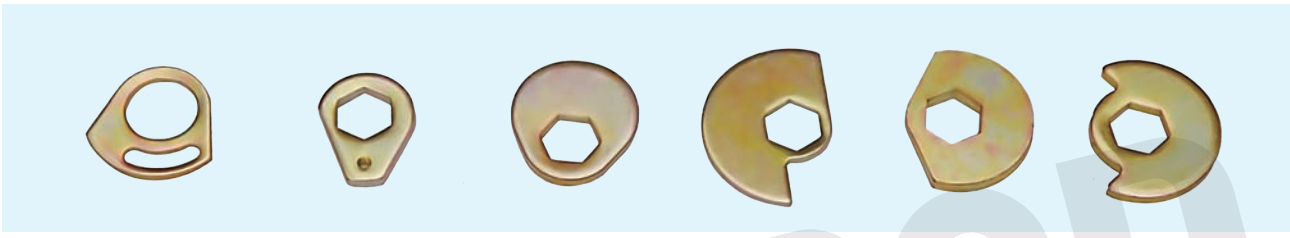


Guide rail interlock device (5XS.363.011)

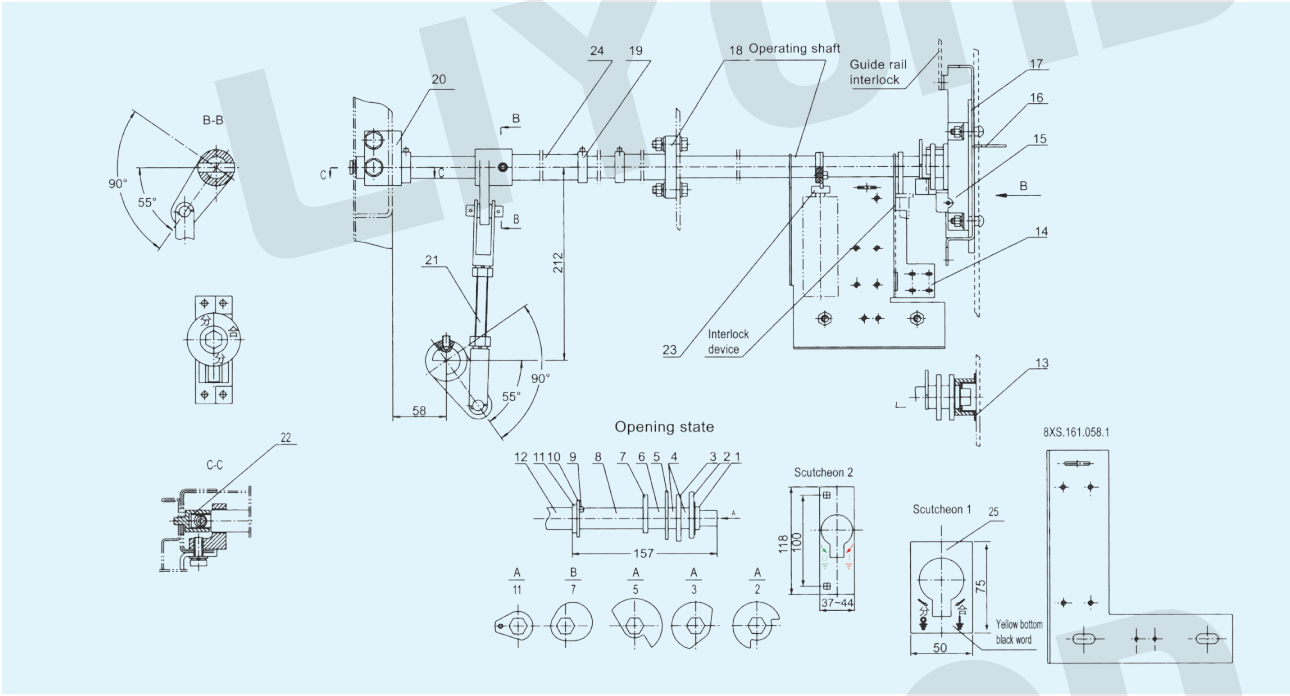
No.	Item	Code	Qty
1	Linking plate	5XS.174.010	1
2	Block card	DK-5	2
3	Bearing	8XS.263.010	2
4	Split baffle ring ϕ9	GB896-86	2
5	Bending plate	8XS.161.056	1
6	Bending plate	8XS.161.057	1
7	Pin shaft	8XS.206.010	1
8	Torsional spring	8XS.288.011	1
9	Washer ϕ8	GB97.1-85	2
10	Split baffle ring ϕ6	GB896-86	1
11	Baffle plate	8XS.174.014	1
		8XS.174.014.1(Option)	
12	Connecting lever	5XS.156.010	1
13	Elastic cylindrical pin 4*20	GB897-86	2
14	Shaft weld	5XS.200.010	1
15	Torsional spring	8XS.288.013	1
16	Elastic cylindrical pin 4*30	GB879-86	1
17	Torsional spring	8XS.288.014	1

LIYOND

SWITCHGEAR ACCESSORIES SERIES



Earthing switch operation mechanism interlock device (For arm drive operation) 5XS.363.010



Earthing switch operation mechanism interlock device (For arm drive operation) 5XS.363.010

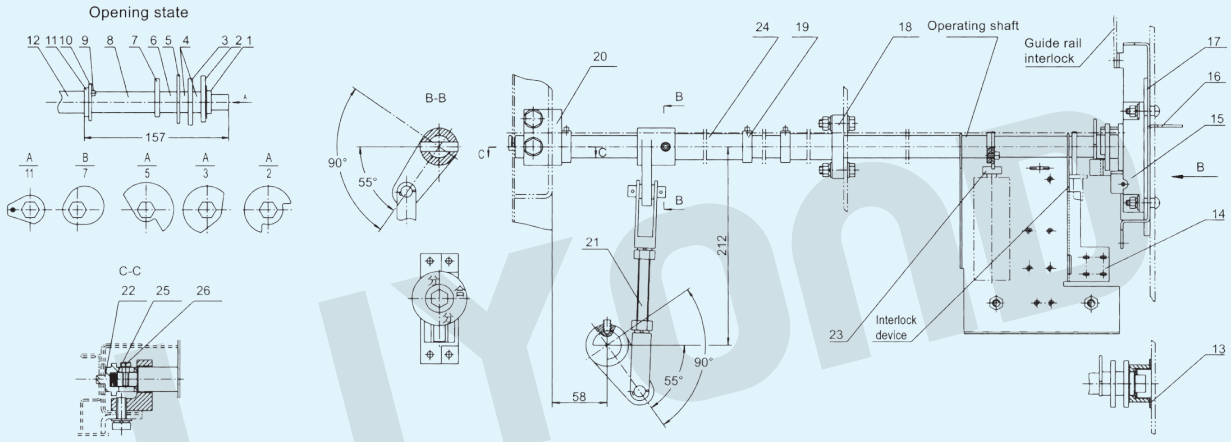
No.	Item	Code	Qty
1	Bearing	8XS.263.011	1
2	Sector plate	8XS.192.010	1
3	Sector plate	8XS.192.011	1
4	Shaft sleeve	8XS.210.014.1	2
5	Sector plate	8XS.151.041	1
6	Shaft sleeve	8XS.211.061	1
7	Sector plate	8XS.151.039	1
8	Shaft sleeve	8XS.211.062	1
9	Screw M5*12	GB70-85	1
10	Sector plate	8XS.151.042	1
11	Sector plate	8XS.151.043	1
12	Operating shaft	8XS.200.010.1 (L=1430 for 1500 depth cabinet)	1
		8XS.200.010.2 (L=1590 for 1660 depth cabinet)	1
13	Cover	8XS.017.011	1

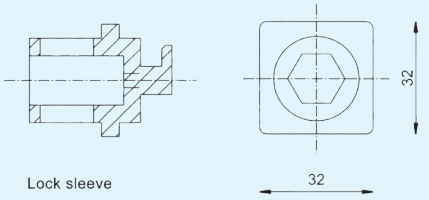
No.	Item	Code	Qty
14	Bending plate	8XS.161.058	1
		8XS.161.058.1(Option)	1
15	Support	8XS.043.022	1
16	Bending plate	8XS.161.059	1
17	Slide block	8XS.143.010	2
18	Shaft sleeve	8XS.211.058	1
19	Stop collar	8XS.211.057	3
20	Support	8XS.043.019	1
21	Connecting rod assembly	8XS.233.030.1	1
		8XS.233.030.3(Option)	1
22	Lock sleeve	8XS.211.059	1
23	Dentate flashboard	8XS.151.044	1
24	Shaft sleeve	8XS.211.060	2
25	Scutcheon	8XS.860.010	1

LIYOND

SWITCHGEAR ACCESSORIES SERIES

Earthing switch operation mechanism interlock device （For arm drive operation）5XS.363.010.1





Description

This interlock device increase reverse interlock of the backdoor based on 5XS.363.010.Open the back door after the earthing switch closed,the 5XS.363.010 can still operate earthing switch,but this interlock can't ,you must close the back door before operating earthing switch .

The working principle of this interlock device is change the No. 22 (Lock sleeve)such as the left drawing based on 5XS.363.010,and add spring .The lock sleeve enter the cabinet square hole (recommended size 35*35)when the back door open,the earthing switch can't operate.

Earthing switch operation mechanism interlock device （For arm drive operation）5XS.363.010.1

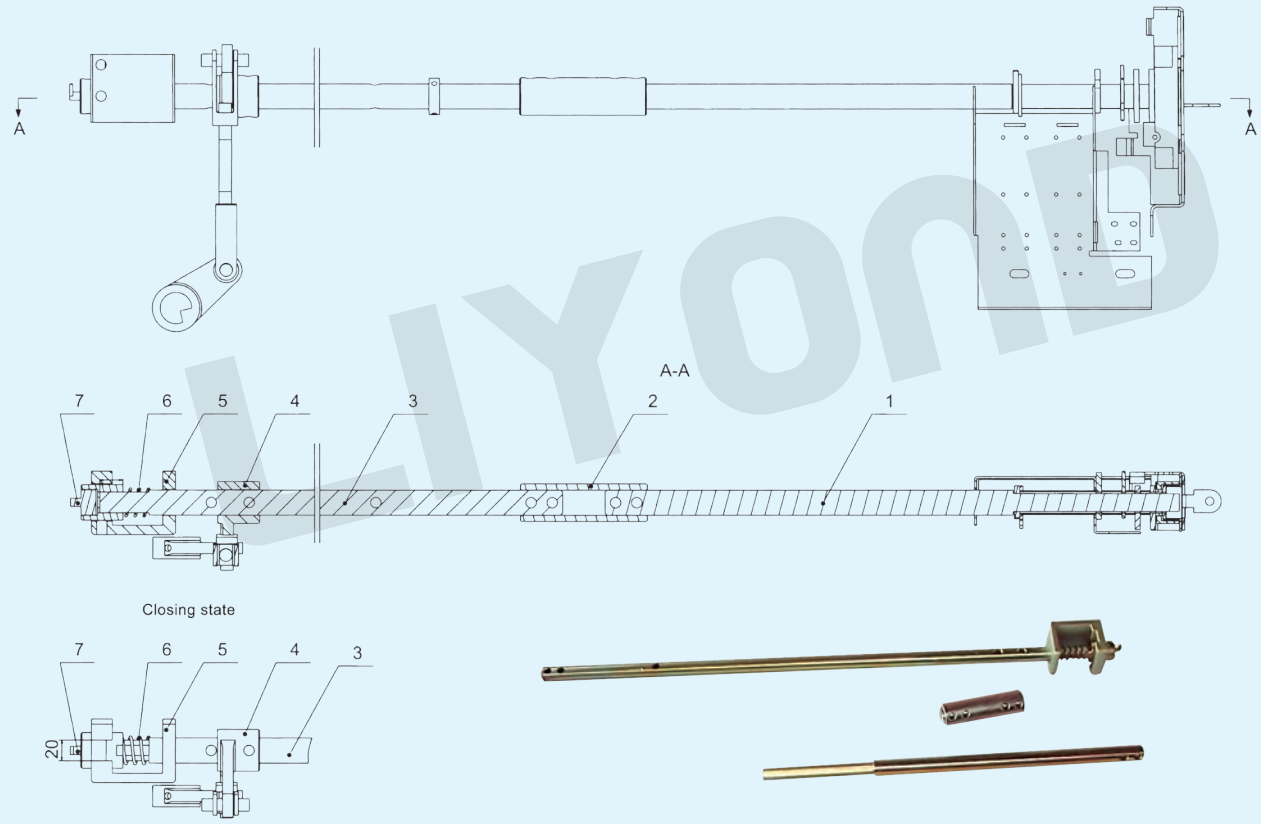
No.	Item	Code	Qty
1	Bearing	8XS.263.011	1
2	Sector plate	8XS.192.010	1
3	Sector plate	8XS.192.010	1
4	Shaft sleeve	8XS.210.014.1	2
5	Sector plate	8XS.151.041	1
6	Shaft sleeve	8XS.211.061	1
7	Sector plate	8XS.151.039	1
8	Shaft sleeve	8XS.211.062	1
9	Screw M5*12	GB70-85	1
10	Sector plate	8XS.151.042	1
11	Sector plate	8XS.151.043	1
12	Operating shaft	8XS.200.013.1 (L=1428 for 1500 depth cabinet)	1
		8XS.200.013.2 (L=1588 for 1660 depth cabinet)	1
13	Cover	8XS.017.011	1

No.	Item	Code	Qty
14	Bending plate	8XS.161.058	1
		8XS.161.058.1 （Option）	1
15	Support	8XS.043.022	1
16	Bending plate	8XS.161.059	1
17	Slide block	8XS.143.010	2
18	Shaft sleeve	8XS.211.058	1
19	Stop collar	8XS.211.057	3
20	Support	8XS.043.019	1
21	Connecting rod assembly	8XS.233.030.1	1
		8XS.233.030.3 （Option）	1
22	Lock sleeve	8XS.211.201	1
23	Dentate flashboard	8XS.151.044	1
24	Shaft sleeve	8XS.211.060	2
25	Pressure spring	8YF.282.201	1
26	Pin	8YF.993.050.1	1

LIYOND

SWITCHGEAR ACCESSORIES SERIES

Earthing switch operation mechanism interlock device （For arm drive operation） 5XS.363.010.3



Description

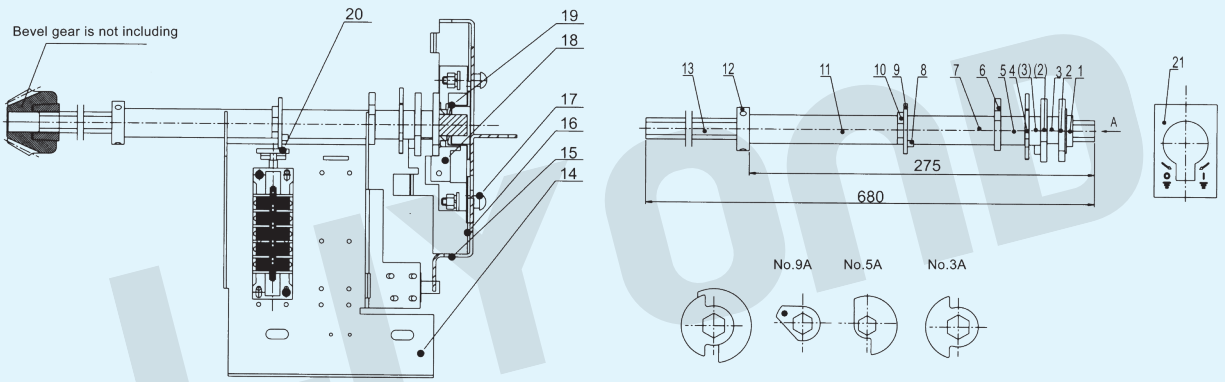
This interlock device improved based on 5XS.363.010 ,the user can realize the function of anti-lockout with no need to change any size of the cabinet (earthing switch can't operate when the back door open, the same as 5XS.363.010.1) .This interlock device is more reliable and strength than 5XS.363.010.1,it can maximize the reduction of damage to components when the staff operating error.If customers need the back door emergency unlock function,please remark.

No.	Item	Code	Qty	Remark
1	Front shaft	8YF.098.184	1	
2	Connecting sleeve	8YF.098.186	1	
3	Back shaft	8YF.098.185	1	L=841 for 1500 depth cabinet L=1001 for 1660 depth cabinet
4	Connecting rod assembly	5YF.223.030.1~3	1	
5	Interlocking support	5YF.098.160	1	
6	Pressure spring	8YF.099.141	1	
7	T shape lock sleeve	8YF.098.187	1	

LIYOND

SWITCHGEAR ACCESSORIES SERIES

Earthing switch operation mechanism interlock device （For bevel gear operation） 5XS.577.1001



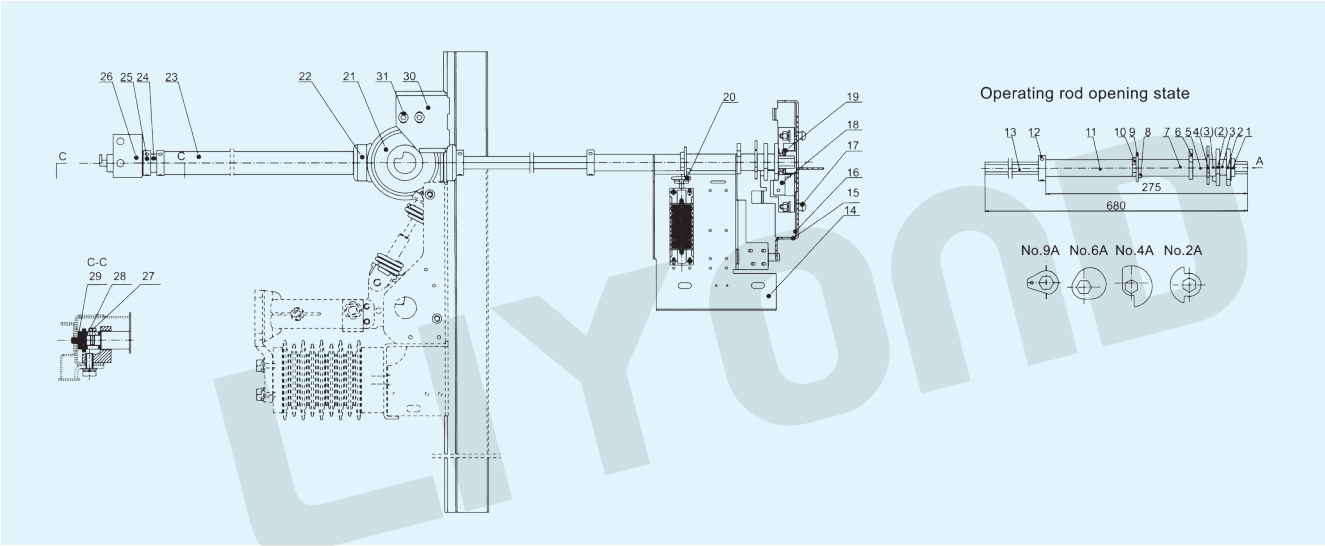
Earthing switch operation mechanism interlock device （For bevel gear operation） 5XS.577.1001

No.	Item	Code	Qty
1	Bearing	8XS.263.011	1
2	Limiting plate	8XS.151.084	2
3	Shaft sleeve	8XS.210.014.1	2
4	Sector plate	8XS.151.041	1
5	Shaft sleeve	8XS.210.061	1
6	Sector plate	8XS.151.039	1
7	Shaft sleeve	8XS.211.062	1
8	Screw M5*12	GB70-85	1
9	Sector plate	8XS.151.042	1
10	Sector plate	8XS.151.043	1
11	Shaft sleeve	8XS.210.014.3	1
12	Stop collar	8XS.210.322	1
13	Operating rod	8XS.174.214	1
14	Bending plate	8XS.161.058	1
15	Bending plate	8XS.161.059	1
16	Slide block	8XS.143.010	1
17	Carriage bolt M6*25	GB12-88	1
18	Support	5XS.043.022	2
19	Cover	8XS.017.011	1
20	Dentate flashboard	8XS.151.044	1
21	Scutcheon	8XS.860.010	1

LIYOND

SWITCHGEAR ACCESSORIES SERIES

Earthing switch operation mechanism interlock device (For bidirectional bevel gear operation) 5XS.577.1002 5XS.577.1002.1



Characteristic

Using bidirectional (whole tooth) bevel gear ,realize backdoor(closing board)interlock and has two forms:
a: 5XS.577.1002 is unidirectional interlock,has the same interlock function as 5XS.363.010.
b: 5XS.577.1002.1 is bidirectional interlock,has the same interlock function as 5XS.363.010.1.



5XS.245.002.1 Bevel gear

Earthing switch operation mechanism interlock device (For bidirectional bevel gear operation) 5XS.577.1002 5XS.577.1002.1

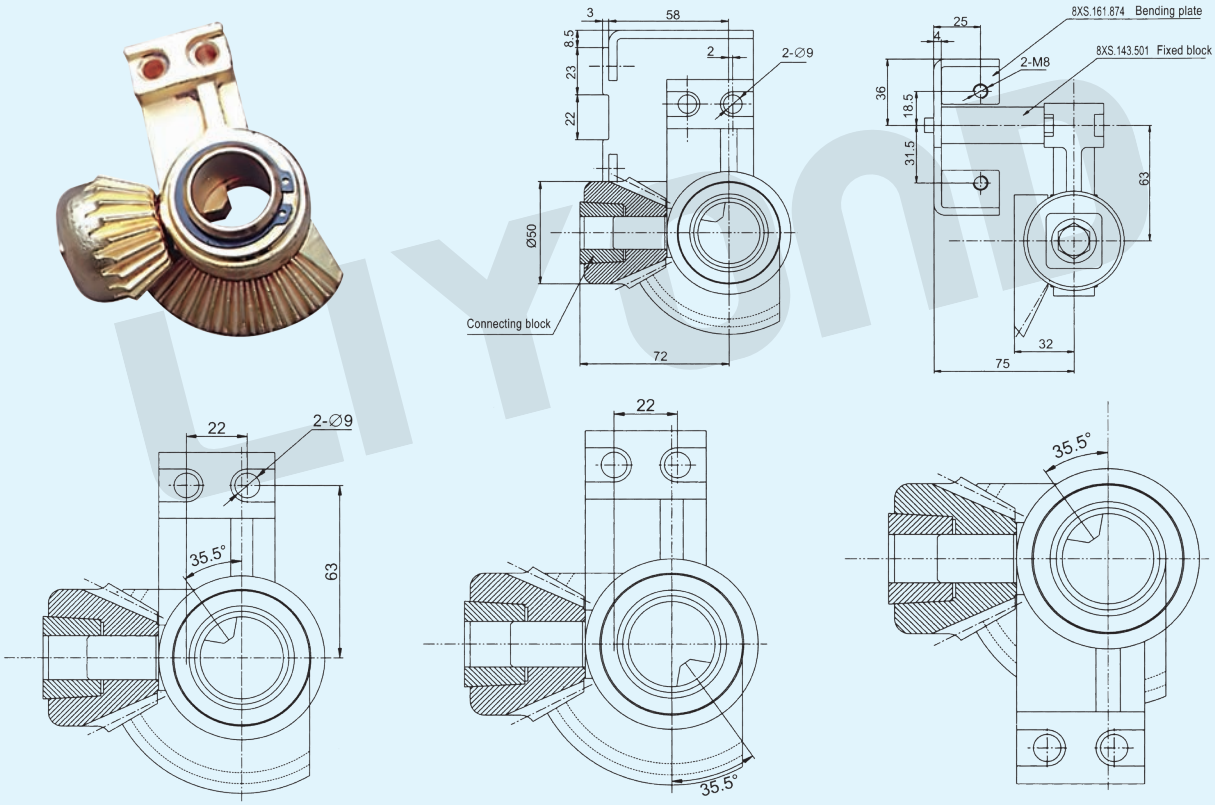
No.	Item	Code	Qty
1	Bearing	8XS.263.011	1
2	Limiting plate	8XS.151.084	2
3	Shaft sleeve	8XS.210.014.1	2
4	Sector plate	8XS.151.041	1
5	Shaft sleeve	8XS.210.061	1
6	Sector plate	8XS.151.039	1
7	Shaft sleeve	8XS.211.062	1
8	Screw M5*12	GB70-85	1
9	Sector plate	8XS.151.042	1
10	Sector plate	8XS.151.043	1
11	Shaft sleeve	8XS.210.014.3	1
12	Stop collar	8XS.210.322	1
13	Operating rod	8XS.174.214	1
14	Bending plate	8XS.161.058	1
15	Bending plate	8XS.161.059	1
16	Slide block	8XS.143.010	1
17	Carriage bolt M6*25	GB12-88	1
18	Support	5XS.043.022	2

No.	Item	Code	Qty
19	Cover	8XS.017.011	1
20	Dentate flashboard	8XS.151.044	1
21	Bevel gear assembly	8XS.245.002.1	1
22	Connecting block	8XS.143.108.2	1
23	Shaft sleeve	8XS.211.060	1
24	Operating shaft (for 5XS.577.1002)	8XS.200.011.1(for 1500 depth cabinet)	2
		8XS.200.011.2(for 1660 depth cabinet)	1
	Operating shaft (for 5XS.577.1002.1)	8XS.200.012.1(for 1500 depth cabinet)	
		8XS.200.012.2(for 1660 depth cabinet)	
25	Stop collar	8XS.211.057	2
26	Support	8XS.043.019	2
27	Pin	8YF.993.051.1	1
28	Pressure spring	8YF.282.201(for 5XS.577.1002.1)	1
29	Lock sleeve	8YF.211.059(for 5XS.577.1002)	1
		8YF.211.201(for 5XS.577.1002.1)	
30	Bending plate	8XS.161.874	1
31	Fixed block	8XS.143.501	1

LIYOND

SWITCHGEAR ACCESSORIES SERIES

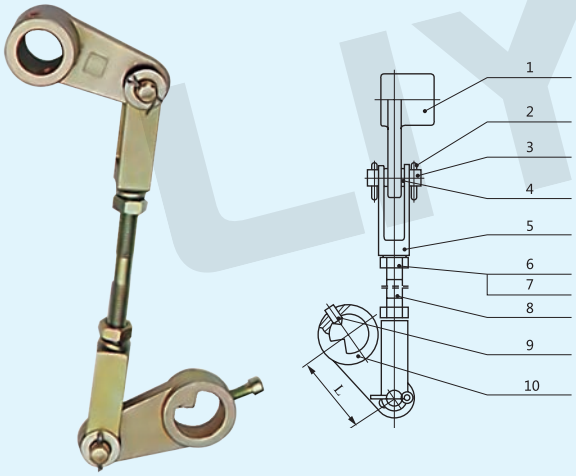
Bevel gear installation diagram



Bevel gear for 5XS.245.001.1 | Bevel gear for 5XS.245.001.2 | Bevel gear for 5XS.245.001.4

Note:Please specify model when ordering,bending plate 8XS.161.874 and fixed block 8XS.143.501 are optionally,not include in the bevel gear.

Connecting rod assembly 5XS.233.030.1~3



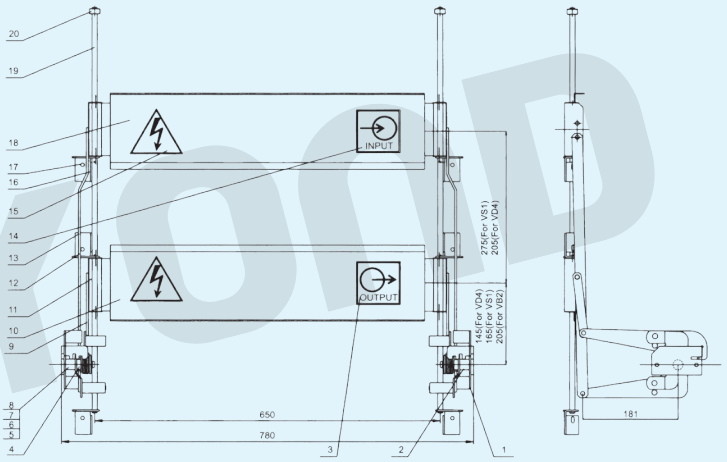
No.	Item	Code	Qty
1	Connecting lever	5XS.151.016	1
2	Split pin 4*20	GB91-86	4
3	Perforated pin 12*40	GB880-86	2
4	Washer	8XS.950.010	4
5	Support	8XS.257.010	2
6	Nut M12	GB170-86	2
7	Washer ϕ12	GB93-87	2
8	Stud M12*120	GB901-88	1
9	Screw M8*16	GB78-85	1
10	Connecting lever	5XS.151.017	1

LIYOND

SWITCHGEAR ACCESSORIES SERIES

Shutter mechanism （For 800mm width switchgear） 5XS.320.010





Shutter mechanism （For 800mm width switchgear） 5XS.320.010

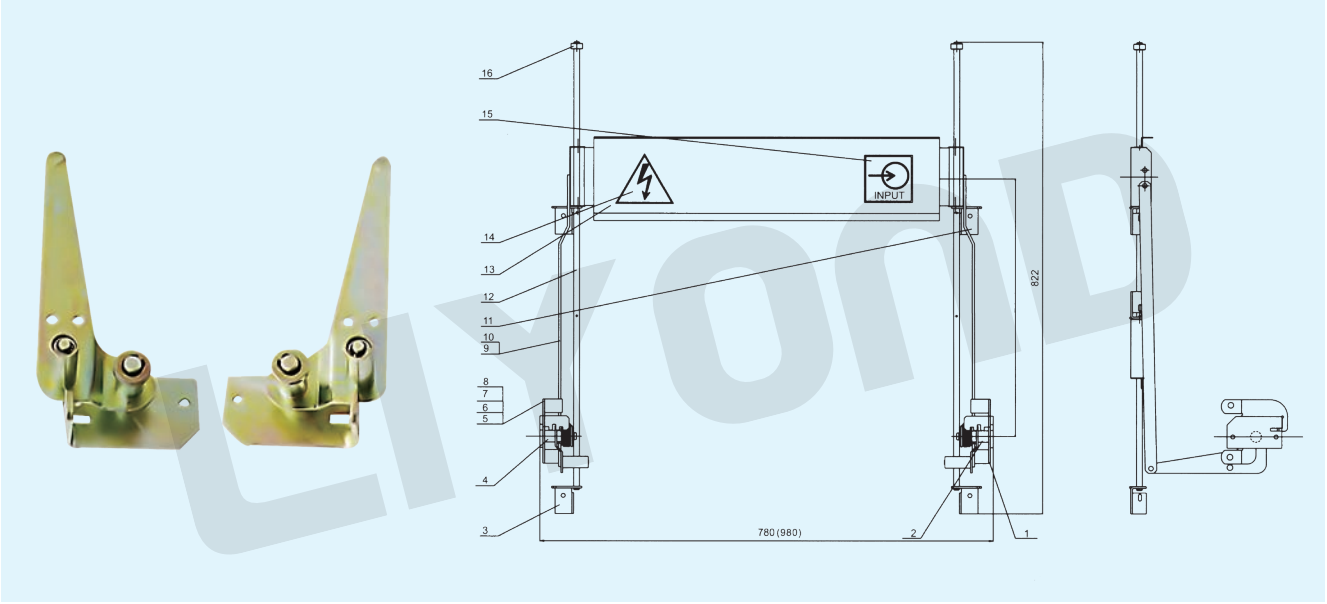
No.	Item	Code	Qty
1	Right support	8XS.123.011	1
2	Right linking plate	5XS.235.011	1
3	Sign	8XS.866.014	1
4	Left linking plate	5XS.235.010	1
5	WasherΦ6	GB97.1-85	16
6	Elastic washerΦ6	GB93-87	10
7	Bolt M6*12	GB5783-86	10
8	Left support	8XS.123.010	1
9	Linking plate welding	5XS.174.016.1（for VD4）	2
		5XS.174.016.2（for VS1）	
		5XS.174.016.3 （for VB2）	
10	Down shutter	8XS.320.010（800mm）	1
		8XS.320.010.1（650mm）	
		8XS.320.010.2（840mm）	
		8XS.320.010.3（900mm）	
		8XS.320.010.4（1000mm）	

No.	Item	Code	Qty
11	Block card	DK-8	8
12	Support plate	8XS.123.013	3
13	Linking plate welding	5XS.174.015.1 （for VD4）	2
		5XS.174.015.2 （for VS1）	
		5XS.174.015.3 （for VB2）	
14	Sign	8XS.866.012	1
15	Sign	8XS.866.013	2
16	Support plate	8XS.123.012	3
17	Nut M6	GB6170-86	6
18	Upper shutter	8XS.320.011（800mm）	1
		8XS.320.011.1（650mm）	
		8XS.320.011.2（840mm）	
		8XS.320.011.3（900mm）	
		8XS.320.011.4（1000mm）	
19	Guide rod	8XS.234.011（for VD4.VS1）	2
		8XS.234.011.1（for VB2）	
20	Stop collar	8XS.210.011	2

LIYOND

SWITCHGEAR ACCESSORIES SERIES

Upper shutter mechanism 5XS.320.012 5XS.320.012.1 (For 800mm 1000mm width switchgear)



Upper shutter mechanism 5XS.320.012 5XS.320.012.1 (For 800mm 1000mm width switchgear)

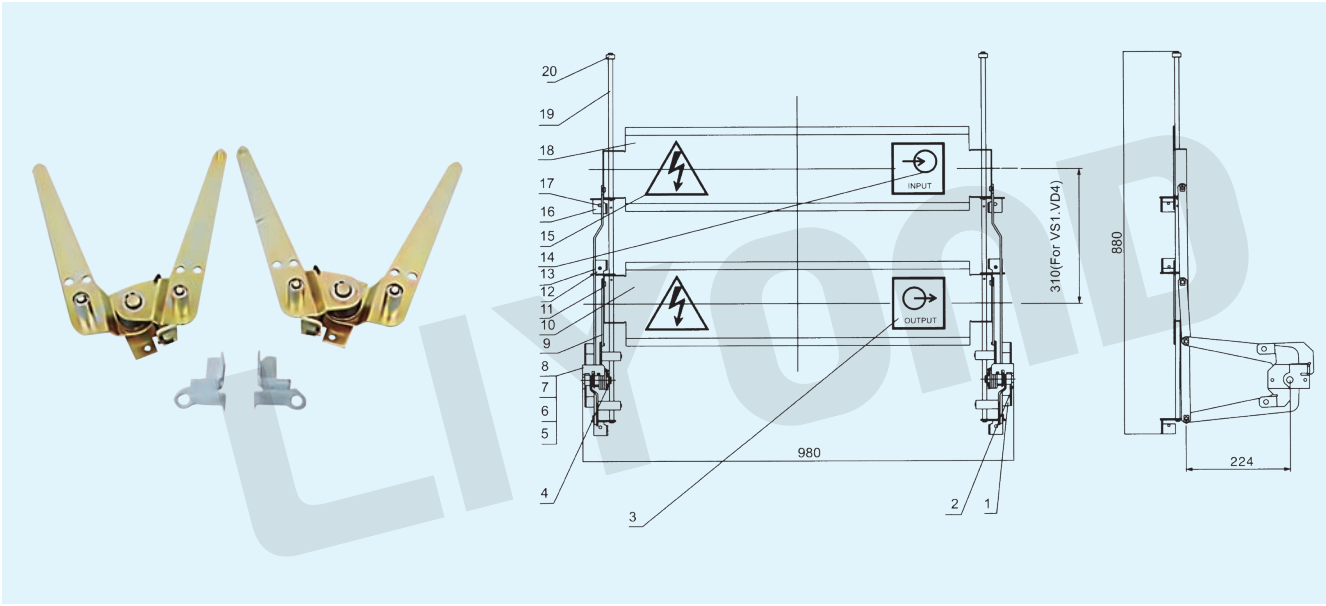
No.	Item	Code	Qty
1	Right support	8XS.123.011	1
2	Down linking plate(right)	5XS.174.004	1
3	Support plate	8XS.123.012	2
4	Down linking plate(left)	5XS.174.003	1
5	Washer ϕ6	GB97.1-85	14
6	Washer ϕ6	GB93-87	8
7	Bolt M6*12	GB5783-86	8
8	Left support	8XS.123.011	1
9	Block card	DK-8	4

No.	Itme	Code	Qty
10	Linking plate welding	5XS.174.015.1 (H=535, VD4、31.5KA)	2
		5XS.174.015.2 (H=465, the same as VD4、31.5KA)	
		5XS.174.015.3 (H=555，the same as VS1)	
11	Support plate	8XS.123.013	2
12	Guide rod	8XS.234.011	2
13	Upper shutter	8XS.320.011 (for 800mm depth cabinet)	1
		8XS.320.011.5 (for 1000mm depth cabinet)	
14	Sign	8XS.886.013	1
15	Sign	8XS.886.012	1
16	Stop collar	8XS.210.011	2

LIYOND

SWITCHGEAR ACCESSORIES SERIES

Shutter mechanism 5XS.320.011 (For 1000mm width switchgear)



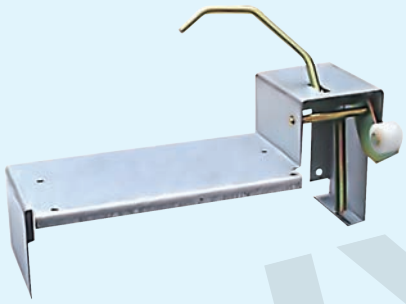
Shutter mechanism 5XS.320.011 (For 1000mm width switchgear)

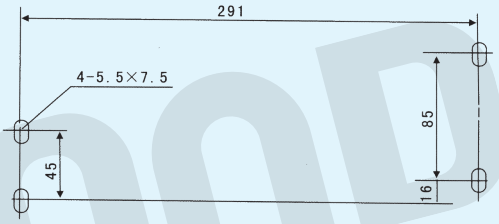
No.	Item	Code	Qty
1	Right support	8XS.123.276	1
2	Right linking plate	5XS.235.012	1
3	Sign	8XS.866.014	1
4	Left linking plate	5XS.235.013	1
5	Washer φ6	GB97.1-85	16
6	Elastic washer φ6	GB93-87	10
7	Bolt M6*12	GB5783-86	10
8	Left support	8XS.13.275	1
9	Linking plate welding	5XS.174.281	2
10	Down shutter	5XS.320.273	1
		8XS.320.273.1(shorten 200 mm)	
		8XS.320.273.2(1000 insulation)	

No.	Item	Code	Qty
11	Block card	DK-10	8
12	Support plate	8XS.123.278	3
13	Linking plate welding	5XS.174.282	2
14	Sign	5XS.866.012	1
15	Sign	5XS.866.013	2
16	Support plate	5XS.123.277	3
17	Nut M6	GB6170-86	6
18	Upper shutter	8XS.320.274	1
		8XS.320.274.1 (shorten 200 mm)	
		8XS.320.274.2 (1000 insulation)	
19	Guide rod	8XS.234.272	2
20	Stop collar	8XS.210.011	2

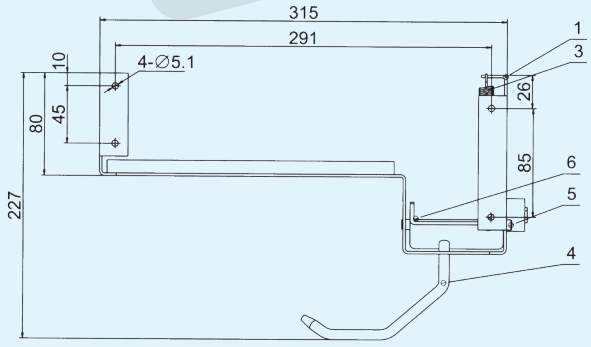
LIYOND SWITCHGEAR ACCESSORIES SERIES

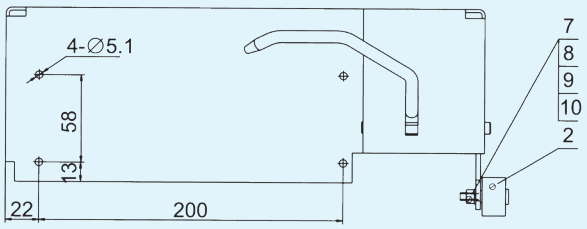
Secondary socket interlock mechanism 5XS.573.010





Secondary socket interlock mechanism 5XS.573.010





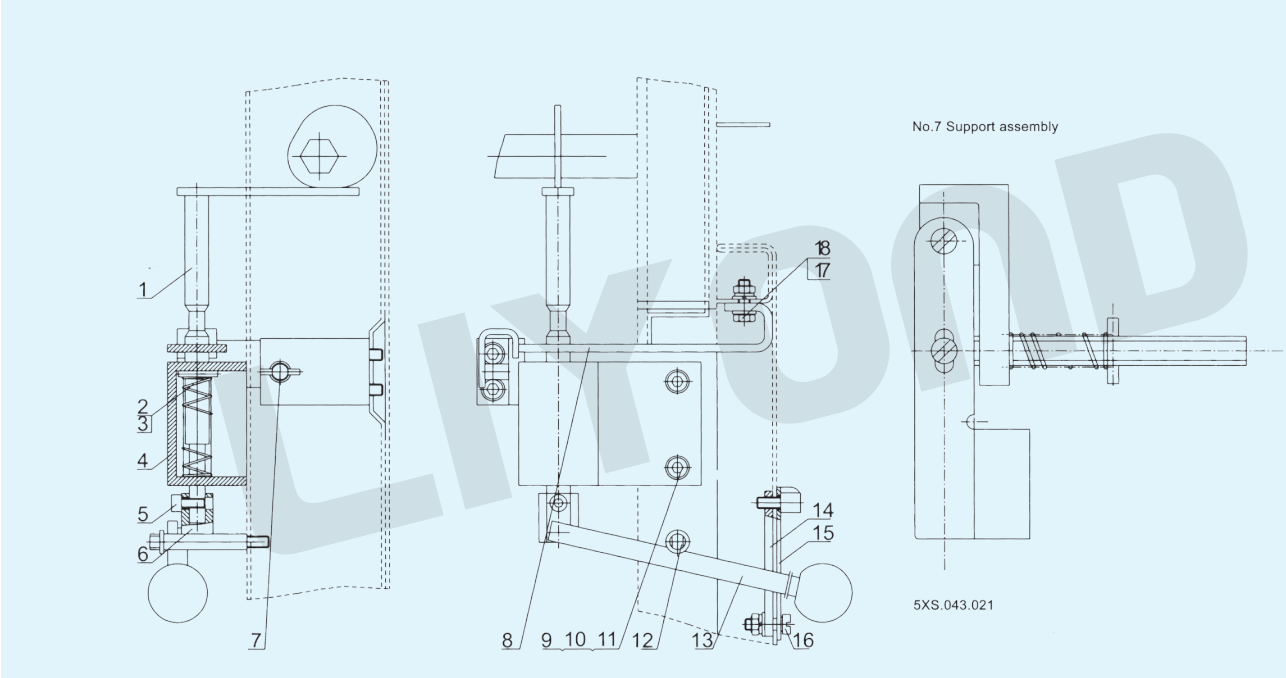
Shutter mechanism 5XS.320.010 (For 800mm width switchgear)

No.	Item	Code	Qty
1	Support	8XS.043.017.1 ~4	1
2	Roller	8XS.224.021	1
3	Tension spring	8XS.288.015	1
4	Interlock rod welding	5XS.174.017	1
5	Shaft	8XS.200.020	1
6	Split baffle ring ϕ6	GBB96-858	2
7	Screw	8XS.900.010	1
8	Nut M5	GB6170-86	1
9	Washer ϕ5	GB93-87	1
10	Washer ϕ5	GB97.1-85	1

Item	Code	H	Remark
Support	8XS.043.017.1	136	Suitable for ≤ 1250A VD4 circuit breaker
	8XS.043.017.2	116	Suitable for VS1 circuit breaker
	8XS.043.017.3	126	Suitable for 1600A-2500A VD4 circuit breaker
	8XS.043.017.4	80	Suitable for 3150A VD4 circuit breaker

LIYOND SWITCHGEAR ACCESSORIES SERIES

Interlock mechanism 5XS.239.010



Characteristic

This mechanism after improved,earthing switch can't be opened when the backdoor is unlocked and handcart can not enter the working position . You must firstly shut the door and make the earthing switch opening ,then the handcart enter the work position from the test position to ensure personal safety .

Interlock mechanism 5XS.239.010

No.7



No.8



No.13



No.1

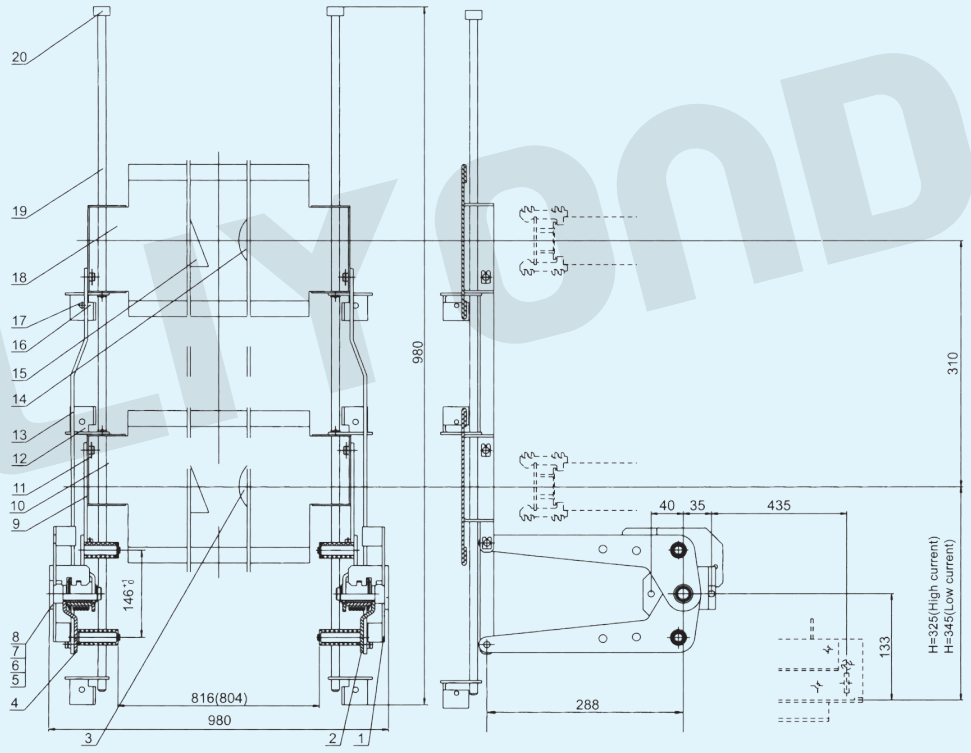


No.	Item	Code	Qty
1	Pin shaft welding	5XS.234.013	1
2	Pressure spring	8XS.282.021	1
3	Pin ϕ3*20	GB79-86	2
4	Support	8XS.043.020	1
5	Screw M5*12	GB70-85	1
6	Cap	8XS.017.010	1
7	Support assembly	5XS.043.021	1
8	Tongue	8XS.060.012	1
9	Screw M6*20	GB70-85	3
10	Washer ϕ6	GB93-87	5
11	Washer ϕ6	GB97.1-85	7
12	Pin	8XS.200.015	1
13	Handle	5XS.253.010	1
14	Base plate	8XS.156.011	1
15	Bending plate	8XS.161.055	1
16	Pin	8XS.933.051	2
17	Screw M6*20	GB5783-85	2
18	Nut M6	GB6170-86	2

LIYOND

SWITCHGEAR ACCESSORIES SERIES

Shutter mechanism (For 1000mm width switchgear) 5XS.320.011-24



Note:If you need 804,please specify,the conventional is 816.

Shutter mechanism (For 1000mm width switchgear) 5XS.320.011-24

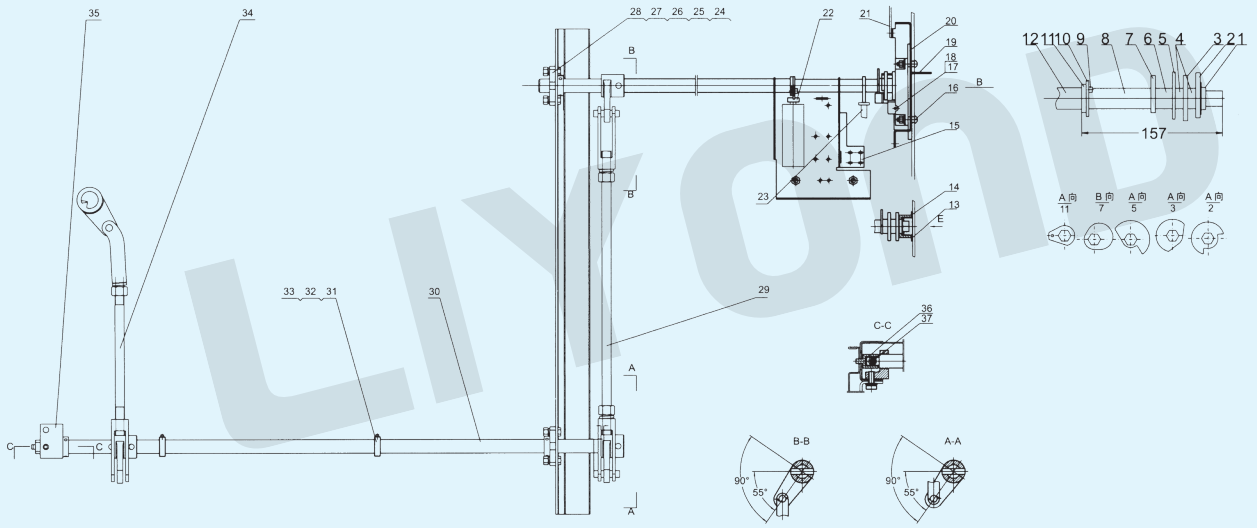
No.	Item	Code	Qty
1	Right support	8XS.123,276	1
2	Right linking plate	8YF.088.061	1
3	Sign	8YF.088.063	1
4	Left linking plate	8XS.866.014	1
5	WasherΦ6	GB97.1 - 85	16
6	Elastic washerΦ6	GB93 - 87	10
7	Bolt M6*12	GB5783-86	10
8	Left support	8XS.123.275	1
9	Linking plate welding	8YF.008.072	2
10	Down shutter	8XS.320.273	1
		8XS.320.273.2 (1000mm)	

No.	Item	Code	Qty
11	Block card	DK-10	8
12	Support plate	8XS.123.278	3
13	Linking plate weld	8YF.008.071	2
14	Sign	8XS.866.012	1
15	Sign	8XS.866,013	2
16	Support plate	8XS.123.277	3
17	Nut M6	GB6170 - 86	6
18	Upper shutter	8XS.320.274	1
		8XS.320.274.2 (1000mm)	
19	Guide rod	8YF.008.073	2
20	Stop collar	8XS.210.011	2

LIYOND

SWITCHGEAR ACCESSORIES SERIES

Earthing switch operation mechanism interlock device (For arm drive operation) 5XS.363.010-241/242



Earthing switch operation mechanism interlock device (For arm drive operation) 5XS.363.010-241/242

No.	Item	Code	Qty
1	Bearing	8XS.263.011	1
2	Sector plate	8XS.192.010	1
3	Sector plate	8XS.192.011	2
4	Shaft sleeve	8XS.210.014.1	2
5	Sector plate	8XS.151.041	4
6	Shaft sleeve	8XS.211.061	4
7	Sector plate	8XS.151.039	1
8	Shaft sleeve	8XS.211.062	2
9	Screw M5*12	GB70 -85	1
10	Sector plate	8XS.151.042	1
11	Sector plate	8XS.151.043	1
12	Front operating shaft (L=870)	8YF.008.800	1
	Front operating shaft (L=960)	8YF.008.800.1	1
13	Cover	8XS.017.011	1
14	Support	8XS.043.022	1
15	Bending plate	8XS.161.058	1
16	Carriage bolt M6*30	GB12-86	2
17	Baffle plate	8XS.143.011	1
18	Pin 4*20	GB879-86	1

No.	Item	Code	Qty
19	Bending plate	8XS.151.059	1
20	Slide block	8XS.143.010	2
21	Guide interlocking	5XS.363.011	1
22	Dentate flashboard	8XS.151.044	1
23	Interlock mechanism	5XS.239.010	1
24	Shaft sleeve	8XS.211.058	1
25	Bolt M8*25	GB5783-86	2
26	Washer ϕ8	GB97.1-85	4
27	Washer ϕ8	GB93-87	2
28	Nut M8	GB170-86	2
29	Connecting rod assembly	8YF.008.882	1
30	Back operating shaft	8YF.008.881	1
31	Stop collar	8XS.211.057	3
32	Hexagonal screw M5*10	GB78-85	3
33	Shaft sleeve	8XS.211.060	2
34	Connecting rod assembly	86F.008.883	1
35	Support	8XS.043.019	1
36	Lock sleeve	8XS.211.059	1
37	Hexagonal screw M6*16	GB70-858	1

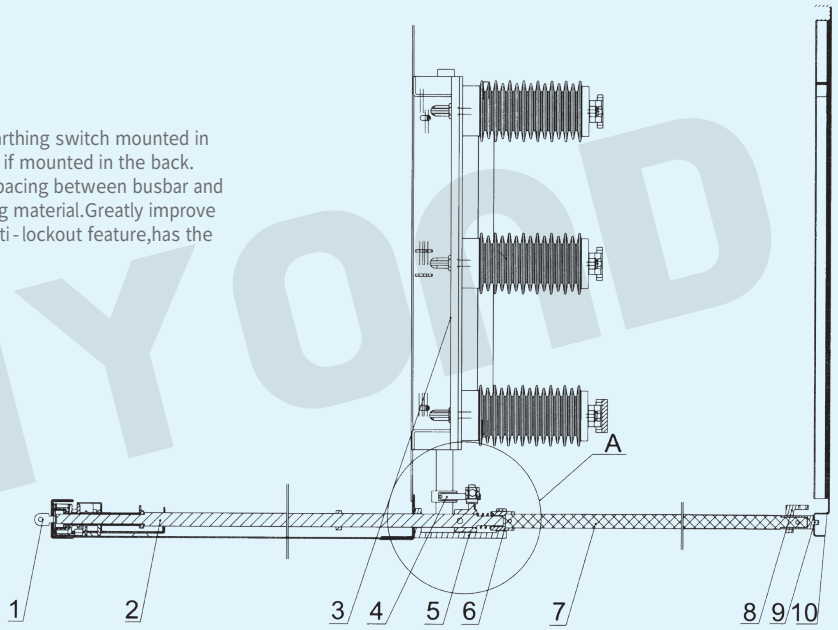
LIYOND

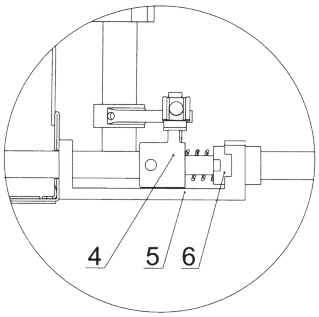
SWITCHGEAR ACCESSORIES SERIES

24KV Earthing interlock 5XS.363.010-243

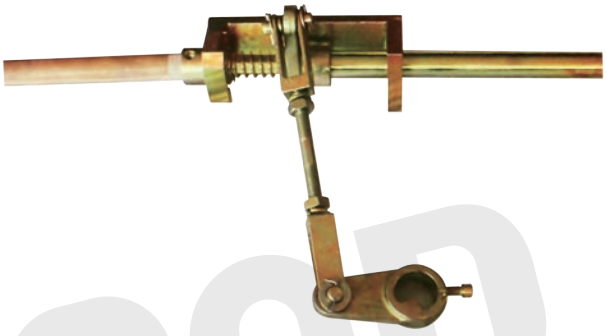
Description

This scheme just applicable when the earthing switch mounted in the center.Pls choose 5XS.363.010-241/242 if mounted in the back. There's no need to consider the grounding spacing between busbar and operating rod as the backshaft used insulating material.Greatly improve the reliability and security.It has backdoor anti-lockout feature,has the same strength with 5XS.363.010.3.





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2:1

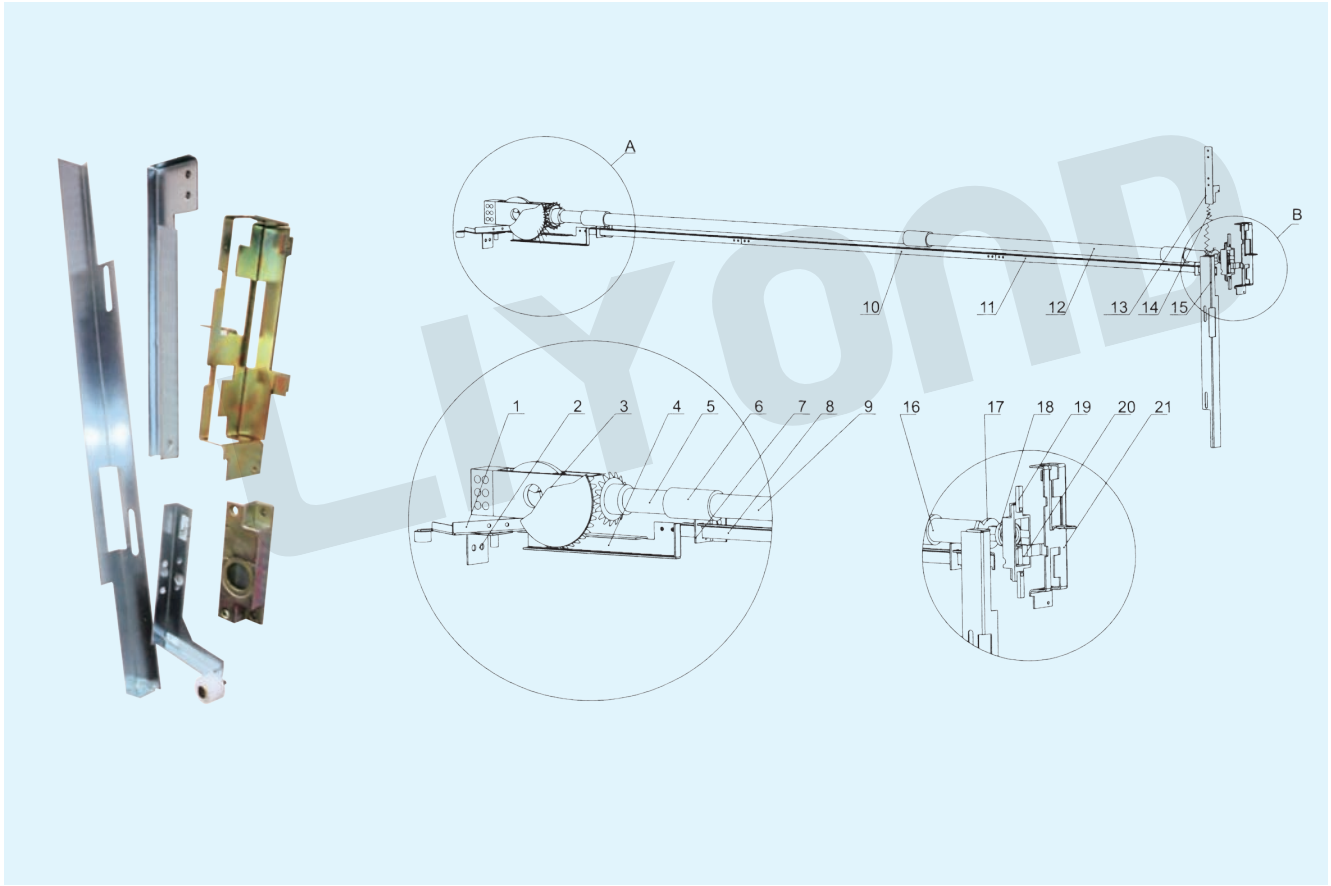


No.	Item	Code	Qty	备注
1	Bending plate	8XS.161.059	1	
2	Operating shaft	9YF.009.424	1	
3	Earthing switch	JN15-24/31.5-275	1	
4	Connecting rod assembly	5XS.223.030.1~3	1	
5	Connecting block welding	5YF.009.420	1	
6	Retainer	9YF.009.423	1	
7	Insulating axle	8YF.091.100.1	1	
8	Support	5YF.043.022	1	
9	Lengthen lock sleeve	8YF.211.059.1	1	
10	Backdoor		1	

LIYOND

SWITCHGEAR ACCESSORIES SERIES

KYN61 Earthing interlock (Linkage type) installation diagram



KYN61 Earthing interlock (Linkage type)

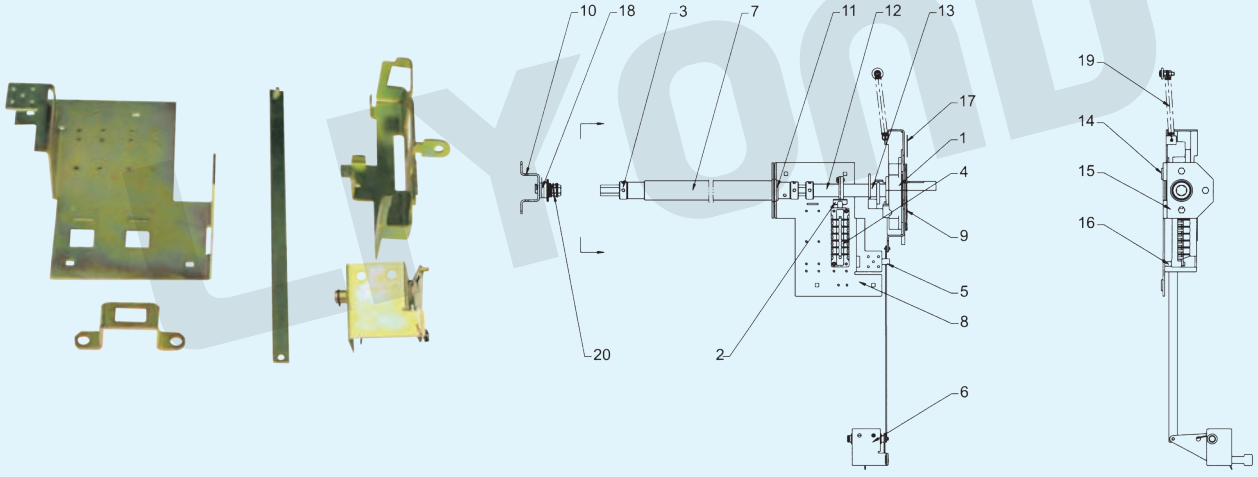
No.	Item	Code	Qty
1	Bending plate assembly		1
2	Back support	9YF.007.083	1
3	Bevel gear assembly		1
4	Bending plate	9YF.007.055	1
5	Connecting shaft		1
6	Connecting sleeve	9YF.007.076	3
7	Guide bending plate	9YF.007.077	2
8	Bending plate	9YF.007.079	1
9	Operating shaft	9YF.007.071	1
10	Connecting strip	9YF.007.082	1
11	Retainer bending plate	9YF.007.081	1

No.	Item	Code	Qty
12	Operating shaft	9YF.008.072	1
13	Bending plate	9YF.007.052	1
14	Tension spring	8XS.288.016	3
15	Bending plate	9YF.007.056	1
16	Operating shaft	9YF.010.075	1
17	Sector plate	9YF.007.050	1
18	Plain washer	9YF.007.073	1
19	Slide block	8XS.143.010.1	2
20	Aluminum support	8XS.043.022.35	1
21	Bending plate	8XS.161.059.35	1

LIYOND

SWITCHGEAR ACCESSORIES SERIES

KYN61C Earthing interlock installation diagram



KYN61C Earthing interlock

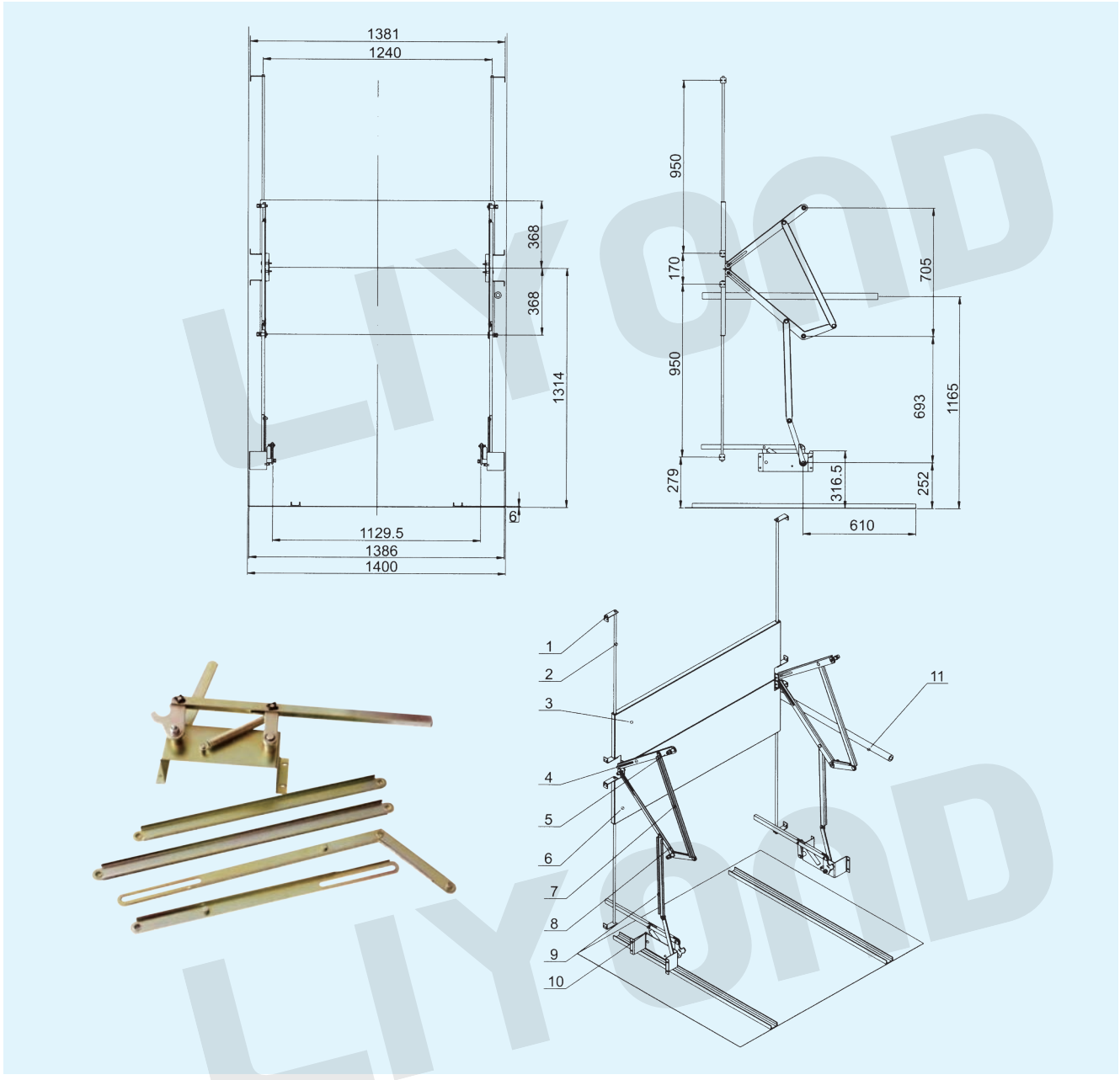
No.	Item	Code	Qty
1	Interlock module	5XS-363-010	1
2	Dentate flashboard	8XS -151 - 044	1
3	Stop collar	8XS-211-063	3
4	Travel switch(Push-on type)	GDF-5Y-H	1
5	Latching electromagnet	MV-BSDT	1
6	Earthing and handcart interlock device	YF-050-34203	1
7	Earthing switch shaft assembly	YF-050-44217B	1
8	Bending plate	YF-055-34111	1
9	Plate	YF-055-41115	1
10	Lock catch	YF-055-44119	1

No.	Item	Code	Qty
11	Shaft sleeve	YF-055-44125	1
12	Sleeve	YF-055-44126	2
13	Sleeve	YF-055-44126B	2
14	Washer	YF-055-44127	5
15	Platen	YF-055-44129	1
16	Sleeve	YF-055-44147	2
17	Adhesive sticker	YF-055-44159	1
18	Interlock block	YF-055-44164	1
19	Tension spring	YF-055-44191	1
20	Pressure spring	YF-055-44197	1

LIYOND

SWITCHGEAR ACCESSORIES SERIES

KYN61 Shutter mechanism (Linkage type)



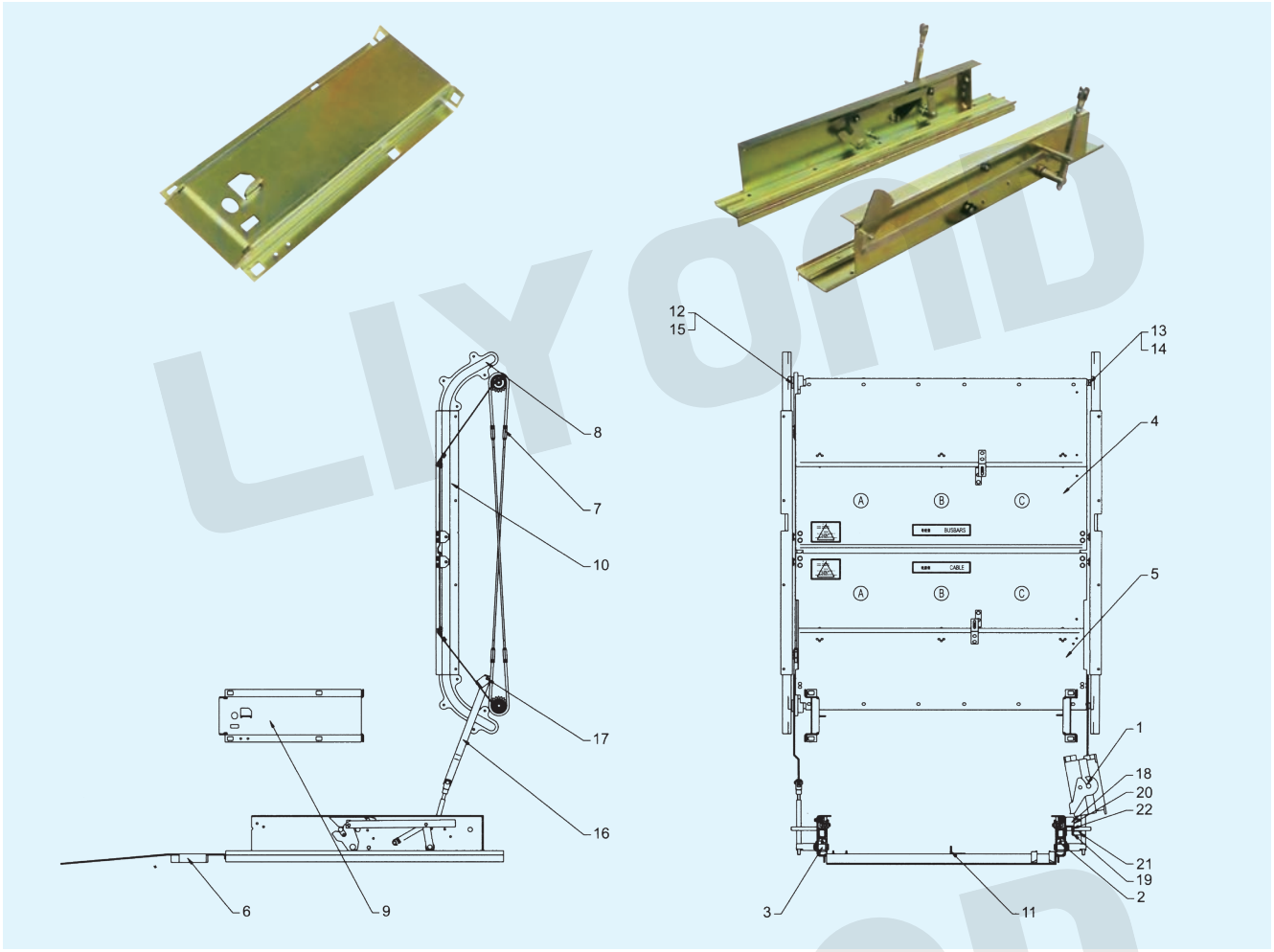
No.	Item	Code	Qty
1	Support plate	8YF091.069	8
2	Guide rod	8YF.091.016.1	4
3	Upper shutter plate	8YF.091.070	1
4	Upper shutter push rod welding	8YF091.015	2
5	Push rod fixed shaft	8YF.091.065	4
6	Down shutter	8YF091.070.1	1

No.	Item	Code	Qty
7	Upper connecting rod welding	8YF.091.007	2
8	Down shutter push rod welding	8YF.091.014	2
9	Down connecting rod welding	8YF.091.006	2
10	Mounting plate assembly	8YF.091.002	2
11	Earthing interlock operating shaft		

LIYOND

SWITCHGEAR ACCESSORIES SERIES

KYN61C Shutter mechanism



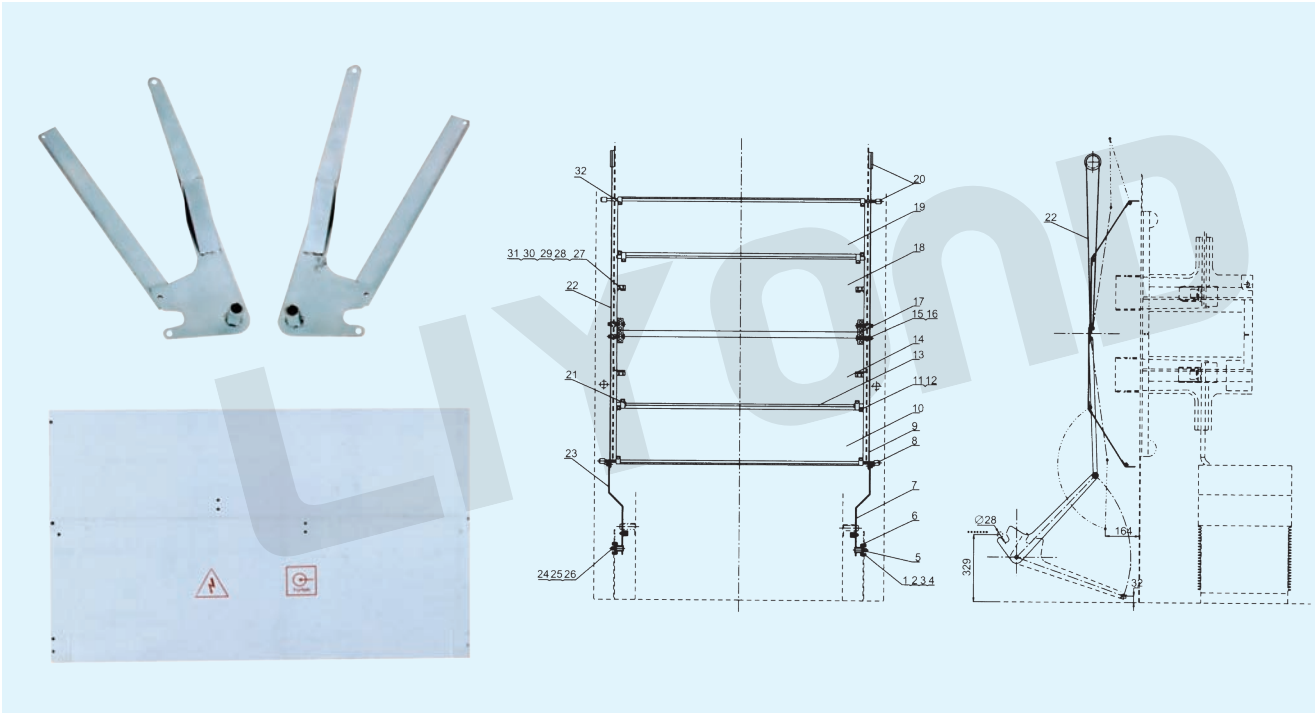
No.	Item	Code	Qty	Remark
1	VD4 Aviation socket	Cz58	1	
2	Guide rail assembly	YF-050-34202	1	
3	Guide rail assembly	YF-050-34202DC	1	
4	Upper shutter assembly	YF-050-3420210	1	
5	Down shutter assembly	YF-050-34211	1	
6	Guide rail welding	YF-050-34230	1	
7	Chain assembly	YF-050-34230	1	
8	Guide slot	YF-055-34102	4	Positive & Negative
9	Locking plate	YF-055-34103	2	
10	Guide slot	YF-055-34110	1	
11	Earthing busbar	YF-055-44153	1	Customer supplied

No.	Item	Code	Qty	Remark
12	Shaft sleeve	YF-055-44179	2	
13	Copper sleeve	YF-055-44180	2	
14	Pin	YF-055-44181	2	
15	Pin	YF-055-44182	2	
16	Connecting rod	YF-055-44183	2	
17	Pin	YF-055-44184	2	
18	Lock plate	YF-055-44185	1	
19	Connecting rod	YF-055-44186	1	
20	Sleeve	YF-055-44187	1	
21	Sleeve	YF-055-44188	1	
22	Washer	YF-055-44189	2	

LIYOND

SWITCHGEAR ACCESSORIES SERIES

KYN61 Shutter mechanism (Steel cable type)



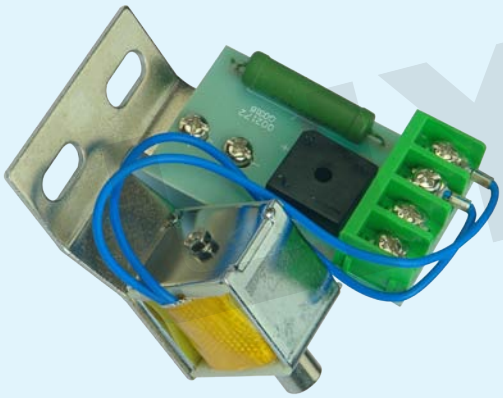
KYN61 Shutter mechanism (Steel cable type)

No.	Item	Code	Qty	Remark
1	Bolt M8*26	GB5780-86	4	D.Zn
2	Nut M8	GB41-86	10	D.Zn
3	Washer ϕ8	GB95-85	10	D.Zn
4	Spring	GB93-87	10	D.Zn
5	Washer ϕ8	4XG.1P5-1K	2	
6	Shaft	4XG.1P5-2K	2	
7	Shaft seat	3XG.1P5.Q16K	2	
8	Big connecting rod assembly (Right)	4XG.1P5-3K	2	
9	Screw	4XG.1P5-14K	2	
10	Small connecting rod	4XG.1P5-4K	2	
11	Shutter plate 1	4XG.1P5-5K	4	D.Zn
12	Flap 1	GB871-86	20	
13	Rivet M8*10	4XG.1P5-6K	2	
14	Rod	3XG.1P5-7K	1	
15	Shutter plate 2	4XG.1P5-8K	2	
16	Roller	4XG.1P5-9K	2	

No.	Item	Code	Qty	Remark
17	Screw	4XG.1P5-10K	4	
18	Flap 2	3XG.1P5-11K	1	D.Zn
19	Shutter plate 3	3XG.1P5-12K	1	Outsourcing
20	Shutter plate 4	3XG.1P5.Q18K	2	
21	Shutter shaft and pulley assembly	GB 894-86	4	D.Zn
22	Elasticity collar ϕ10		2	D.Zn
23	Steel cable ϕ1.6	3XG.1P5.Q19K	1	D.Zn
24	Big connecting rod assembly (Left)	GB41-86	2	
25	Nut M10	GB95-85	2	D.Zn
26	Washer ϕ10	GB93-87	2	D.Zn
27	Spring washer ϕ10 Lock plate	4XG.1P5-13K	4	D.Zn
28	Bolt M5*10	GB5780-86	8	D.Zn
29	Nut M5	GB41-86	8	D.Zn
30	Washer ϕ5	GB95-85	8	
31	Spring washer ϕ5	GB93-87	8	
32	Spring washer ϕ5	GB67-85	8	

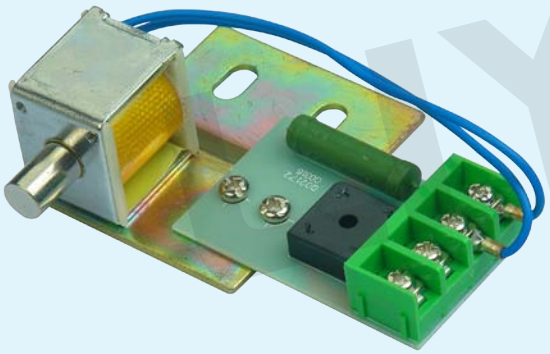
LIYOND LATCHING ELECTROMAGNET SERIES

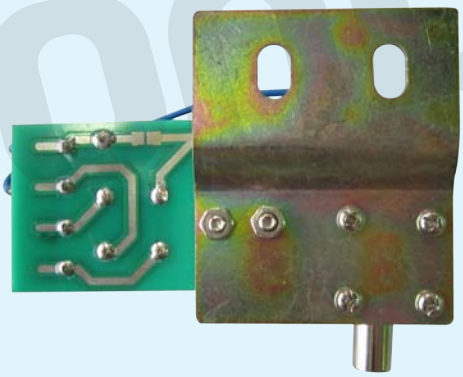
Model No.:LYD101
Name:Latching electromagnet





Model No.:LYD102
Name:Latching electromagnet

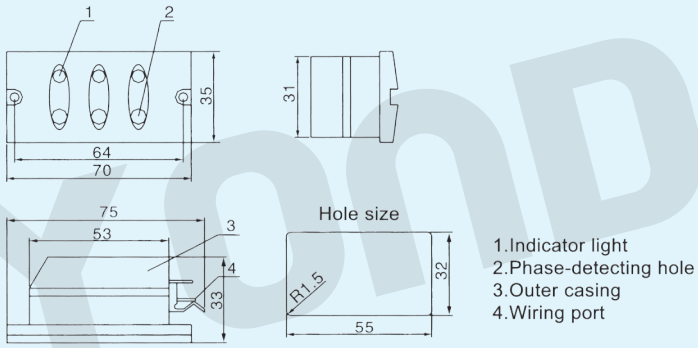




LIYOND CHARGED DISPLAY DEVICE SERIES

Model No.:LYD103
Name:Charged display device

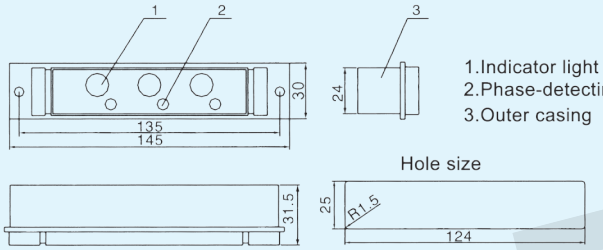




1.Indicator light
2.Phase-detecting hole
3.Outer casing
4.Wiring port

Model No.:LYD104
Name:Charged display device

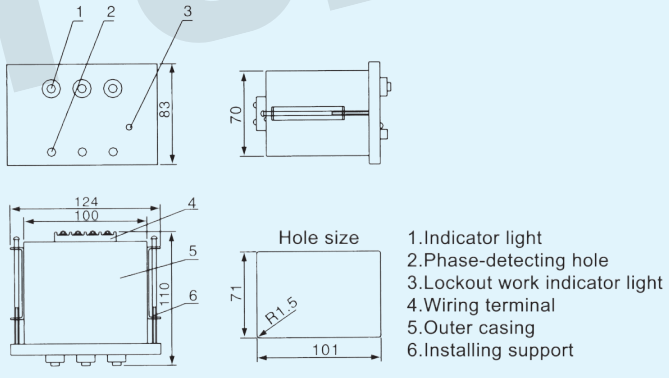




1.Indicator light
2.Phase-detecting hole
3.Outer casing

Model No.:LYD105
Name:Charged display device



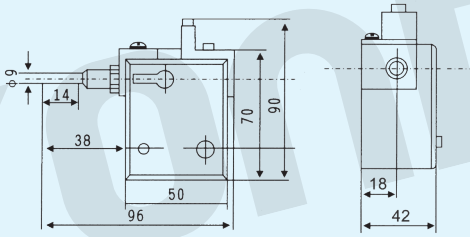


1.Indicator light
2.Phase-detecting hole
3.Lockout work indicator light
4.Wiring terminal
5.Outer casing
6.Installing support

LIYOND INDOOR ELECTROMAGNETIC LOCK SERIES

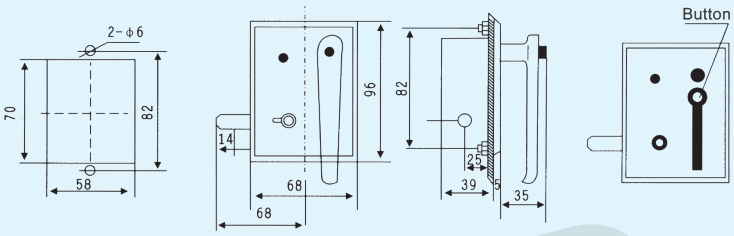
Model No.:DSN-IY
Name:Indoor electromagnetic lock





Model No.:DSN-BMZ
Name:Indoor electromagnetic lock

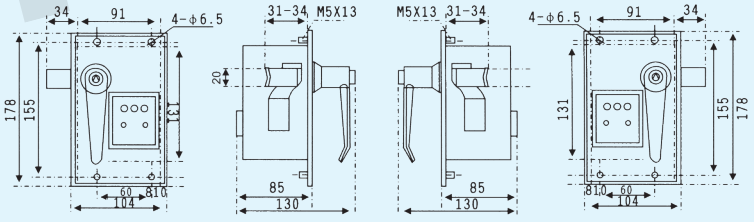




Size of cabinet door B.Handle type A.Button type

Model No.:DSN-DM/Y
Name:Indoor electromagnetic lock



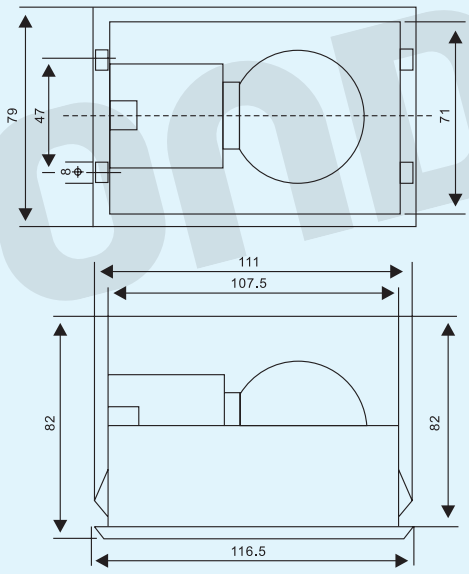


LIYOND

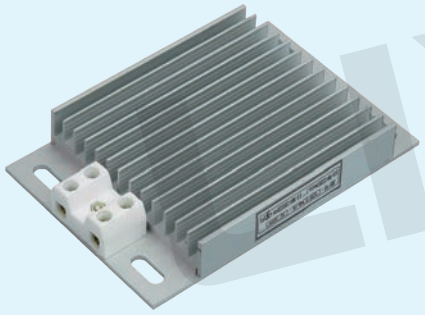
SWITCHGEAR ACCESSORIES SERIES

Model No.:CM-1
Name:Cabinet lighting lamp





Model No.:DJR-S
Mame:Aluminum alloy heater

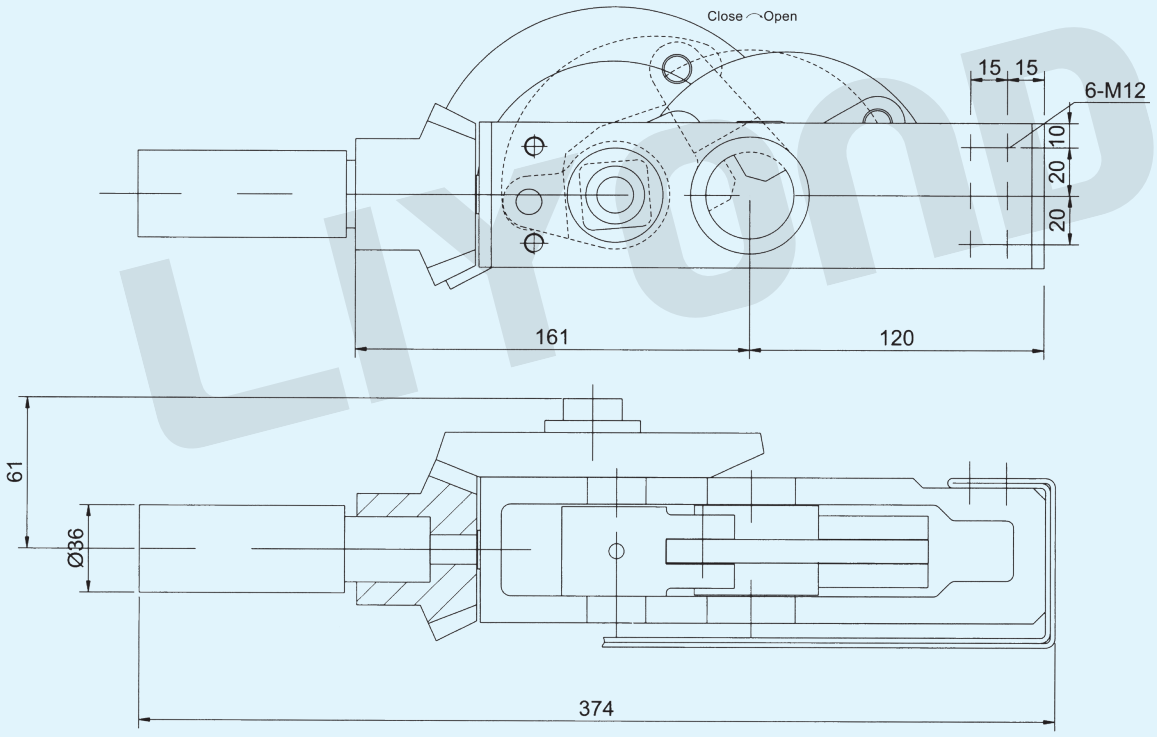


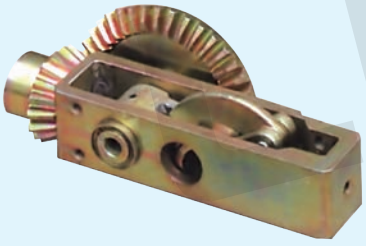


DJR-S

LIYOND BEVEL GEAR SERIES

Name:CL–40.5 bevel gear





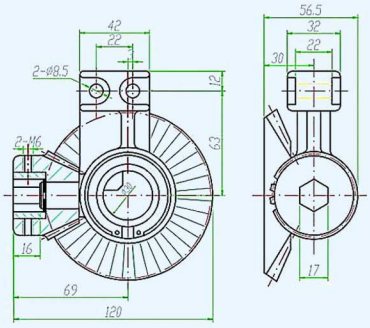
Operating instruction of CL-40.5 bevel gear

1.CL-40.5 bevel gear used for JN □ -40.5/31.5 earthing switch manual operation,can be used with KYN □ -40.5 and other models switchgear.
2.Rotational angle of operating shaft : 270 ° & 90 ° (open-close)
3.The bevel gear shown in the chart is right operation,and the left operation is commutation assembled by manufacturer,user could install it symmetrically on the left side according to the chart.

LIYOND BEVEL GEAR SERIES

Name:Bevel Helical Gear with Iron and zincing





1.Material: iron and zincing

2.Function: Used in the switchgear, it can worked in the switch interlock apparatus.

3.More details: It can match with the JN15 series earthing switch with the voltage of 12kV, 24kV etc.

4.Bellow is the assemble installation drawing

Summary

1.Application: match with earthing switch interlock devic,apply on switchgear
2.Material:Steel with zinc plating
3.Standard: Chinese national standard - GB standard (equal to IEC standard)
4.High quality and reasonable price
5.OEM orders are welcome

Specification

One way bevel gear for switchgear ,bevel gear switchgear

1.switch interlock device with single bevel gear
2.Used in the switchgear, it can worked in the switch interlock apparatus.
3.It can match with the JN15 series earthing switch with the voltage of 12kV, 24kV etc.
4.If you have any request related to plastic mould/product manufacturing, please do not hesitate to contact us. We will provide a reasonable quotation with high quality manufacturing/service. Your prompt attention to us will be highly appreciated!