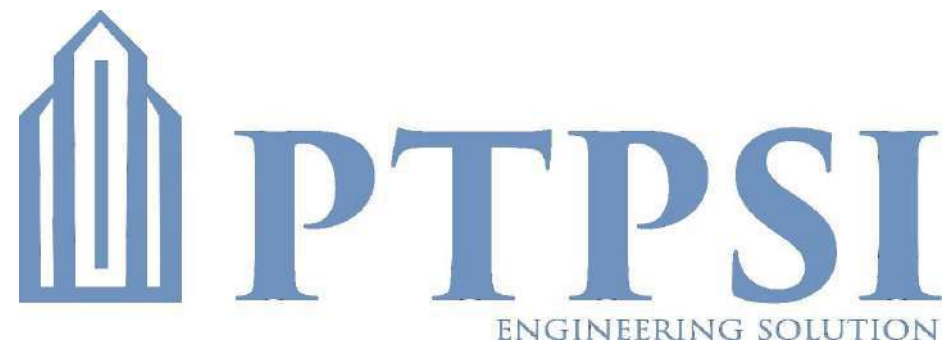




CATALOG PRODUCT

PT. PERMINTEX SINERGI INDONESIA
EXCELLENCE IN ENGINEERING PRODUCT & SERVICES

Electrical Panel



CONTENTS

Introduction to low-voltage withdrawable switch cabinet (universal cabinet) and drawer	-----	01-12
New 1/2 drawer	-----	13-18
Hand-pull mechanism	-----	19-19
Hand-crank mechanism	-----	20-20
Switching unit	-----	21-24
Primary plug-in		25-39
Secondary plug-in		40-41
Mechanism operating handle		41-42
New drawer accessories		42-48
MNS3.0 half functional plate switch cabinet accessories		49-53
MDmax switch cabinet and accessories	-----	54-55
Insulated terminal, bus clamp, bus frame	-----	56-65
Drawer accessories	-----	65-66
Low-voltage (GGD, GCS, GCK, MNS) connector series		67-71
KYN28 high-voltage switch cabinet accessories		72-78



Improved GCK Switchgear

Features of CSL hand mechanism

Beautiful design, easy installation and affordable, the unit height of the drawer in this type can be 150 high, 160 high, 200 high, 300 high, 400 high, 600 high, which can be 24 loops at most.

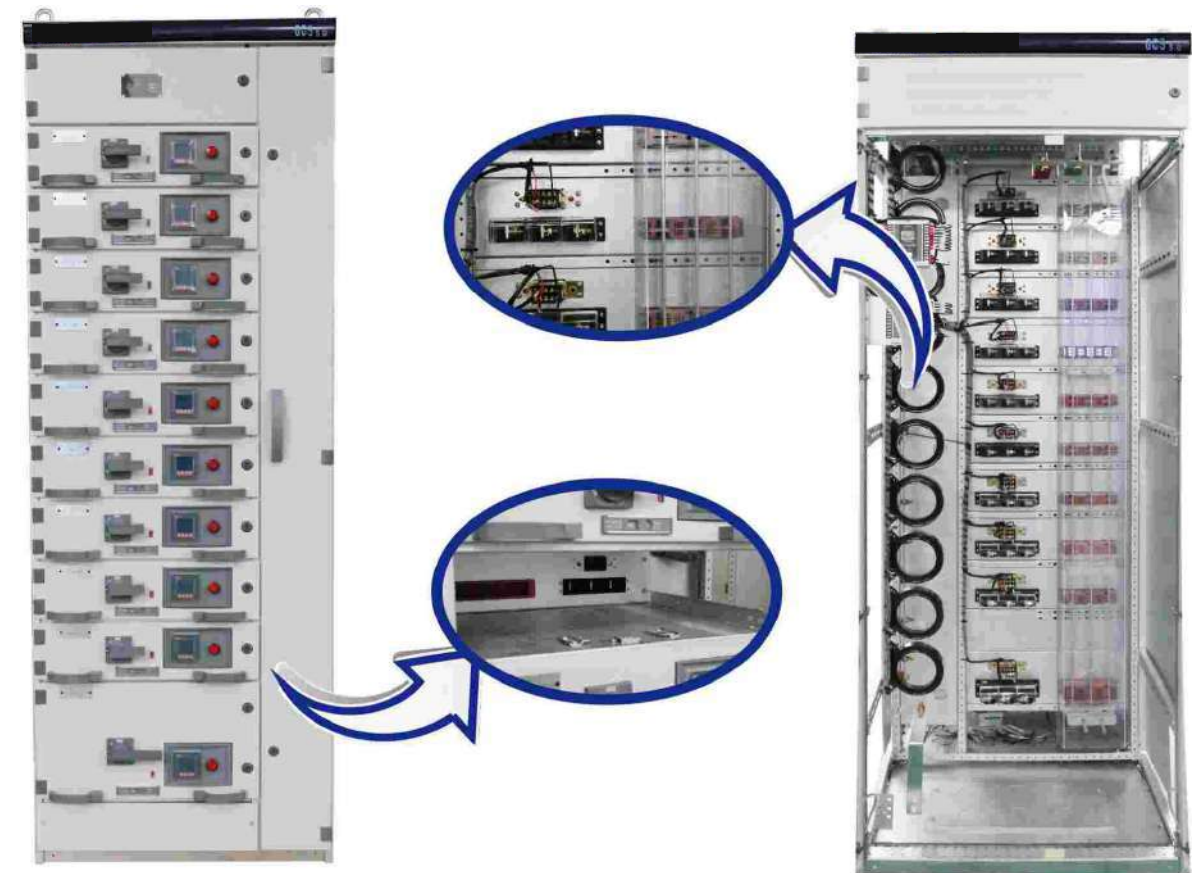
CSL hand mechanism position principles and operation

Separate position: When it displays separate, the drawer can be pushed. The primary circuit and secondary circuit are switched off.

Separate - test: Hold left and right handles with your hands to push the drawer directly. When it displays test, the secondary circuit off is switched on and the primary circuit is switched off. Auxiliary switch is energized.

Test - connect: At this point, press the unlocking button with left hand to push the position, and it shows the connection of primary and secondary circuits. Auxiliary switch is energized.

When the main switch is closed, the handle drives the square bar for rotation (the square bar is equipped with closing release lever); when the switch is closed, the release lever has been inserted into the hole of drawer-bottom plate, and locked to the spacer plate of the drawer; unable to be pushed and pulled out, the drawer can only be pulled out after the switch opening. After opening of the main switch, the drawer can only be pulled out by pressing the unlocking button on the left handle when the drawer displays connecting position.



Improved GCS Switchgear

Features of CXJG-8 labor-saving pushing mechanism

With dual turbo structure, it is made of high strength wear-resistant plastic.

It is adaptable for a high-current large drawer unit with large operating torque, and it is easy and flexible to use by multi-lap labor-saving hand cranking, smooth in cranking in and drawing out the drawer. Made of a strong thick steel plate, it is also reliable in operation.

The finite and guiding device can reduce the flapping of drawer, and with a reasonable clearance fit, the drawer is provided with a balanced operation force point.

It is equipped with text and color display for separate, test and connect, and there are clear voice prompts to the three positions.

As long as the main switch handle rotates to closing, the crank jack is plugged and can not be inserted, and also the drawer can not be cranked in or pulled out. It is safe to use when the auxiliary circuit is connected in the test position. The main switch can be used for opening and closing test.

Operation position principle of CXJG-8 labor-saving pushing mechanism

Separate position: aligned with the position, it displays separation, the drawer can be cranked in clockwise, and the primary and secondary circuits are disconnected at this time.

Separate-test: crank in the drawer at the separate position, and it displays test.

Test- connect: continue to crank in the drawer clockwise, the primary and secondary circuits are connected when it displays the connect position. Pull out the main switch of the handle before closing. The handle hole is plugged after the switch is closed, and the handle can not be inserted into, and the drawer can not be cranked in or pulled out. (The handle can be inserted into the drawer and be cranked in or pulled out only after the opening of switch.)

Note: the drawer must be aligned with separate and then be pushed in place before being cranked in. When the drawer has shown the connect position, clockwise forced operation is no longer allowed to avoid damage



MNS3.2 half functional plate (improved) switch cabinet

Description of MNS3.2 switchgear

This type of switchgear is an upgrade based on the type of ABB3.0, whose drawer can be made into 8E/4, 8E/2, 6E, 8E, 12E, 16E, 24E, for the convenience of any combination by users. The products have been put into use in large quantities, such as the Shanghai subway, the Beijing-Shanghai high-speed railway and other national key projects.

Features of MNS3.2 switchgear

With beautiful appearance, affordable price, flexible operation and easy maintenance, it has received praise from the majority of users. The 8E/2 drawer can be made into 125A, 8E/4 drawer can be 40A, and drawer unit can be 12 loops and 800A at most, greatly improving the user's choice and practicality.

CSL hand-pull mechanism unit drawer

Function and operation guide

The drawer mechanism is a hand-pull operating mechanism with a reliable lock and it is easy to operate. The drawer height H = 150; 200; 300; 400; 600.

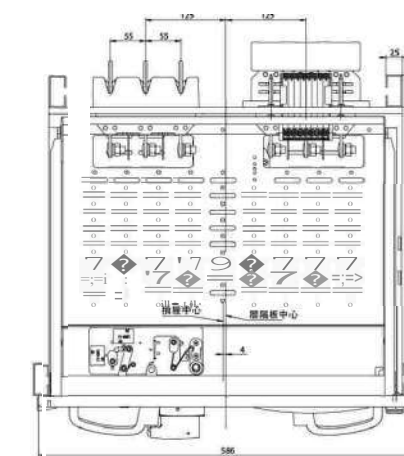
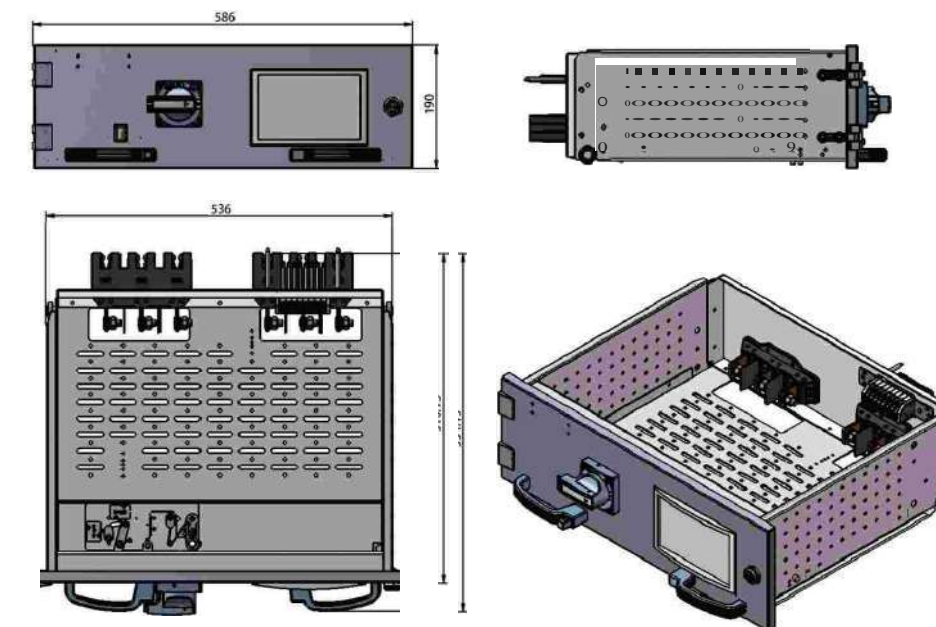
The drawer mechanism is provided with a display of three positions, including position fixing, locking and interlock, with handle height H = 67; 80; 117.

The drawer is divided into two structures, namely back and side outgoing line, with drawer current to be 125A; 250A; 400A; 630A.

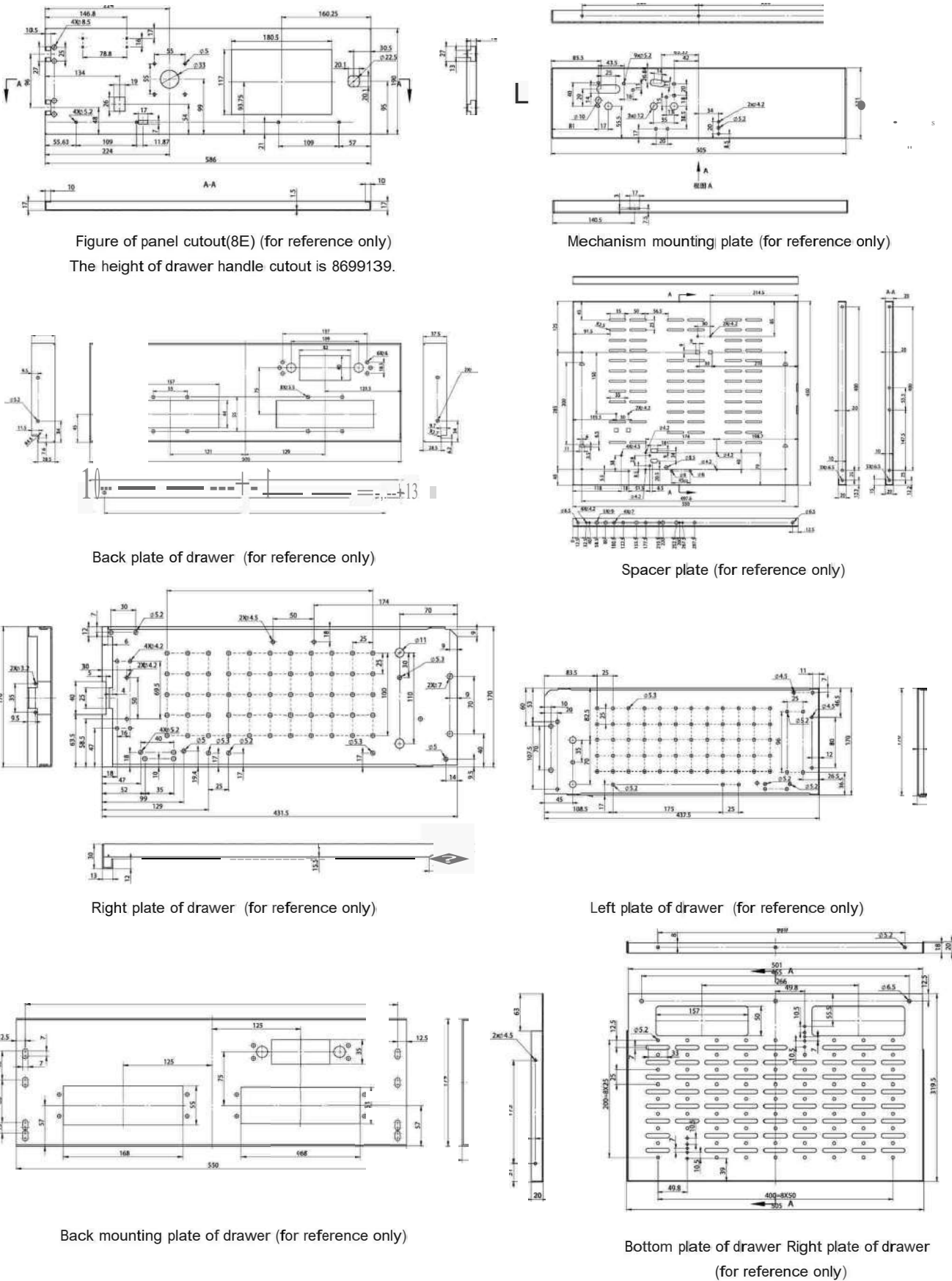
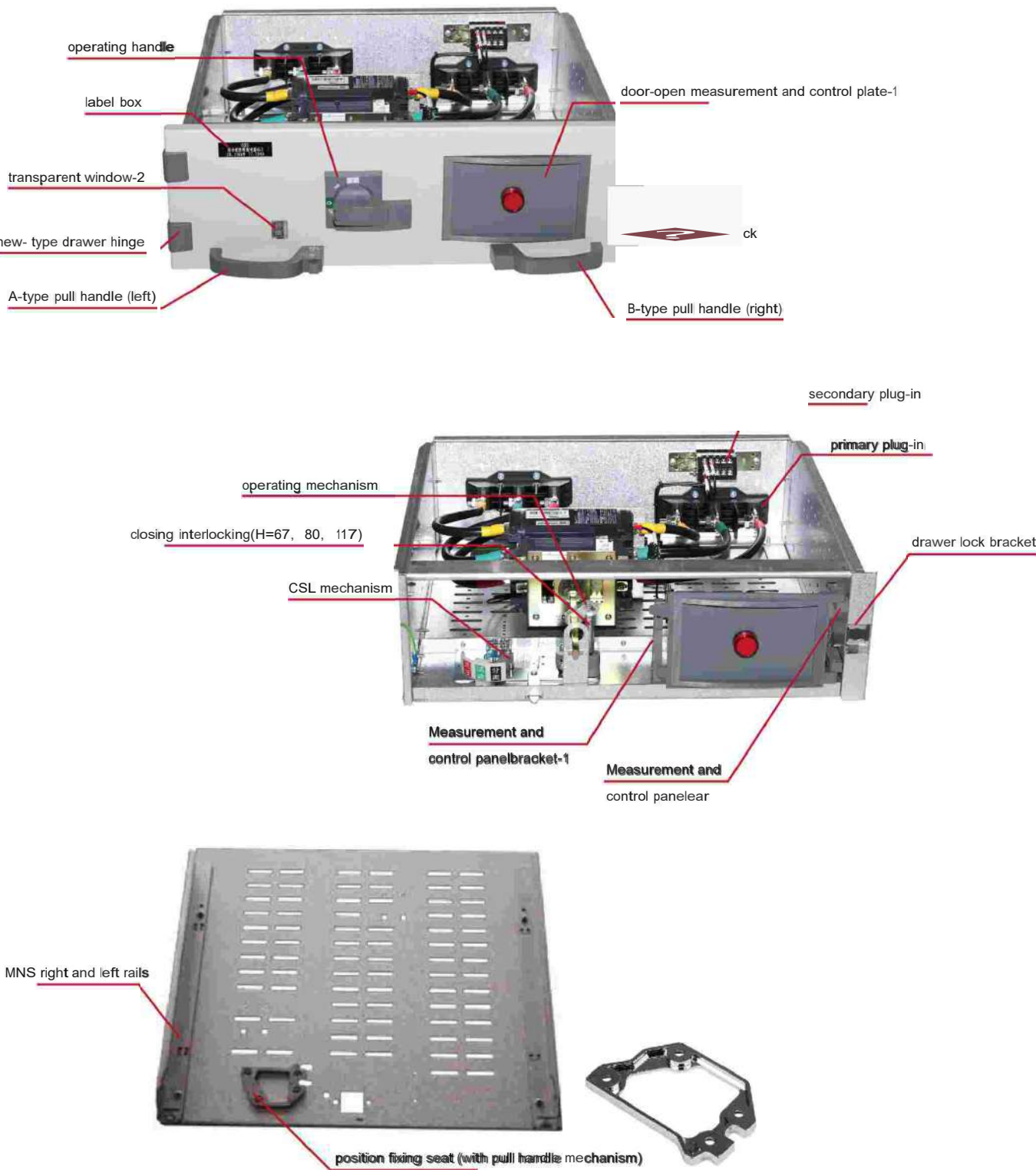
The spacing from test position to operating position is 24mm. Test position: the primary is disconnected and the secondary is connected. Connect position: both the primary and secondary are connected.

The mechanism can be provided with two opening and two closing change-over switches for a single position at the test position and operating position as required. General configuration may only be provided with one opening and one closing change-over switch at the test position.

The drawer can be pushed to the desired position by pressing the unlocking button on the left hand. When the opening and closing handle is closed, the mechanism locking lever is inserted to the spacer plate through the bottom of drawer, and the drawer can not be pushed in or pulled out, while the unlocking button of the mechanism is locked, which can only be operated after the switch handle opening, and then the drawer can be pulled out.



Note: please specify the colors in your ordering list.



CXJG-8 Hand-push Unit Drawer

Function and operation guide

The drawer mechanism is a handle-push operation mechanism with a reliable lock and it is easy to operate. The drawer height H = 150; 200; 300; 400; 600.

The drawer mechanism is provided with a display of three positions, including position fixing, locking and interlock, with handle height H = 67; 80; 117; 145.

The drawer is divided into two structures, namely back and side outgoing line, with drawer current to be 125A; 250A; 400A; 630A.

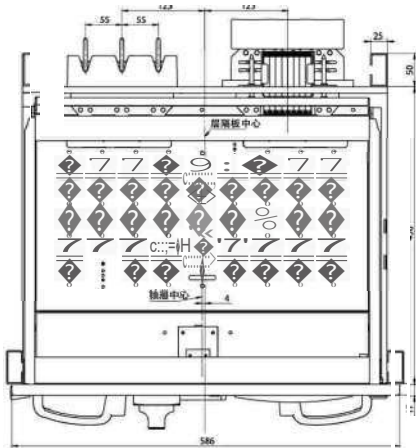
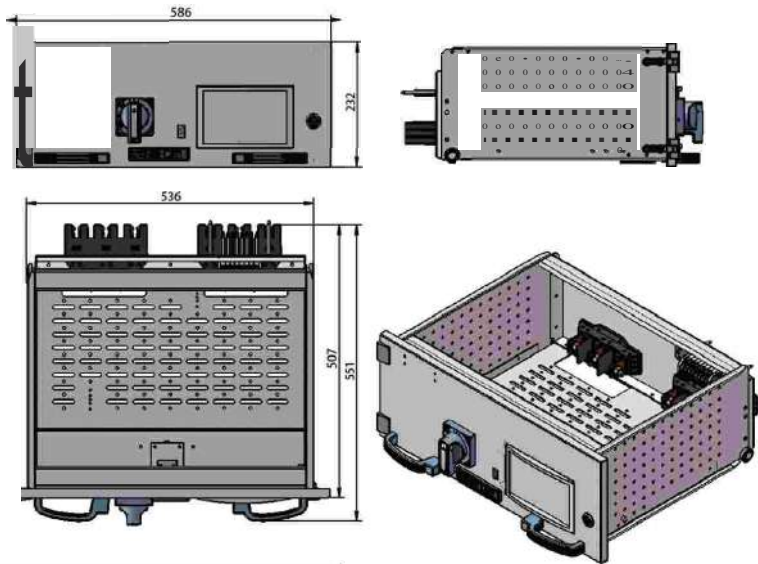
The spacing from test position to operating position is 24mm. Test position: the primary is disconnected and the secondary is connected. Connect position: both the primary and secondary are connected.

The mechanism can be provided with two opening and two closing change-over switches for a single position at the test position and operating position as required. General configuration may only be provided with one opening and one closing change-over switch at the test position.

Separate position: aligned with the position, it displays separation, the drawer can be cranked in clockwise, and the primary and secondary circuits are disconnected at this time.

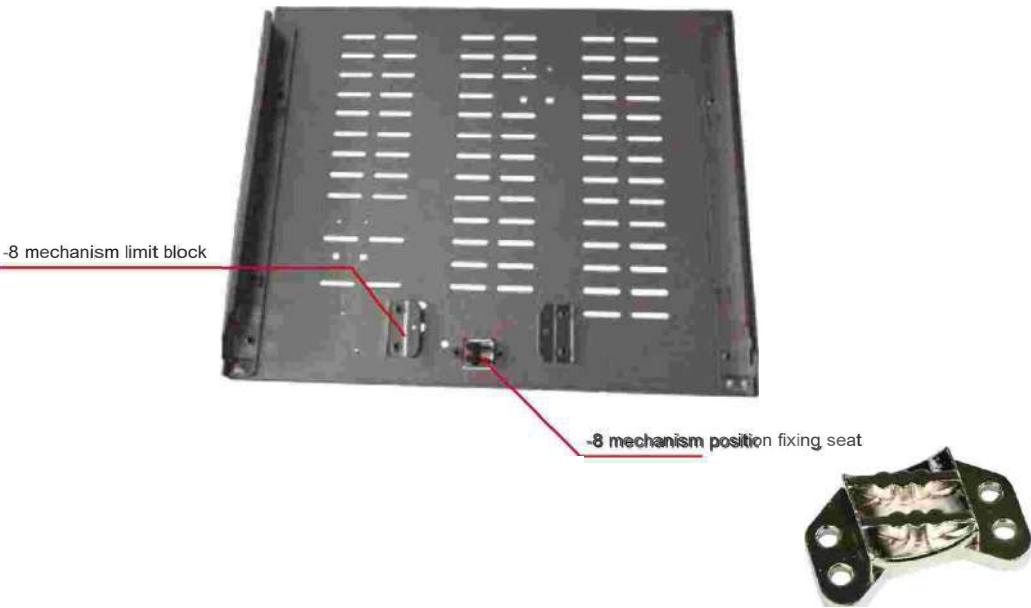
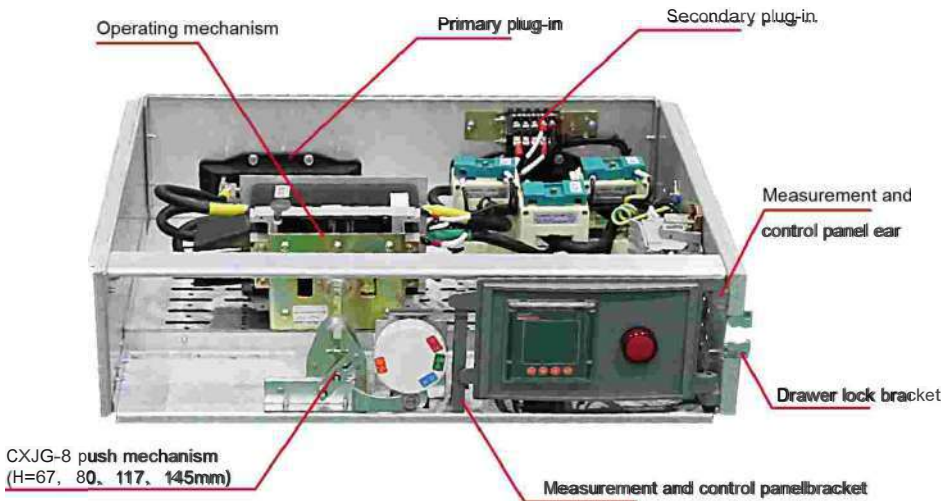
Separation-test: crank in the drawer at the separate position, and it displays test.

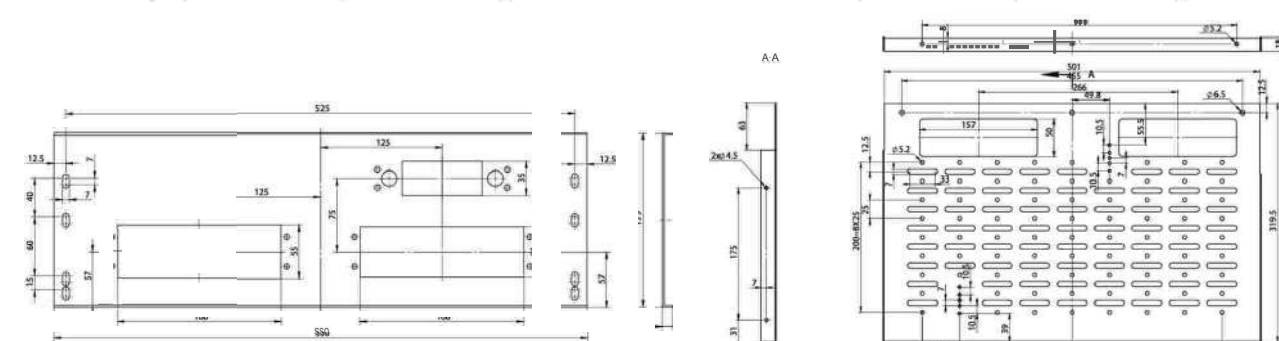
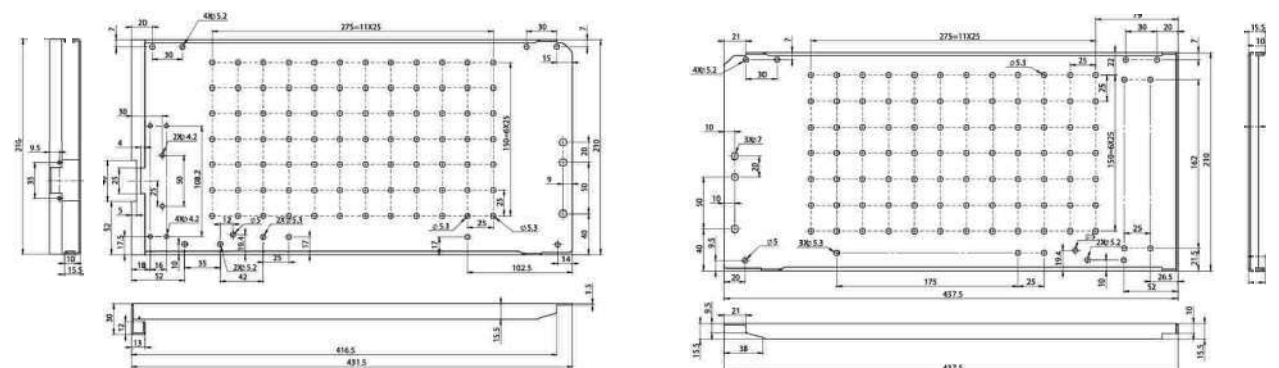
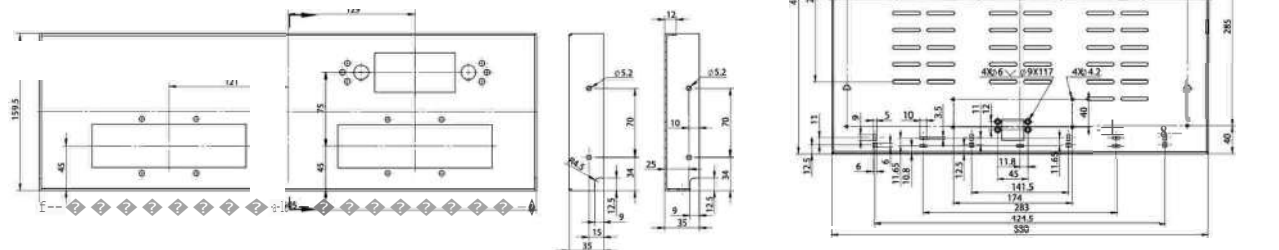
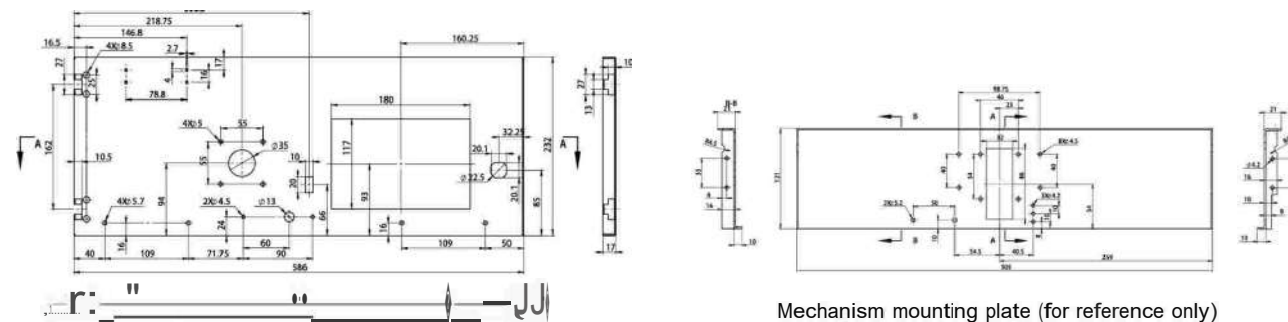
Test- connect: continue to crank in the drawer clockwise, the primary and secondary circuits are connected when it displays the connect position. Pull out the main switch of the handle before closing. The handle hole is plugged after the switch is closed, so the handle can not be inserted into and the drawer can not be cranked in or pulled out. (The push handle can be inserted into the drawer and be cranked in or pulled out only after the opening of switch.)



Product Name	Product Model	Amount	Page
Hand push mechanism	CXJG-8	1	Page 20
Handle mechanism	JXZ6	1	Page 29
Primary movable plug-in (incoming line)	CZ6	2	Page 26-27
Primary incoming line casing	CT6	1	Page 27-28
Primary unmovable plug in	RC4	1	Page 40
Secondary connector		2	Page 46
Lock	705-2	1	Page 45
Door-open measurement and control plate	Medium/Small	1	Page 44
Pull hand	Type B	2	Page 43
Opening and closing handle	F1	1	Page 42

Note: please specify the colors in your ordering list.

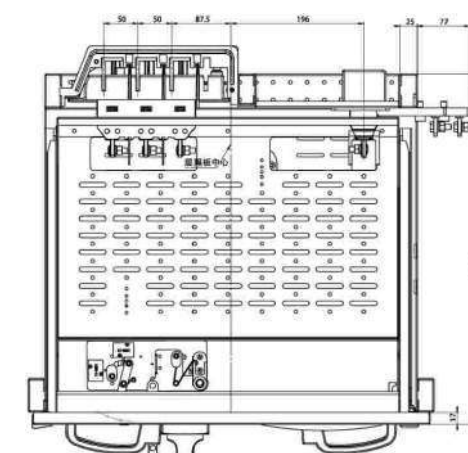
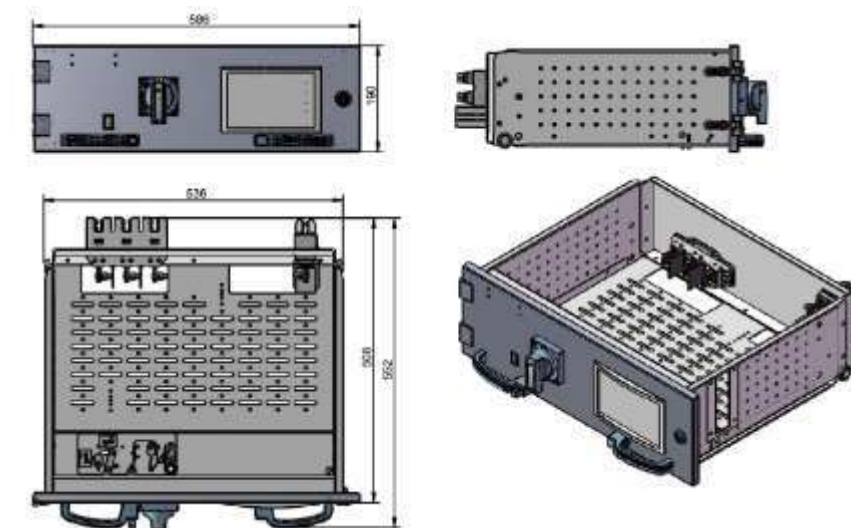




Side outgoing line (half functional plate) unit drawer

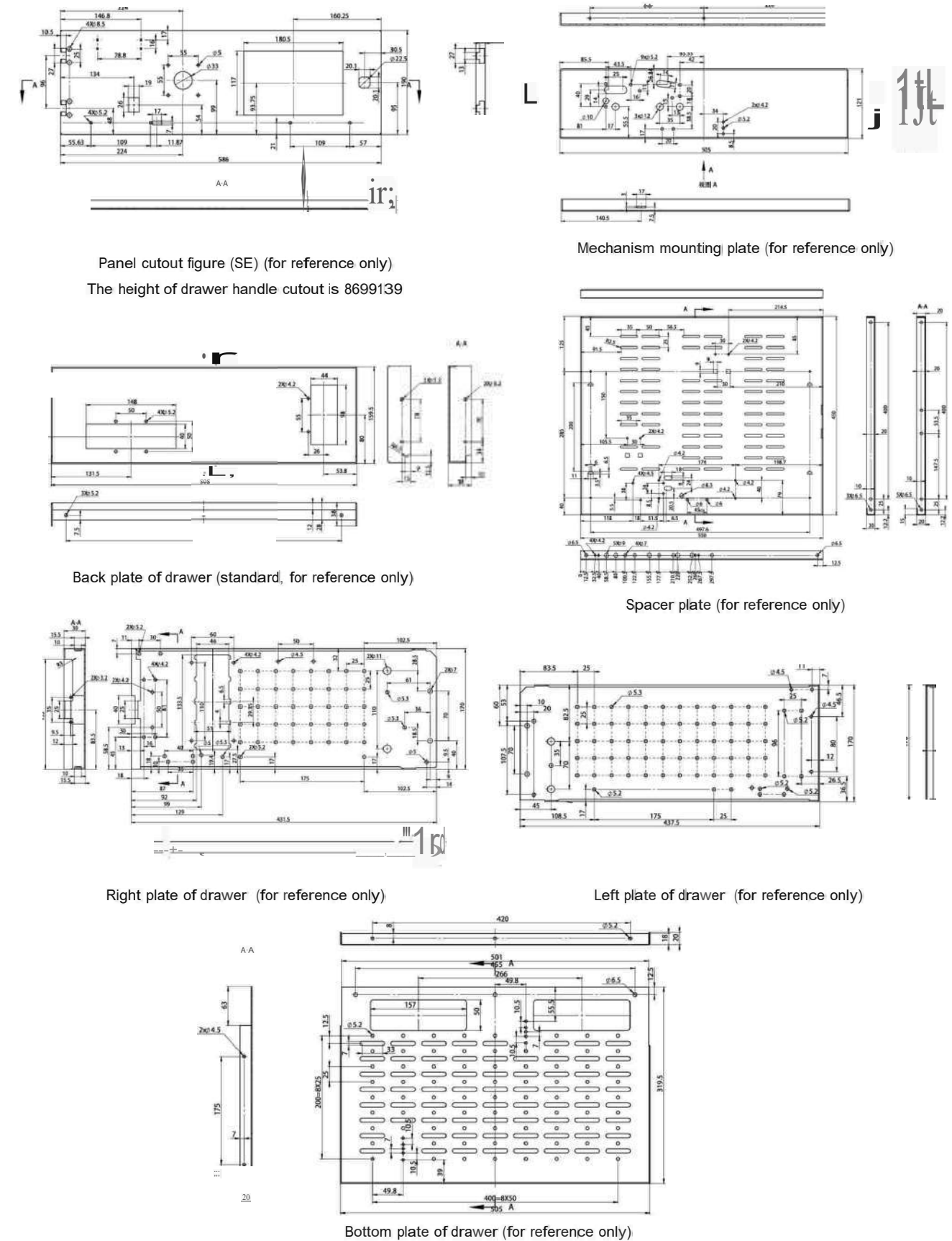
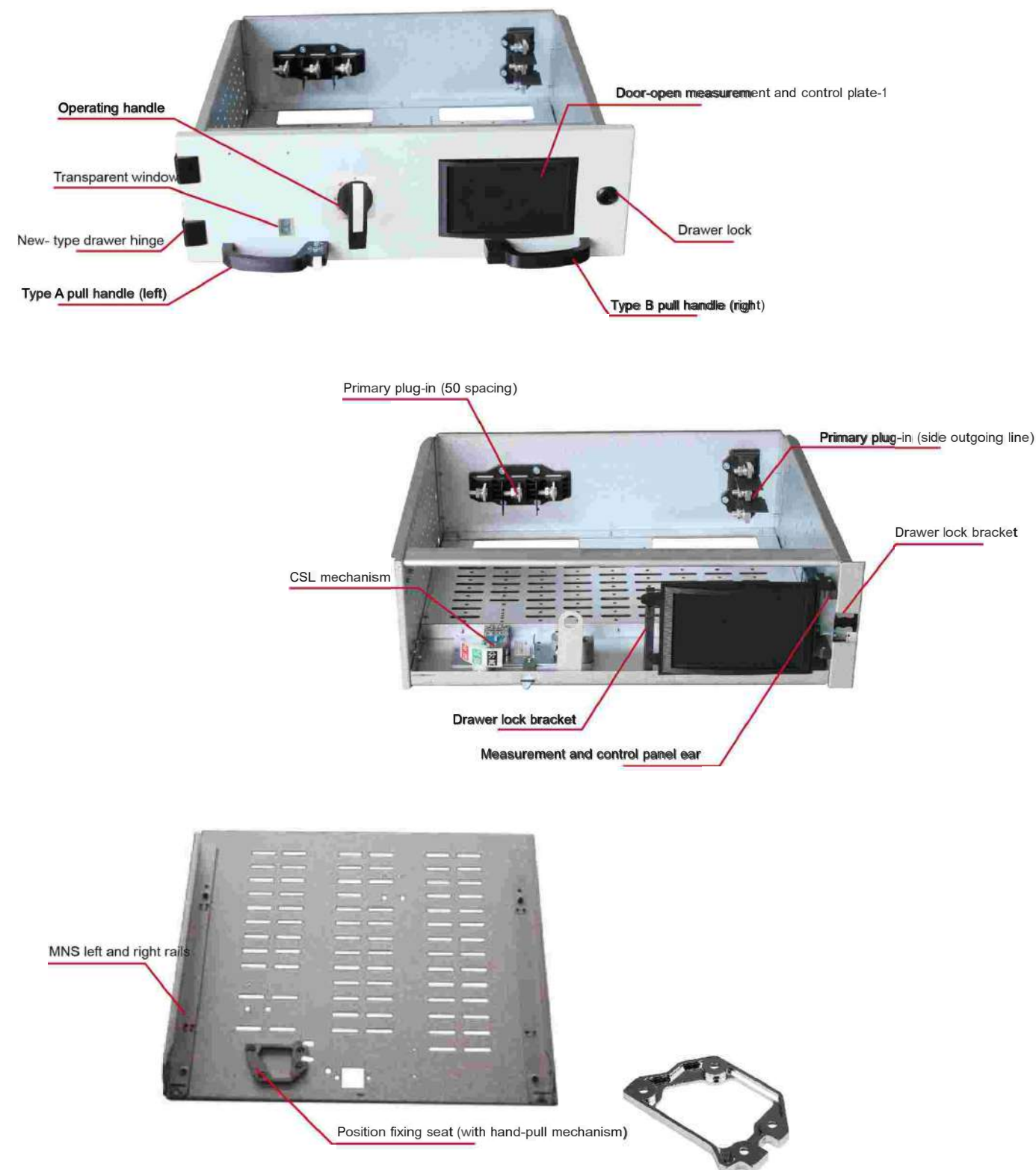
Function and operation guide

- + The drawer mechanism is divided into a hand-pull operating mechanism and -8 cranking-in mechanism with a reliable lock and it is easy to operate. The drawer height H = 150; 200; 300; 400; 600.
- + The drawer mechanism is provided with a display of three positions, including position fixing, locking and interlock, with handle height H = 67; 80; 119.
- + The drawer is divided into two structures, namely back and side outgoing line structures, with drawer current to be 125A; 250A; 400A.
- + The spacing from test position to operating position is 24mm. Test position: the primary is disconnected and the secondary is connected. Connect position: both the primary and secondary are connected.
- + The mechanism can be provided with two opening and two closing change-over switches for a single position at the test position and operating position as required. General configuration may only be provided with one opening and one closing change-over switch at the test position.
- + The drawer can be pushed to the desired position by pressing the unlocking button on the left hand. When the opening and closing handle is closed, the mechanism locking lever is inserted to the spacer plate through the bottom of drawer, and the drawer can not be pushed in or pulled out, while the unlocking button of the mechanism is locked, which can only be operated after the switch handle opening, and then the drawer can be pulled out.



Product name	Product mode	Amount	Page
Hand-pull mechanism	CSL	1	Page 19
Primary movable plug-in (incoming line)	XCZ8	1	Page 35
Primary movable plug-in (outgoing line)	XCZ9	1	Page 37
Primary unmovable plug-in	XCT9	1	Page 38
Secondary plug-in side outgoing line	JFC2	1	Page 41
New drawer hinge		2	Page 46
Anti-droop lock	705-2	1	Page 45
Door-open measurement and control plate	Medium/Small	1	Page 44
Right pull handle	Type B	2	Page 43
Opening and closing handle	F1	1	Page 42

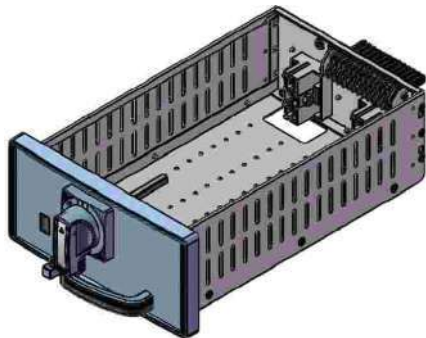
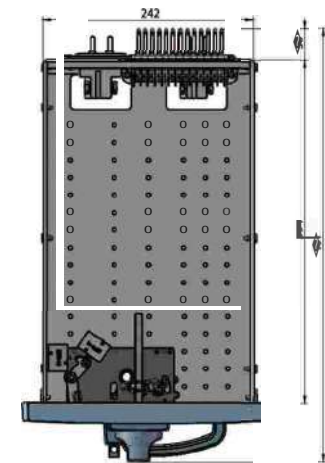
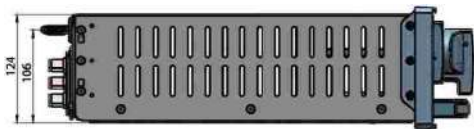
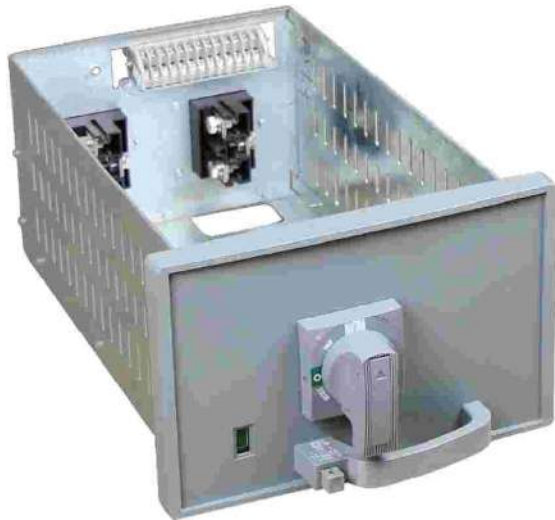
Note: please specify the colors in your ordering list.



150 High -CSL Hand-pull 1/2 Unit Drawer

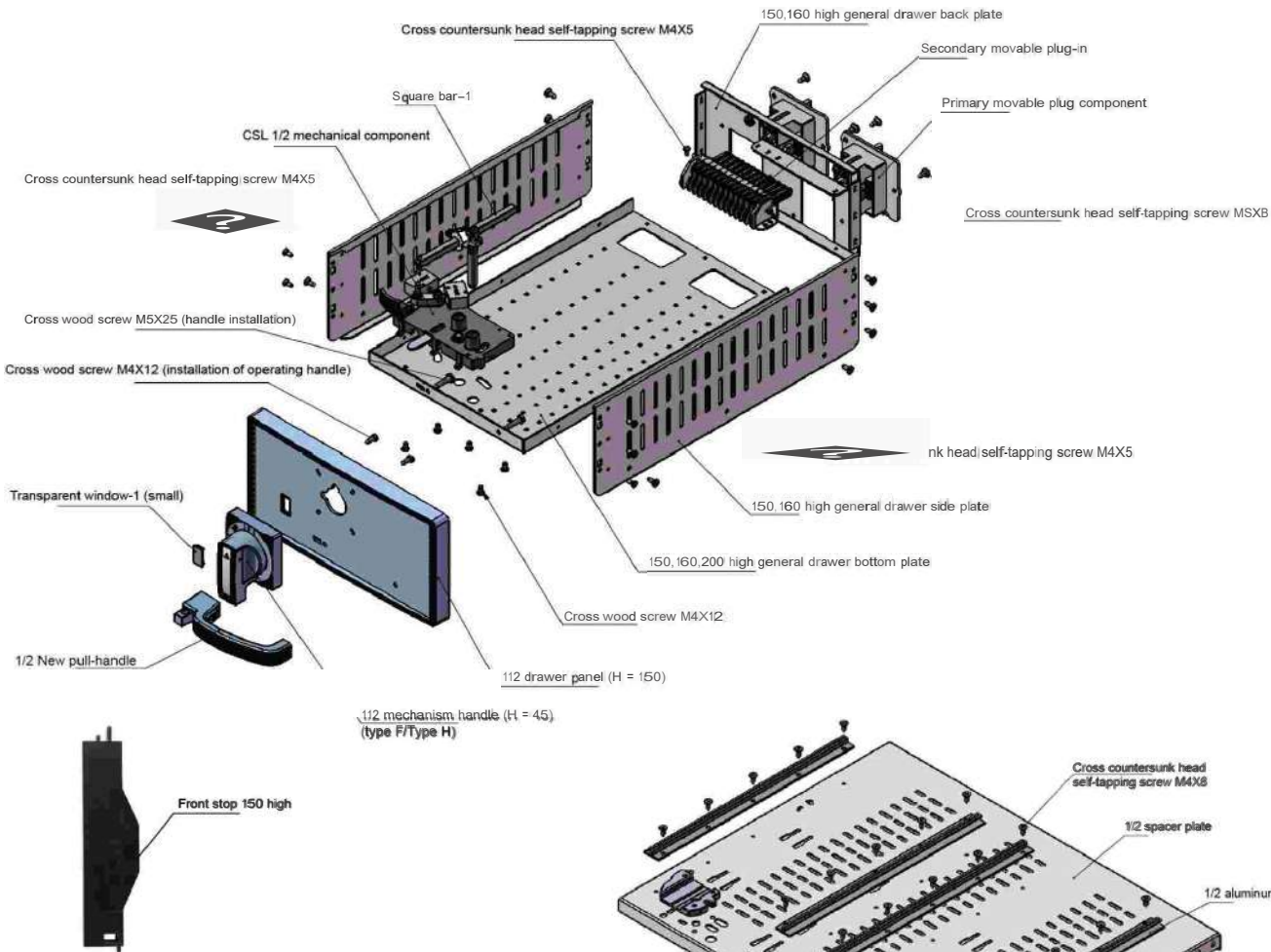
Structural features

- The small drawer is a hand-pull structure with large drawer space, and easy to manufacture and convenient to install.
- The drawer has a maximum current of 125A, and can achieve three-position operation display.
- Press the unlocking button on the handle to the required position. Then the drawer cannot be pushed in or pulled out after the closing of opening and closing switch and the unlocking button is locked. (The drawer can only be pulled out by pressing the unlocking button when opening.)

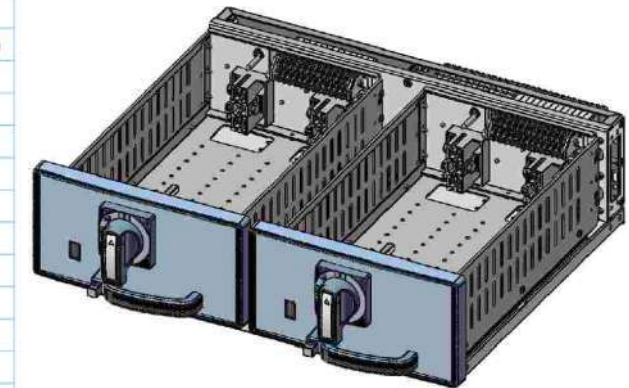
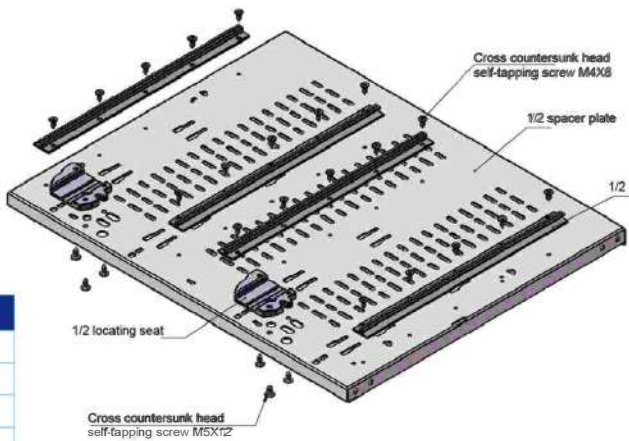


Structural features

1. The small drawer is a hand-pull structure with large drawer space, and easy to manufacture and convenient to install.
2. The drawer has a maximum current of 125A, and can achieve three-position operation display.
3. Press the unlocking button on the handle to the required position. Then the drawer cannot be pushed in or pulled out after the closing of opening and closing switch and the unlocking button is locked.



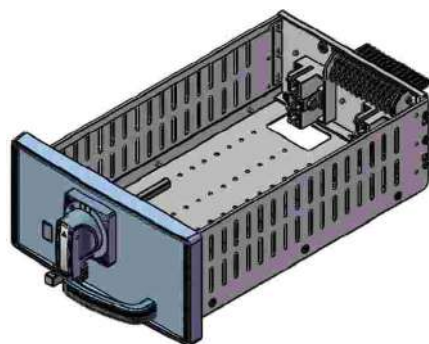
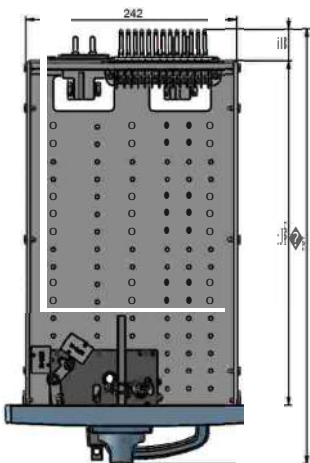
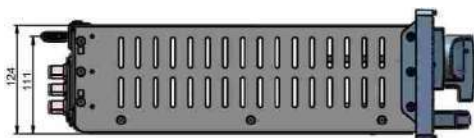
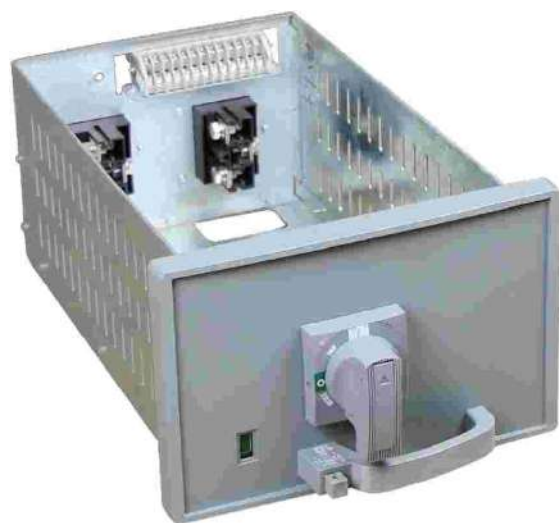
Order No.	Name	Specification	Amount	color	Remark
6218	1/2 switching unit	549*130*4	1		Page 21
6201	1/2 drawer panel	150 high	2	Black	
6202	1/2 drawer panel	150 high	2	Gray	
6337	1/2 mechanism handle	H=45	2	Black	
6338	1/2 mechanism handle	H=45	2	Gray	
6205	1/2new pull-handle		2	Black	
6206	1/2 new pull-handle		2	Gray	
6207	Transparent window-1 (small)		2	Transparent	Page 19
6208	150,160,200 high general drawer bottom plate		2		
6209	150,160 high general drawer side plate		4		
6210	Primary movable plug component		4		
6211	Secondary movable plug-in		2		
6212	150,160 high general drawer back plate		2		
6213	Square bar -1	Square bar 8*8	2		
6214	CSL 1/2 mechanical component		2		
6215	1/2 spacer plate		1		
6216	1/2 aluminum rail		4		
6217	1/2 position fixing seat		2		
6269	Front stop 150 high	H=150	1	black	
6270	Front stop 150 high	H=150	1	grey	



160 High -CSL Hand-pull 1/2 Unit Drawer Structural features

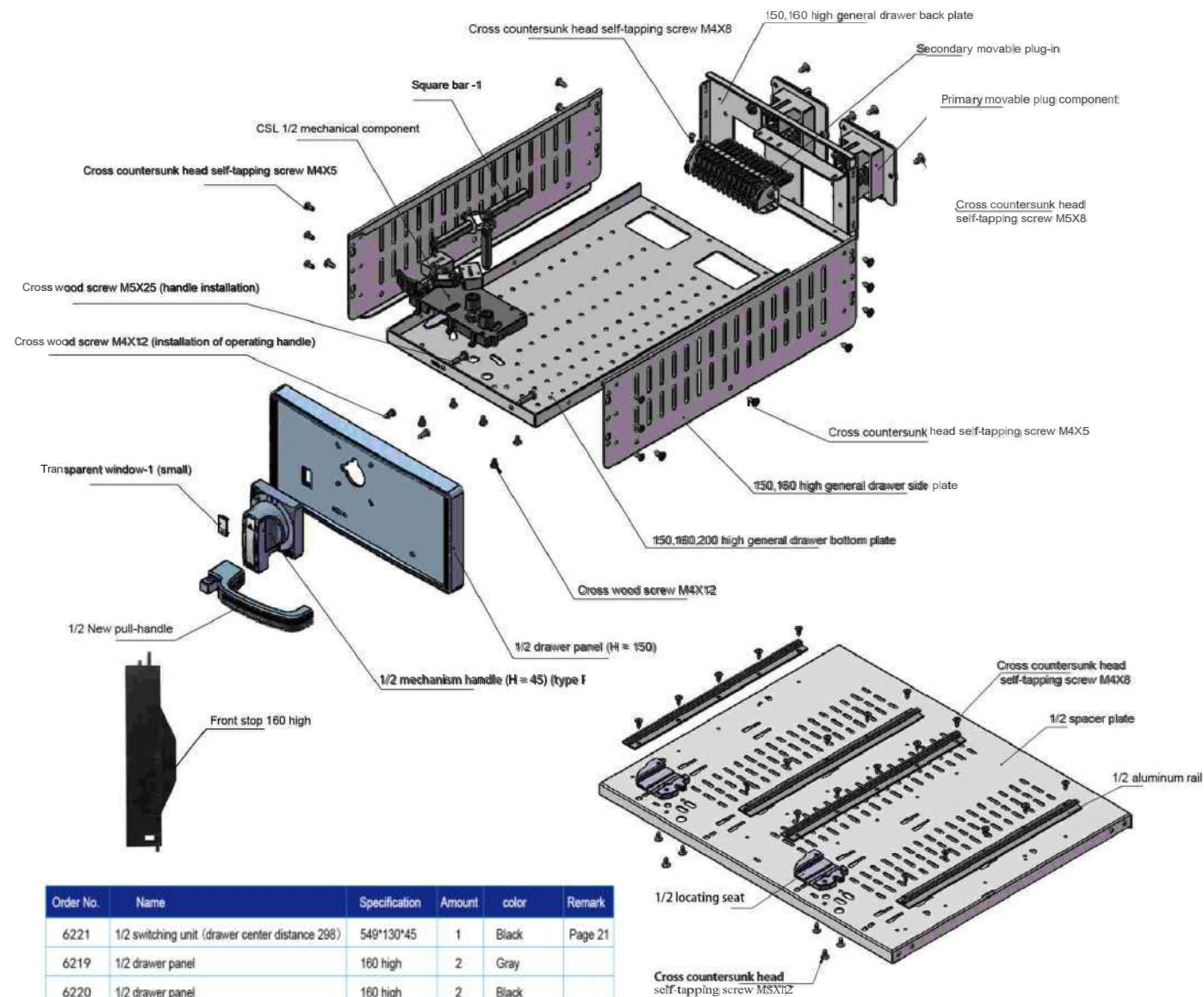
Structural features

- + The small drawer is a hand-pull structure with large drawer space, and easy to manufacture and convenient to install.
- + The drawer has a maximum current of 125A, and can achieve three-position operation display.
- + Press the unlocking button on the handle to the required position. Then the drawer cannot be pushed in or pulled out after the closing of opening and closing switch and the unlocking button is locked. (The drawer can only be pulled out by pressing the unlocking button when opening.)

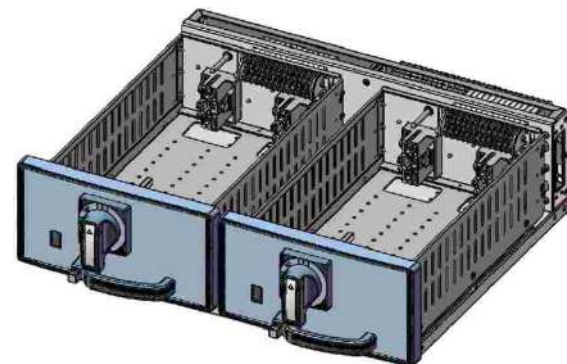


Structural features

1. The small drawer is a hand-pull structure with large drawer space, and easy to manufacture and convenient to install.
2. The drawer has a maximum current of 125A, and can achieve three-position operation display.
3. Press the unlocking button on the handle to the required position. Then the drawer cannot be pushed in or pulled out after the closing of opening and closing switch and the unlocking button is locked.



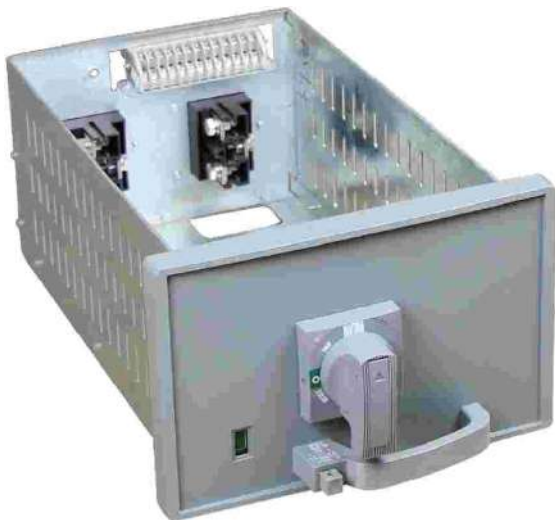
Order No.	Name	Specification	Amount	color	Remark
6221	1/2 switching unit (drawer center distance 298)	549*130*45	1	Black	Page 21
6219	1/2 drawer panel	160 high	2	Gray	
6220	1/2 drawer panel	160 high	2	Black	
6337	1/2 mechanism handle	H=45	2	Gray	
6338	1/2 mechanism handle	H=45	2	Black	
6205	1/2 new pull-handle		2	Gray	
6206	1/2 new pull-handle		2	Transparent	
6207	Transparent window-1 (small)		2		Page 19
6208	150,160,200 high general drawer bottom plate		2		
6209	150,160 high general drawer side plate		4		
6210	Primary movable plug component		4		
6211	Secondary movable plug-in		2		
6212	150,160 high general drawer back plate		2		
6213	Square bar -1	Square bar 8*8	2		
6214	CSL 1/2 mechanical component		2		
6215	1/2 spacer plate		1		
6216	1/2 aluminum rail		4		
6217	1/2 position fixing seat		2		
6285	Front stop 160 high	H=160	1	Black	
6286	Front stop 160 high	H=160	1	Gray	



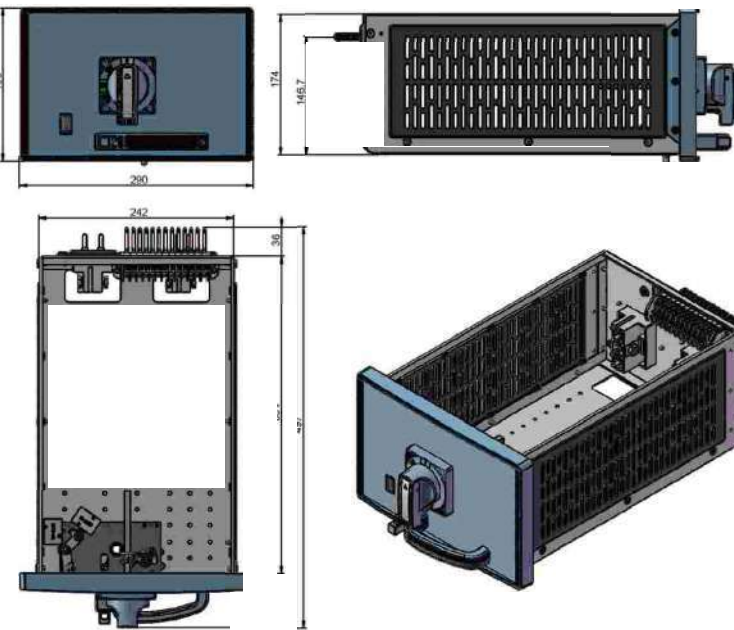
200 High -CSL Hand-pull 1/2 Unit Drawer

Structural features

- + The small drawer is a hand-pull structure with large drawer space, and easy to manufacture and convenient to install.
- + The drawer has a maximum current of 125A, and can achieve three-position operation display.
- + Press the unlocking button on the handle to the required position. Then the drawer cannot be pushed in or pulled out after the closing of opening and closing switch and the unlocking button is locked. (The drawer can only be pulled out by pressing the unlocking button when opening.)

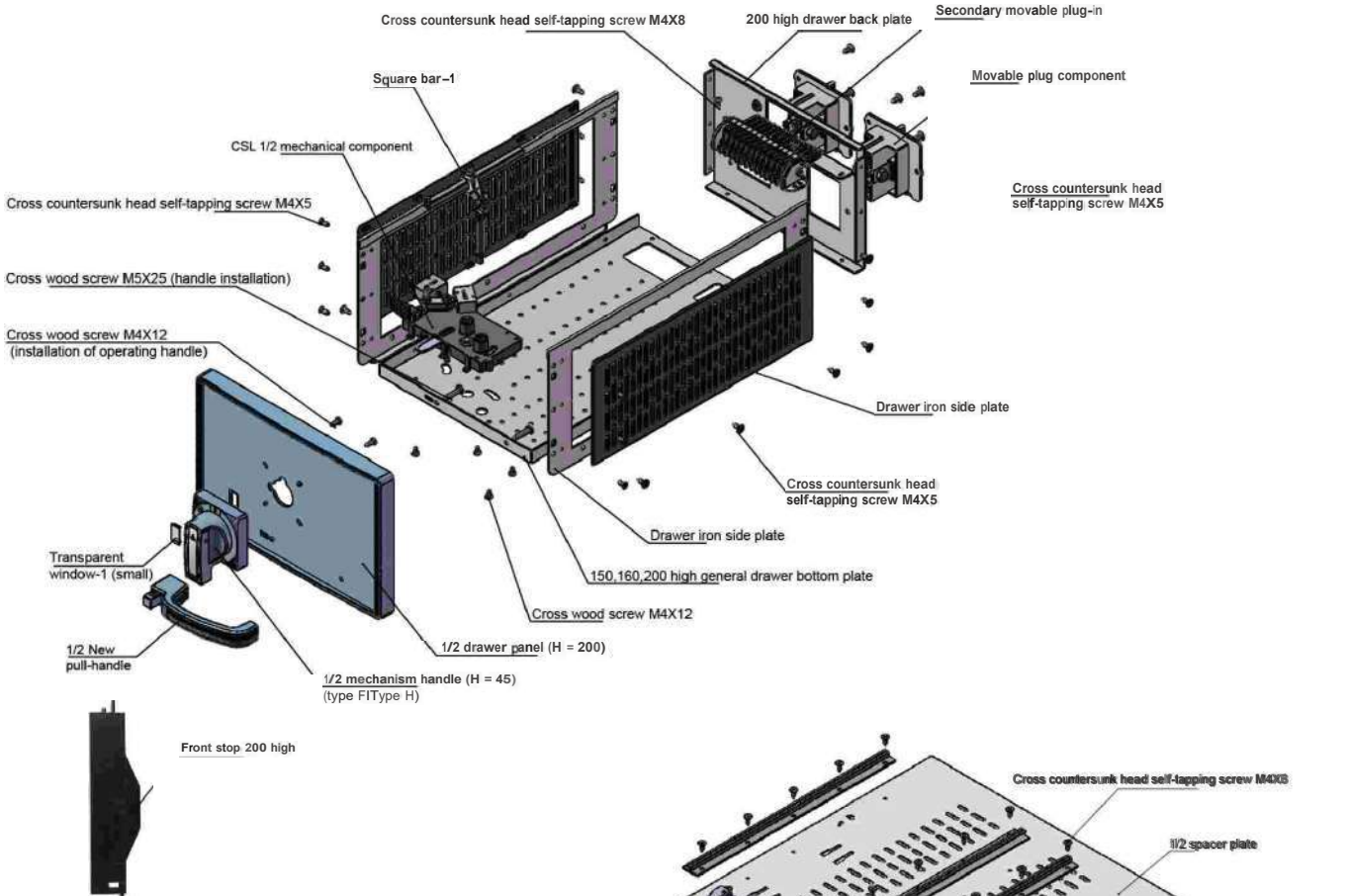


Square bar

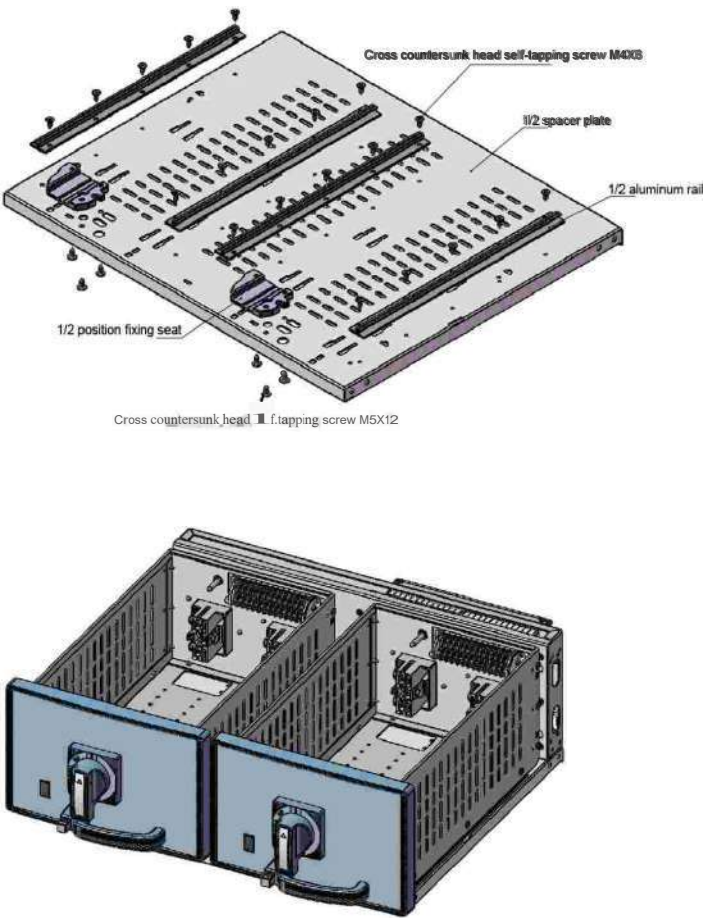


Structural features

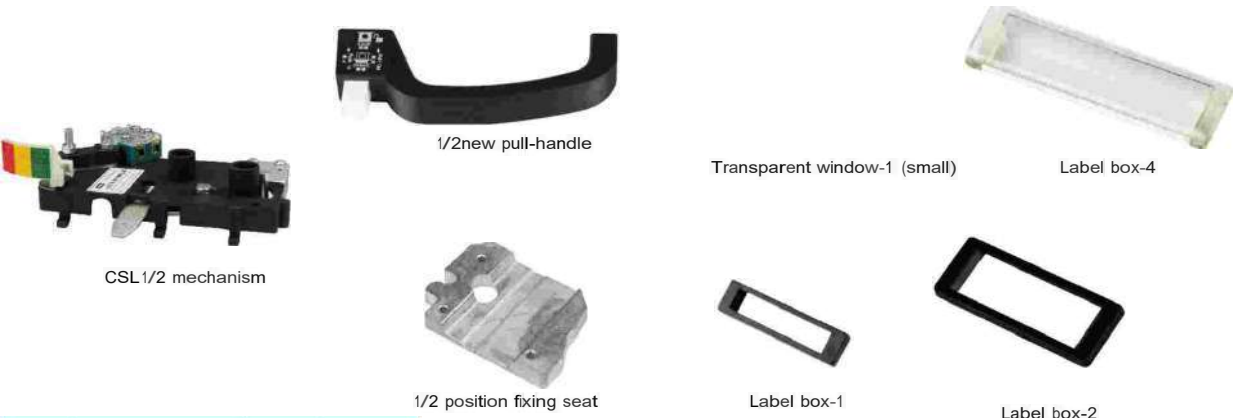
1. The small drawer is a hand-pull structure with large drawer space, and easy to manufacture and convenient to install.
2. The drawer has a maximum current of 125A, and can achieve three-position operation display.
3. Press the unlocking button on the handle to the required position. Then the drawer cannot be pushed in or pulled out after the closing of opening and closing switch and the unlocking button is locked.



Order No.	Name	Specification	Amount	color	Remark
6227	1/2 switching unit (drawer center distance 298)	549×175×45	1		Page 21
6222	1/2 drawer panel	200 height	2	black	
6223	1/2 drawer panel	200 height	2	gray	
6337	1/2 mechanism handle	H=45	2	black	
6338	1/2 mechanism handle	H=45	2	gray	
6205	1/2 new pull-handle		2	black	
6206	1/2 new pull-handle		2	gray	
6207	Transparent window-1 (small)		2	Transparent	Page 21
6208	150, 160, 200high general drawer back plate		2		
6224	Drawer iron side plate		4		
6225	Drawer plastic side plate		4	black	with 6224 together
6287	Drawer plastic side plate		4	gray	with 6224 together
6226	Drawer iron side plate		4		
6210	Primary movable plug component		4		
6211	Secondary movable plug-in		2		
6212	150, 160high general drawer back plate		2		
6213	Square bar -1	Square bar 8×8	2		
6214	CSL1/2 mechanical		2		
6215	spacer plate		1		
6216	aluminum rail		4		
6217	1/2 position fixing seat		2		
6387	Front stop 200 high	H=200	1	black	
6388	Front stop 200 high	H=200	1	gray	



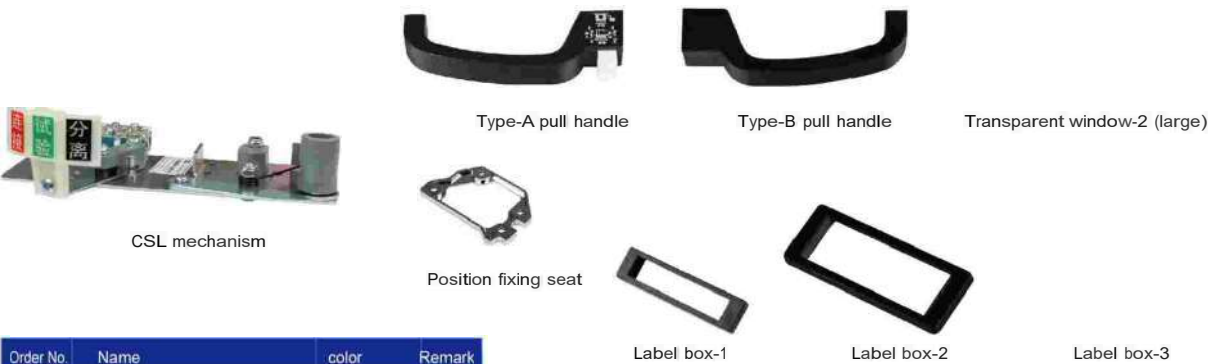
CSL 1/2 hand-pull mechanism
(applicable to 1/2unit drawer 150, 160, 200 high)



Order No.	Name	color	Remark
6214	CSL1/2 mechanism		
6205	1/2newpull-handle	Black	
6206	1/2newpull-handle	Grey	
6207	Transparent window-1 (small)	Transparent	
6228	labelbox-4	Transparent	
6217	1/2 position fixing seat		
6229	labelbox-1	Black	
6230	labelbox-2	Black	

- + The mechanism is a hand-pull pushing operating type with reliable locking and is easy to operate.
- + It provides a three-position display, namely position fixing, locking and interlock.
- + The electric operating mechanism can be provided with one opening and one closing change-over switch at the test position and operating position at the same time.

CSL-type hand-pull mechanism (applicable to unit drawer)



Order No.	Name	color	Remark
6231	CSL1/2mechanom		
6232	Type-A pull hand=	Black	
6233	Type-A pull hand=	Grey	
6234	Type-B pull handle (small)	Black	
6235	Type-B pull handle	Grey	
6236	Transparentwindow-2 (large)	Transparent	
6237	Positionfixing seat		
6229	label box-1	Black	
6230	label box-2	Black	
6238	label box-3	Transparent	

- + The mechanism is a hand-pull pushing operating type with reliable locking and is easy to operate.
- + It provides a three-position display, namely position fixing, locking and interlock.
- + The electric operating mechanism can be provided with one opening and one closing change-over switch at the test position and operating position at the same time.

CXJG-8 mechanism (applicable to unit drawer)

Structural features

Made of high-strength wear-resistant plastic, the mechanism is a double-headed screw structure. It is suitable for a unit drawer with large operating force and can save half of the operating force than ordinary mechanism. It is provided with text display and voice prompt of three positions, namely connect, test and separation. Red display in the operating position can better indicate the test position of drawer, and the operating position is provided with an independent opening and closing change-over switch. The electric operating mechanism can be provided with one opening and one closing change-over switch at the test position and operating position at the same time. The spacing from test position to operating position is 24mm. An additional stopper rail installed can improve the accuracy of drawer and reduce the difficulties in plugging and unplugging due to the deformation of mechanism mounting plate.

Operating position instructions

Separate position: the drawer can be cranked in an pulled out at this position, and the position displays "separation." The drawer shall be cranked in at the "separation" position. Test position: the mechanism is made to rotate clockwise at the separate position; the drawer moves forward to display "test" position; the micro switch is connected and also the secondary circuit; the main switch can be tested for opening and closing. The drawer is locked and cannot be pushed in or pulled out. Connect position: the mechanism is made to rotate clockwise at the separate position; the drawer moves to the position to display "connect"; the micro switch is disconnected. The primary and secondary circuits are connected, the main switch can be closed, the mechanism is locked,. The drawer is locked and can not be pushed in or pulled out.



Order No.	Name	color	Remark
6239	CXJG-8 mechanism		
6240	CXJG-8T		
6241	-8 mechanism position fixing seat	gray	
6207	Transparent window-1 (small)	Transparent	
6236	Transparent window-2 (large)	Transparent	
6242	-8 mechanism operating indicator	black	
6243	-8 mechanism operating indicator	gray	
6244	-8 mechanism limit block		
6245	U-shape guide element		
6246	Guideneedle (6mm thick)	black	
6389	Guideneedle (9mm thick)	black	
6234	Type-B pull handle	black	
6235	Type-B pull handle	gray	
6229	label box-1	black	
6230	label box-22	black	
6238	label box-3	Transparent	
6390	CXJG-8c,ank		
6577	-8inlerlockbracket (Hc6))		Square hole S,S
6578	-8inlerlockbracket (Hc60)		Square hole S,S
6579	-8inlerlockbracket (Hc60)		Square hole 10, 10
6580	-8inlerlockbracket (Hc17)		Square hole S,S
6581	-8inlerlockbracket (Hc17)		Square hole 10, 10
6582	-8inlerlockbracket (Hc145)		Square hole S,S
6583	-8inlerlockbracket (Hc145)		Square hole 10, 10

1/2 switching unit (for 150 high drawer)

Order No. 6218



1/2 switching unit (for 160 high drawer)

Order No. 6221



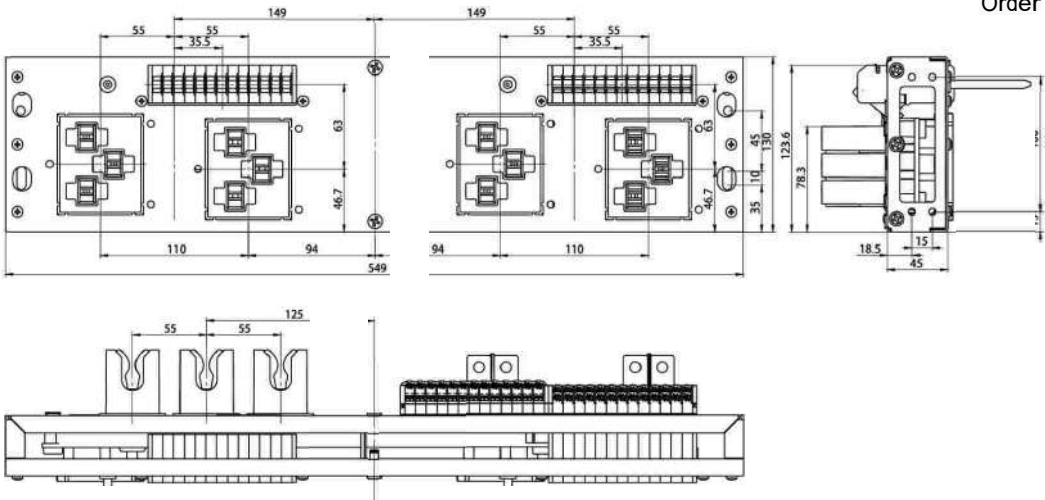
1/2 Switching Unit (for 200 high drawer)

Order No. 6227



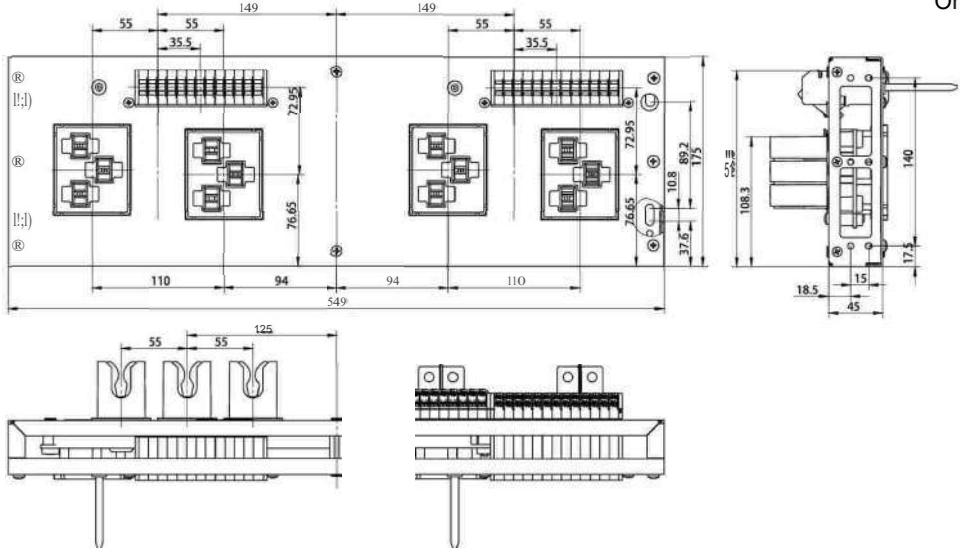
549*130*45 (55 spacing, drawer center distance 298) 125A*2

Order No. 6218



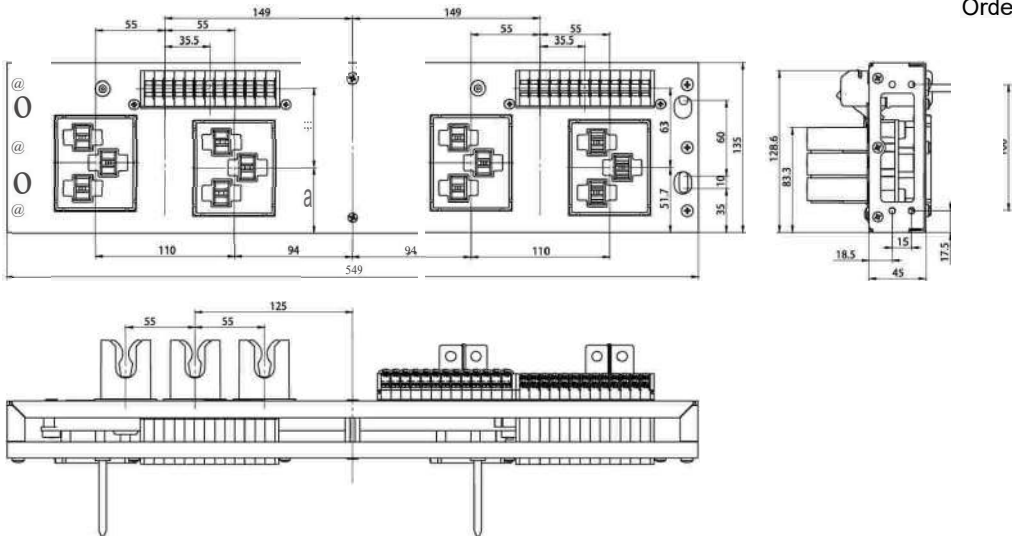
549*175*45 (55 spacing, drawer center distance 298) 125A*2

Order No. 6227



549*135*45 (55 spacing, drawer center distance 298) 125A*2

Order No. 6221



1/2 level-4 switching unit

Order No. 6251



Technical parameters

- + Rated voltage: AC690V
- + Rated insulation voltage: 1000V
- + Rated voltage: not more than 125A
- + Working withstand voltage: 2500v/Min
- + Secondary line number: 16-26 lines

1/2, 1/4 mixed side outgoing line switching unit

Order No. 6252



Technical parameters

- + Rated voltage: AC690V
- + Rated insulation voltage: 690V
- + Rated voltage: not more than 63A
- + Working withstand voltage: 2500v/Min
- + Phase B center to spacer plate center: 125mm

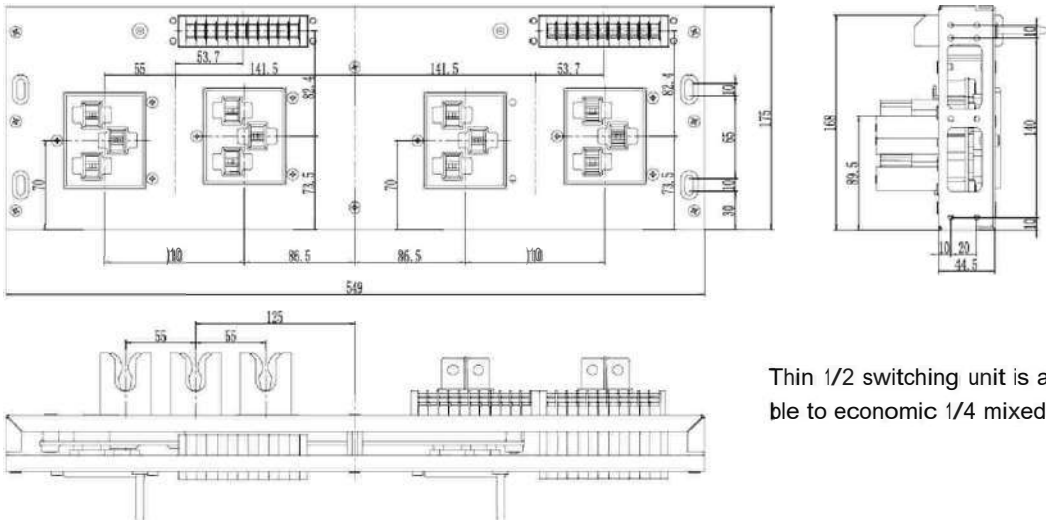
1/2 switching unit
(drawer center distance 283)



1/4 switching unit

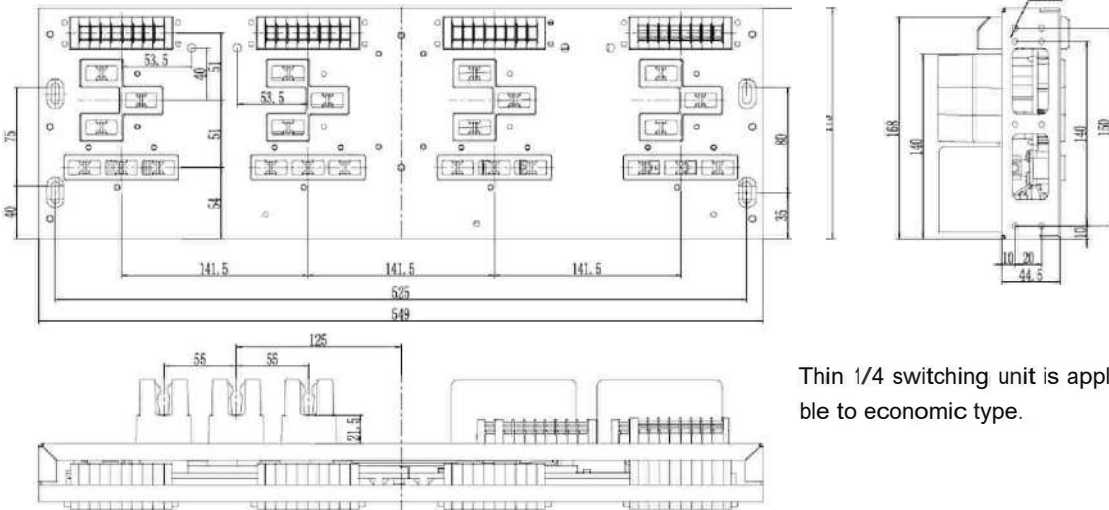


549*175 (55 spacing) 125A*2 Order No. 6247



Thin 1/2 switching unit is applica-
ble to economic 1/4 mixed type

549*175 (55 spacing) 63A*4 Order No. 6248

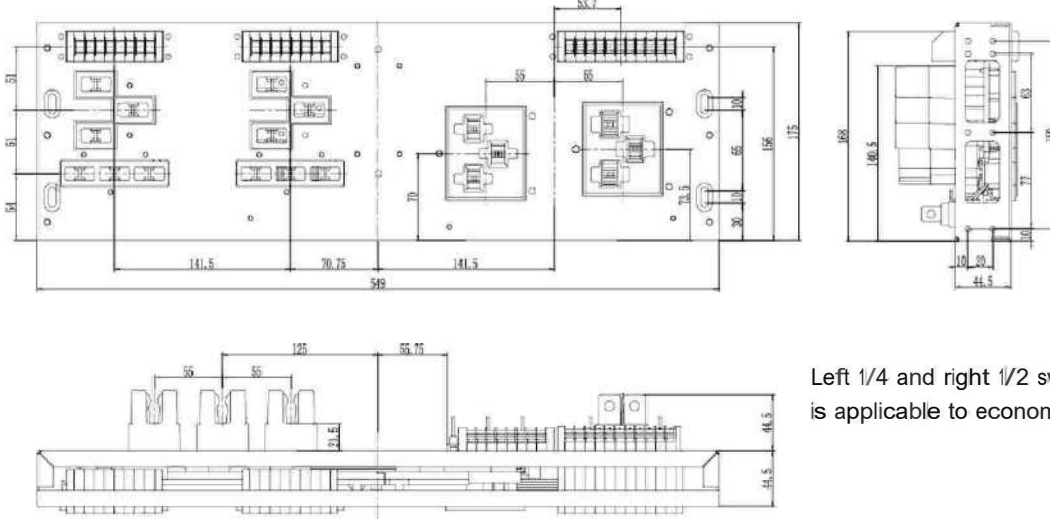


Thin 1/4 switching unit is applica-
ble to economic type.

1/2, 1/4 mixed switching unit 1/2 side outgoing line switching unit

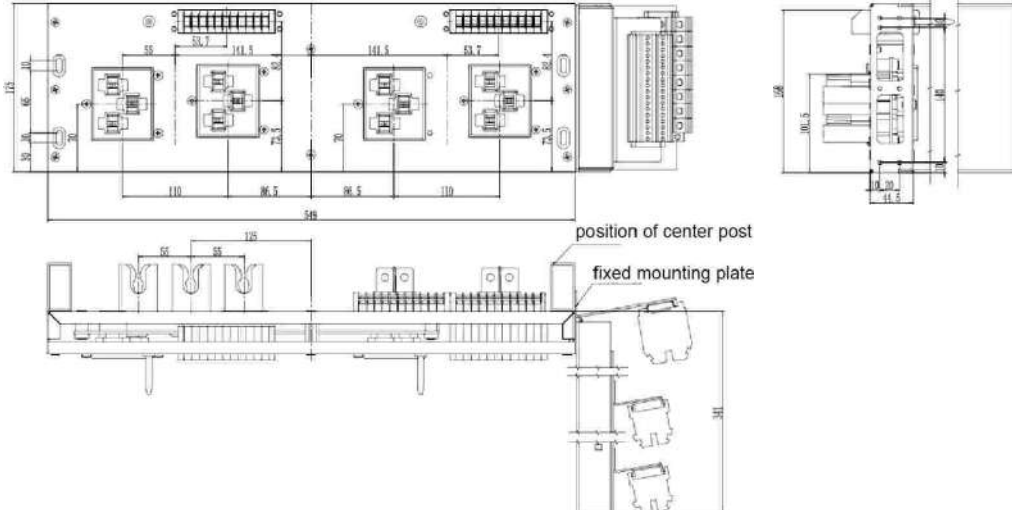


549*175 (55 spacing) 125A*2 Order No. 6249



Left 1/4 and right 1/2 switching unit
is applicable to economic type.

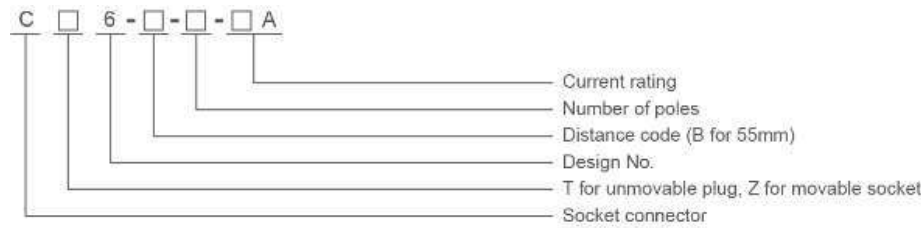
549*175 (55 spacing) 125A*2 Order No. 6250



position of center post
fixed mounting plate

CZ (T) 6 New Socket Connector for the Main Circuit

Structural features



Structural features and applications

The movable plug-in of CZ6 and CT6 series used for the main circuit is a proprietary product designed and developed by our company based on the high indexes and performance of socket connectors required by the market, whose product performance and technical indicators have reached the international advanced level. It is featured by long contact line of contact, large heat dissipation area, pressure springs with temperature compensation, low contact resistance, low temperature rise, attractive appearance and other characteristics.

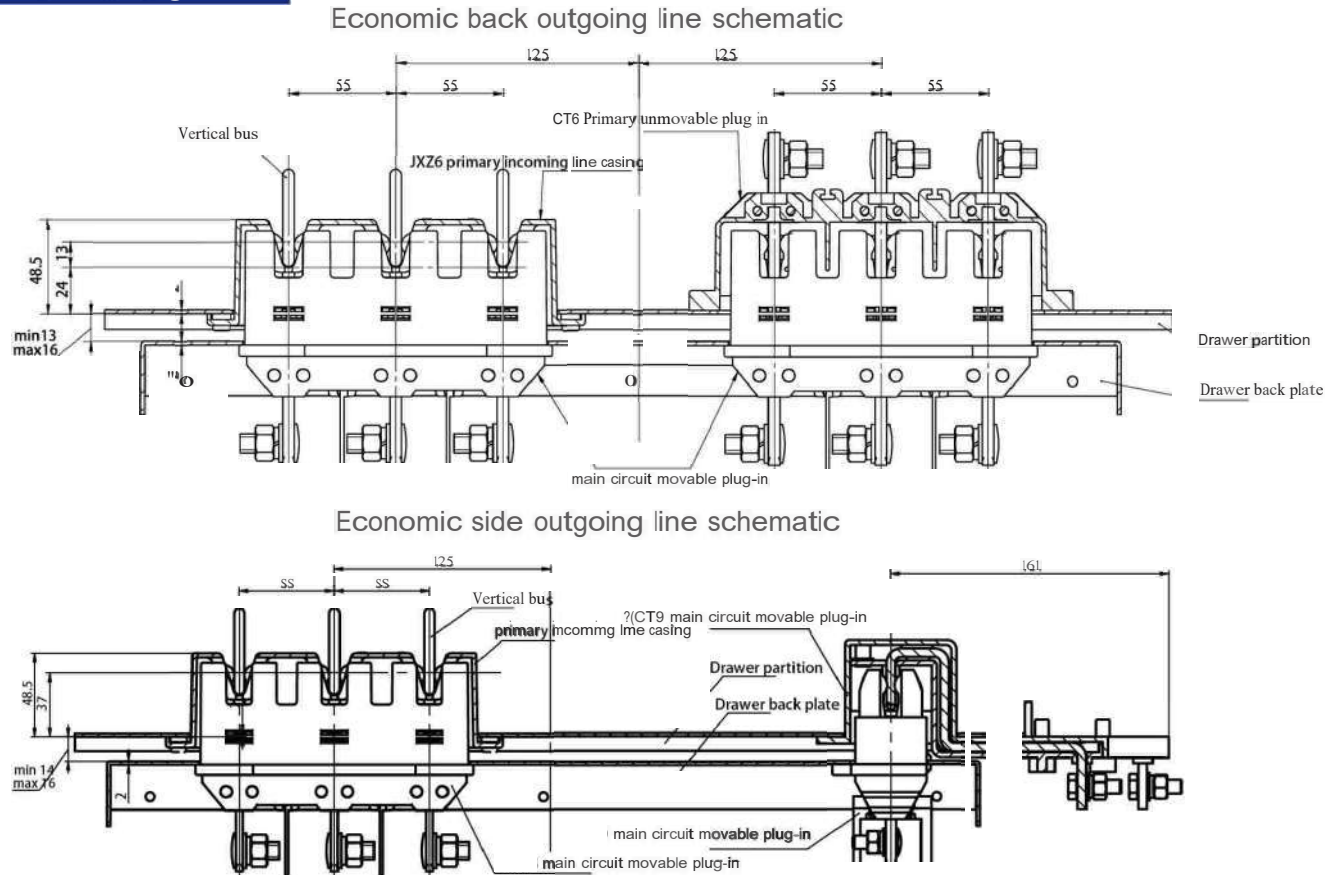
The socket connectors of CZ6 and CT6 series for the main circuit can be widely used in low-voltage withdrawable switchgear and control equipments, such as GCK, GCS, MNS, economic MNS, economic GCS and other drawer switch cabinets, as the electrical connector of the main circuit.

Main technical parameters

Rated voltage: AC690V
Current Rating: 125A, 250A, 400A, 630A
Rated insulation voltage: 1000V
Power frequency withstand voltage: 3500V

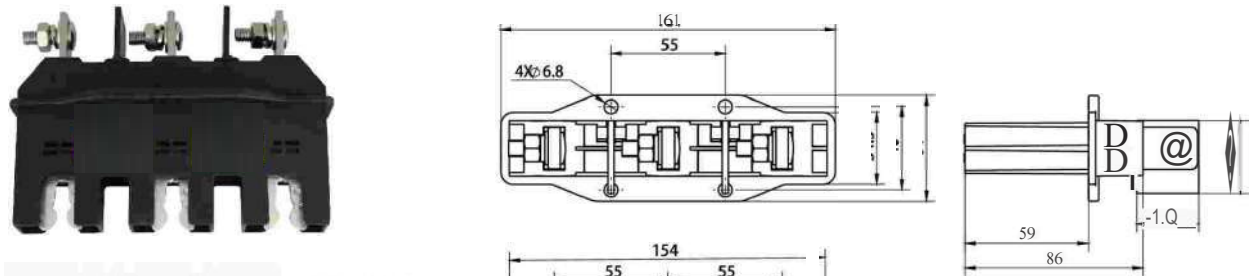
Permissible operating temperature: 125 °C
Vertical bus distance: 55mm
Vertical bus thickness: 6mm

Installation diagram

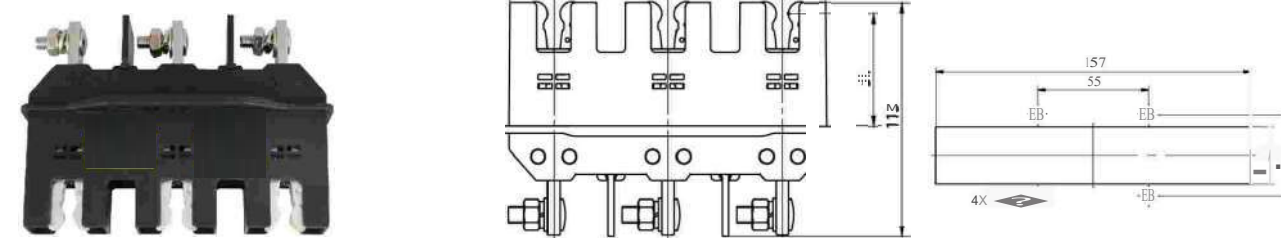


CZ6 main circuit movable plug-in (3 poles)

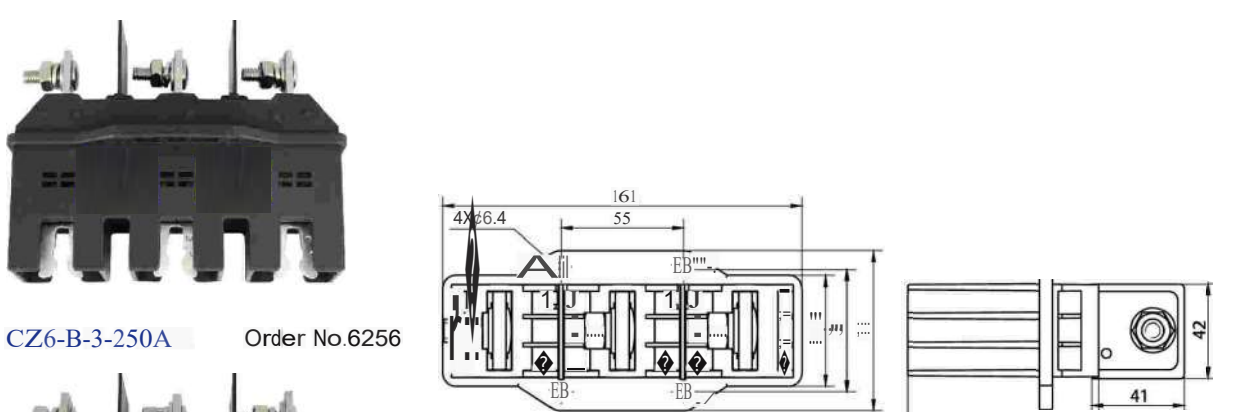
CZ6-B-3-125A-1(thin) Order No.6253



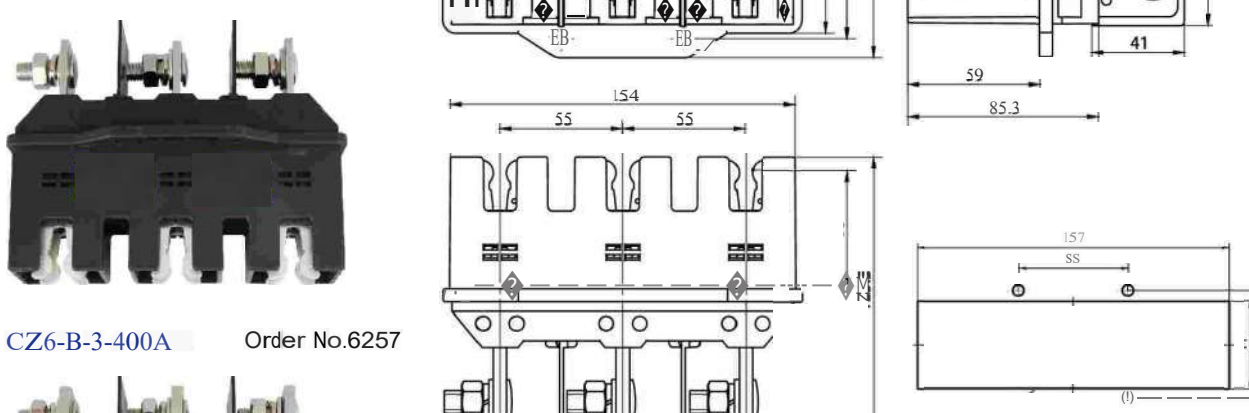
CZ6-B-3-250A-1(thin) Order No.6254



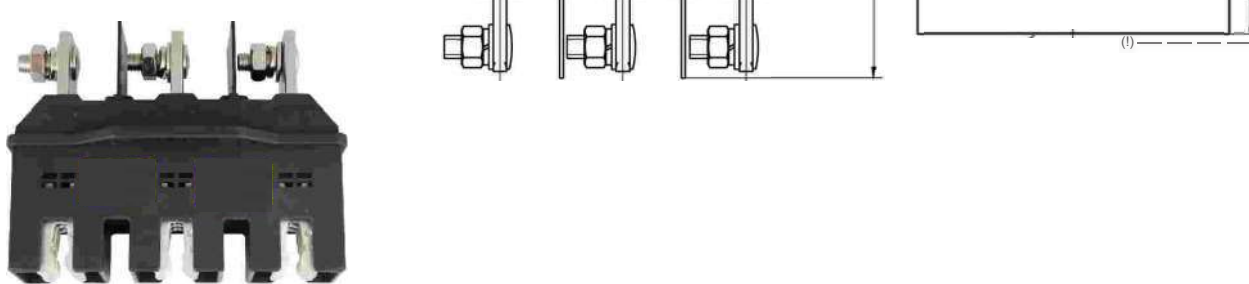
CZ6-B-3-125A Order No.6255



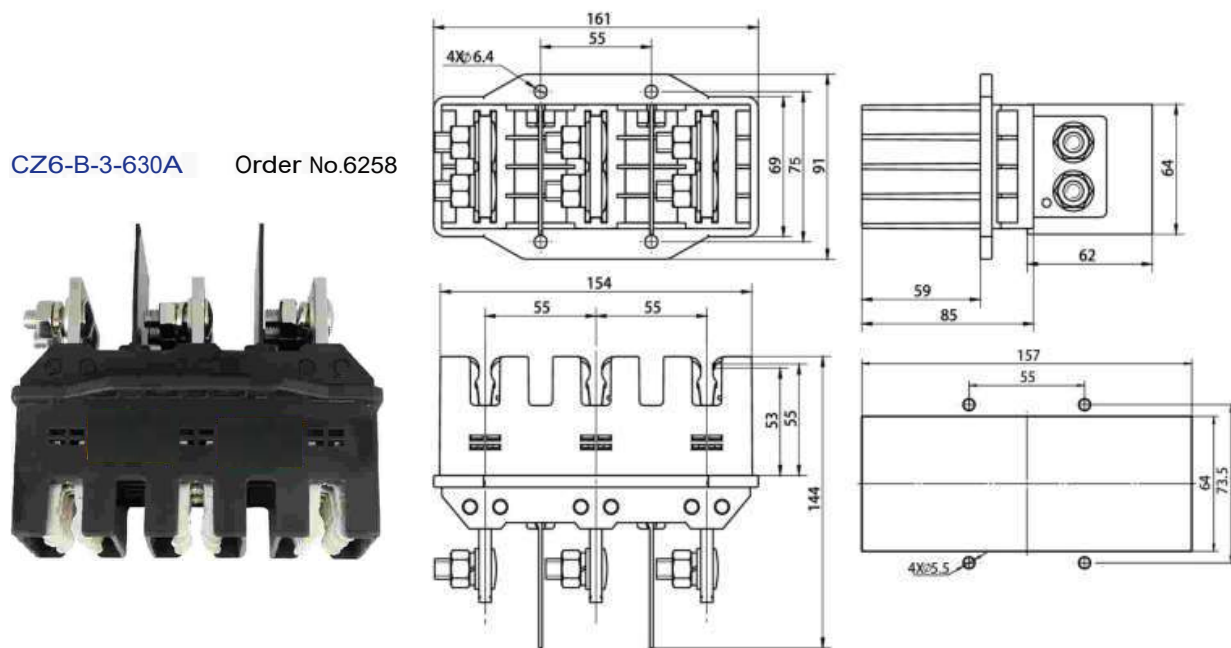
CZ6-B-3-250A Order No.6256



CZ6-B-3-400A Order No.6257

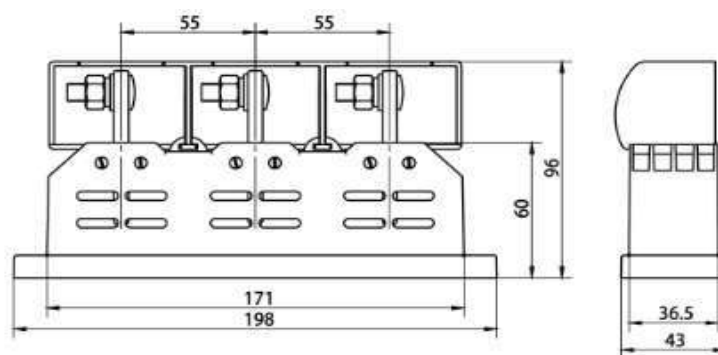
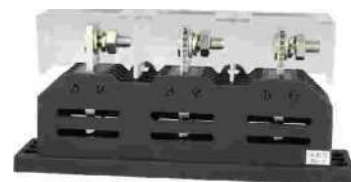


CZ6-B-3-630A Order No.6258

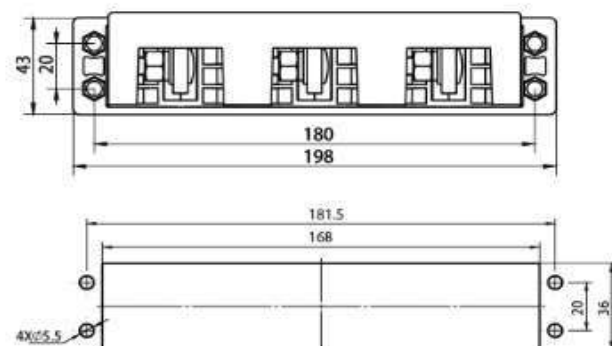


CT6 Primary unmovable plug in (3 poles)

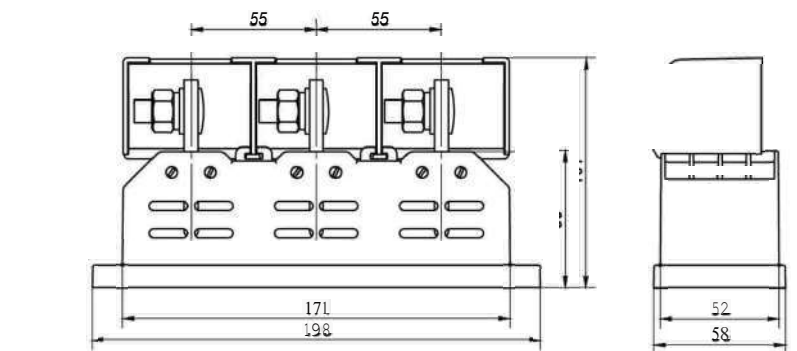
CT6-B-3-125A-1(thin) Order No.6259



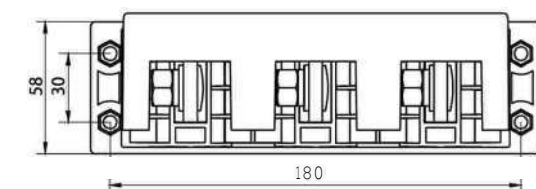
CT6-B-3-250A-1(thin) Order No.6260



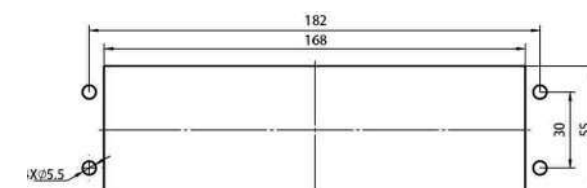
CT6-B-3-125A Order No.6261



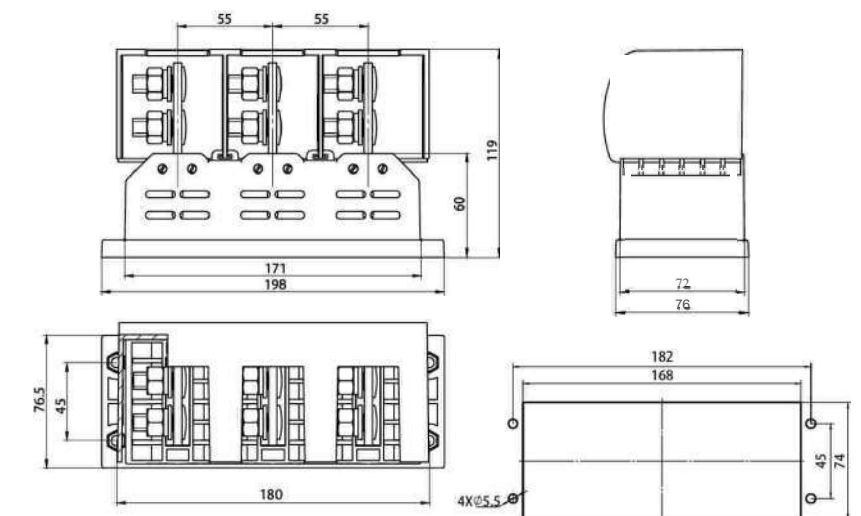
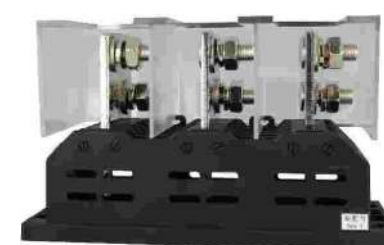
CT6-B-3-250A Order No.6262



CT6-B-3-400A Order No.6263



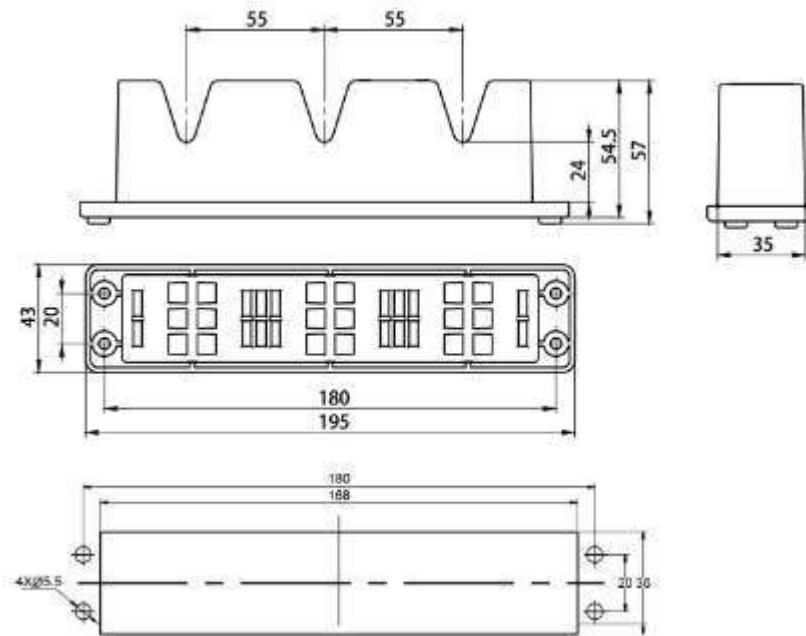
CT6-B-3-630A Order No.6264



JXZ6 primary incoming line casing (3 poles)

JXZ6-B-3-125A-I(thin)

Order No.6265



JXZ6-B-3-250A-I(thin)

Order No.6266



JXZ6-B-3-125A

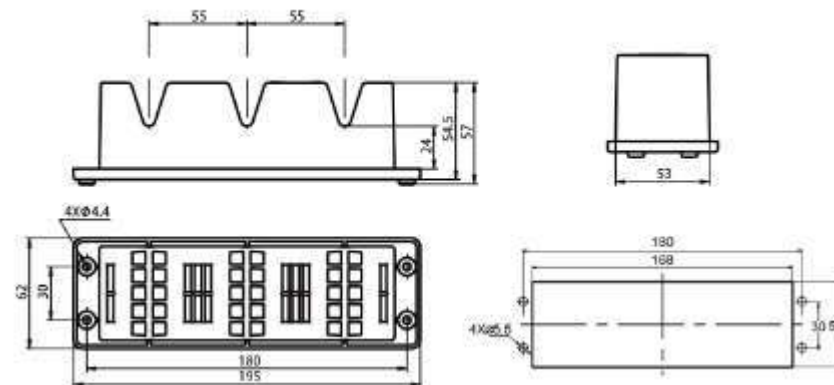
Order No.6267

JXZ6-B-3-250A

Order No.6267

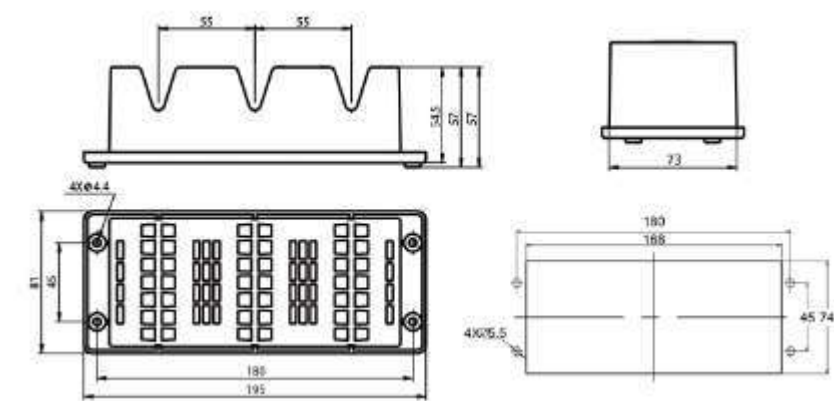
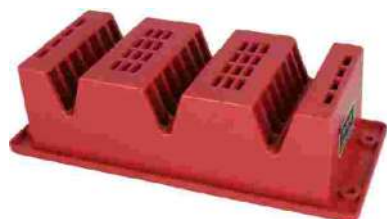
JXZ6-B-3-400A

Order No.6267



JXZ6-B-3-630A

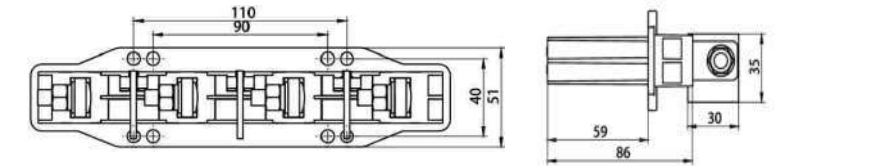
Order No.6268



CZ6 main circuit movable plug-in (4 poles)

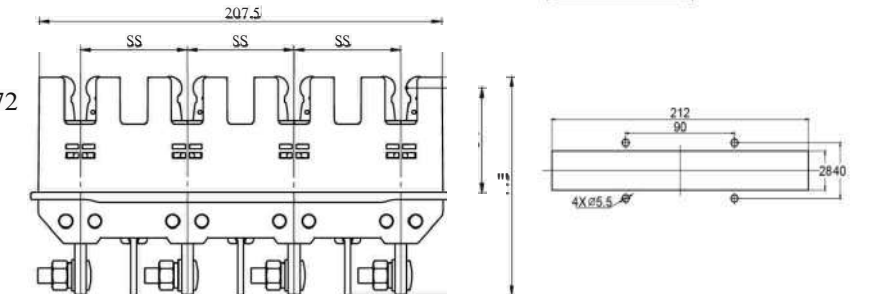
CZ6-B-4-125A-I(thin)

Order No.6271



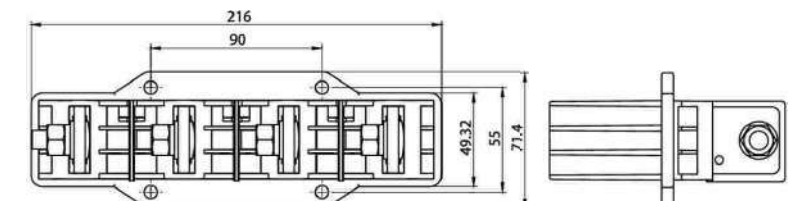
CZ6-B-4-250A-I(thin)

Order No.6272



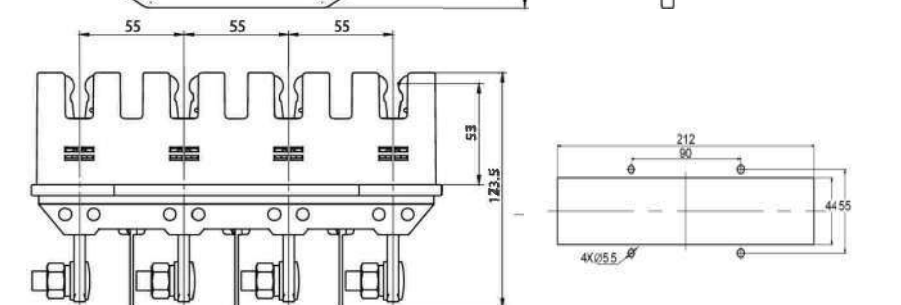
CZ6-B-4-125A

Order No.6273



CZ6-B-4-250A

Order No.6274

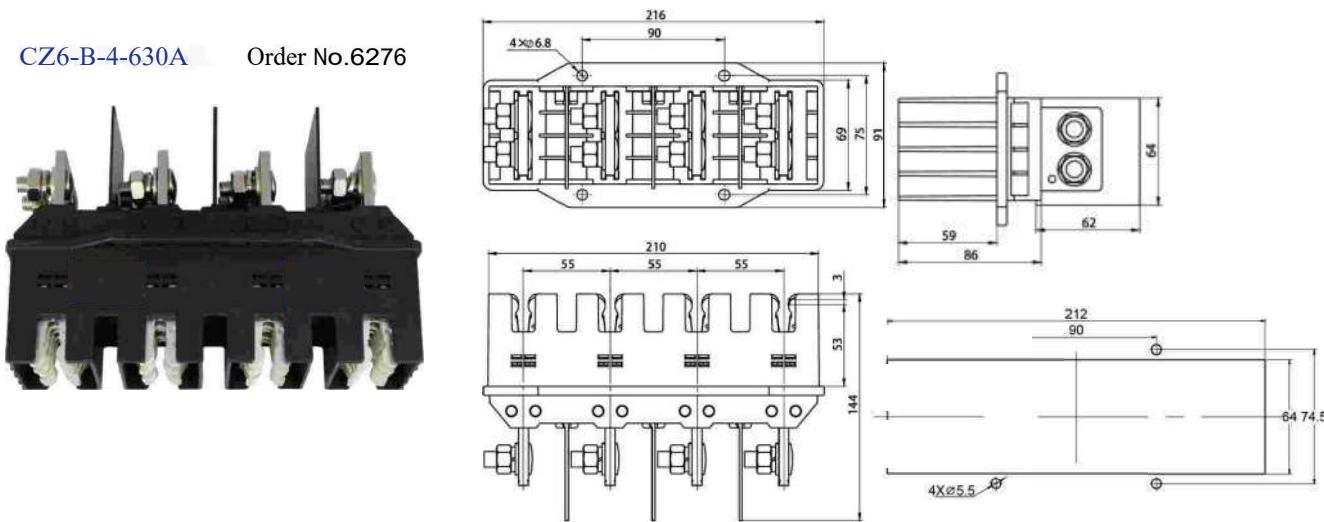


CZ6-B-4-400A

Order No.6275

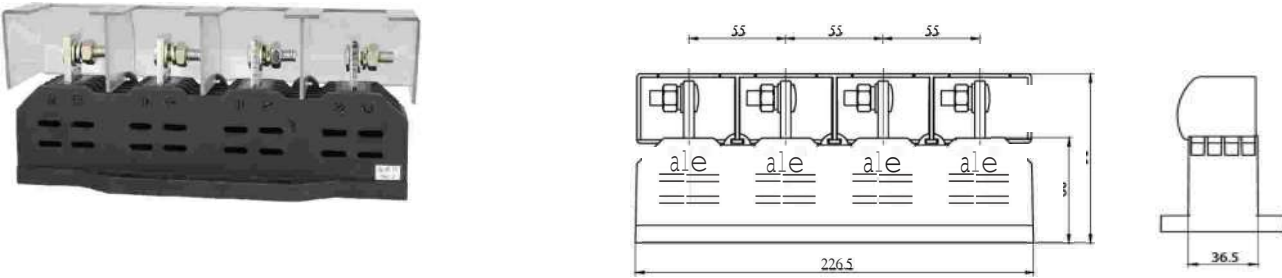


CZ6-B-4-630A Order No.6276

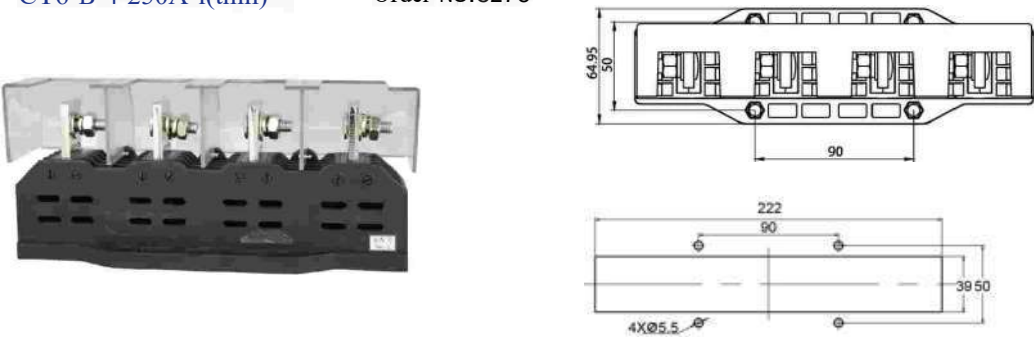


CT6 Primary unmovable plug in (4 poles)

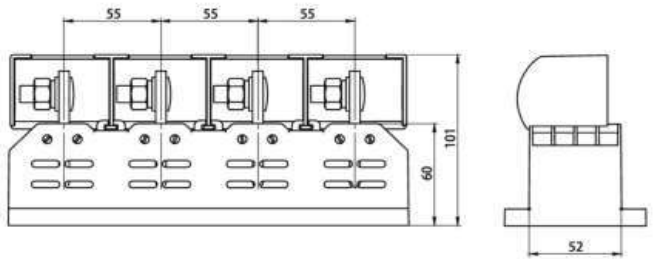
CT6-B-4-125A-I(thin) Order No.6277



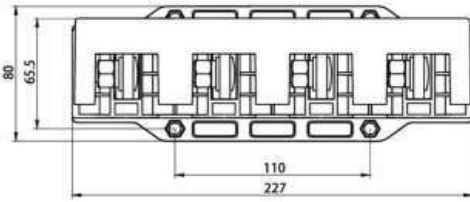
CT6-B-4-250A-I(thin) Order No.6278



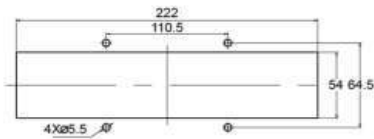
CT6-B-4-125A Order No.6279



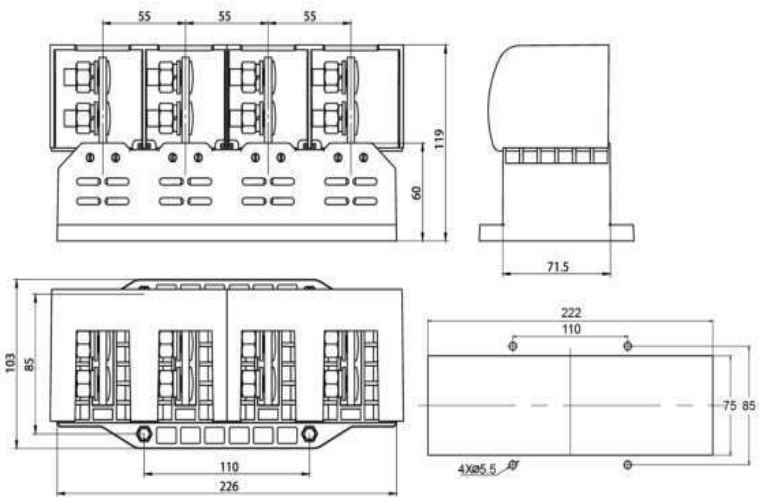
CT6-B-4-250A Order No.6280



CT6-B-4-400A Order No.6281



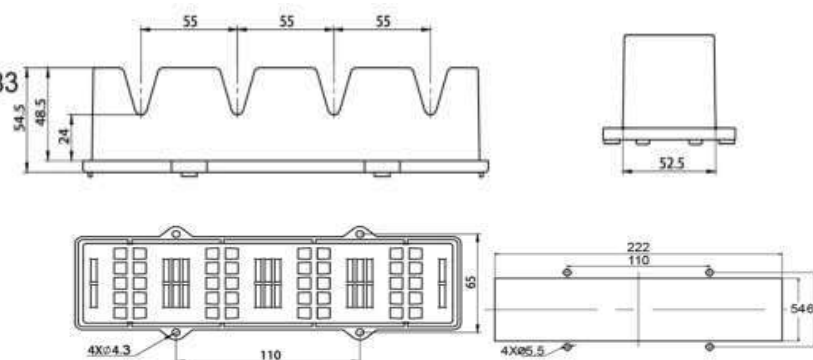
CT6-B-4-630A Order No.6282



JXZ6 primary incoming line casing (4 poles)

JXZ6-B-4-250A-I(thin)

Order No.6283



JXZ6-B-4-125A-I(thin)

Order No.6284

JXZ6-B-4-125A

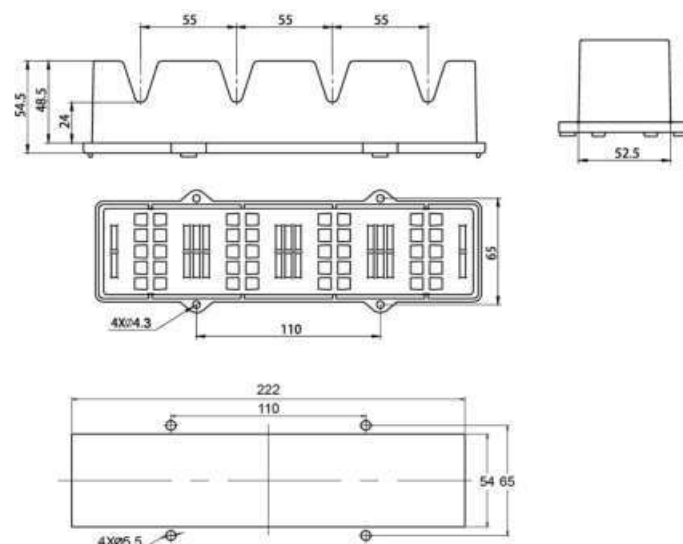
Order No.6284

JXZ6-B-4-250A

Order No.6284

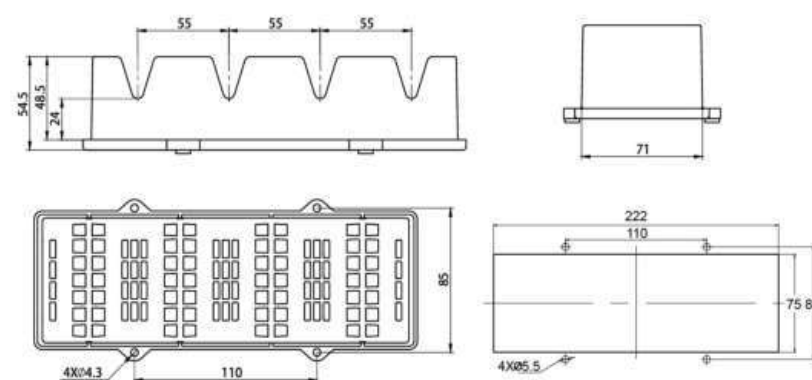
JXZ6-B-4-400A

Order No.6284



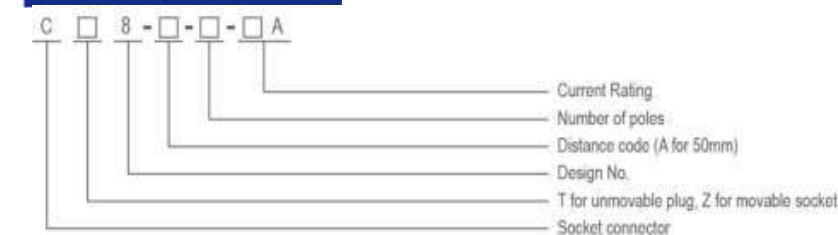
JXZ6-B-4-630A

Order No.6288



CZ (T) 8 new socket connector for the main circuit

Structural features



Structural features and applications

The socket connector of CZ8 and CT9 series for the main circuit is a proprietary product designed and developed by our company based on the high indexes and performance of socket connectors required by the market, whose product performance and technical indicators have reached the international advanced level. It is featured by long contact line of contact, large heat dissipation area, pressure springs with temperature compensation, low contact resistance, low temperature rise, attractive appearance and other characteristics.

Through the replacement of serial busbar bushing plate, CZ8 series socket connector for the main circuit may completely replace the wire-type socket connector of MNS switchgear contact. Reliable to contact and safe to operate, copper bar can be coupled in the drawer and the back plate of drawer is made of steel plate. Both the movable plug-in CZ8 and unmovable plug CJT10, (namely CZ8 plug-in for incoming line, CZ6 and CT6 pairing for outgoing line) can be used as a half-block function plate for the selection of back outgoing line solution, and CZ9 and CT9 pairing can be applied to the side outgoing line solution of MNS standard and various common cabinets. It is widely used in low-voltage withdrawable switchgear and control equipments.

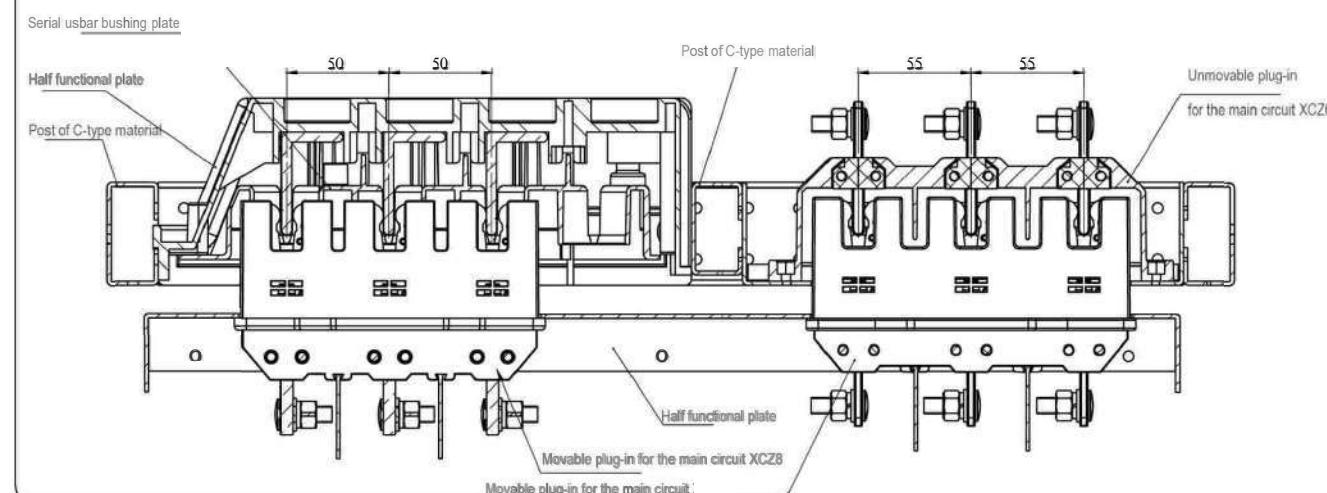
Main technical parameters

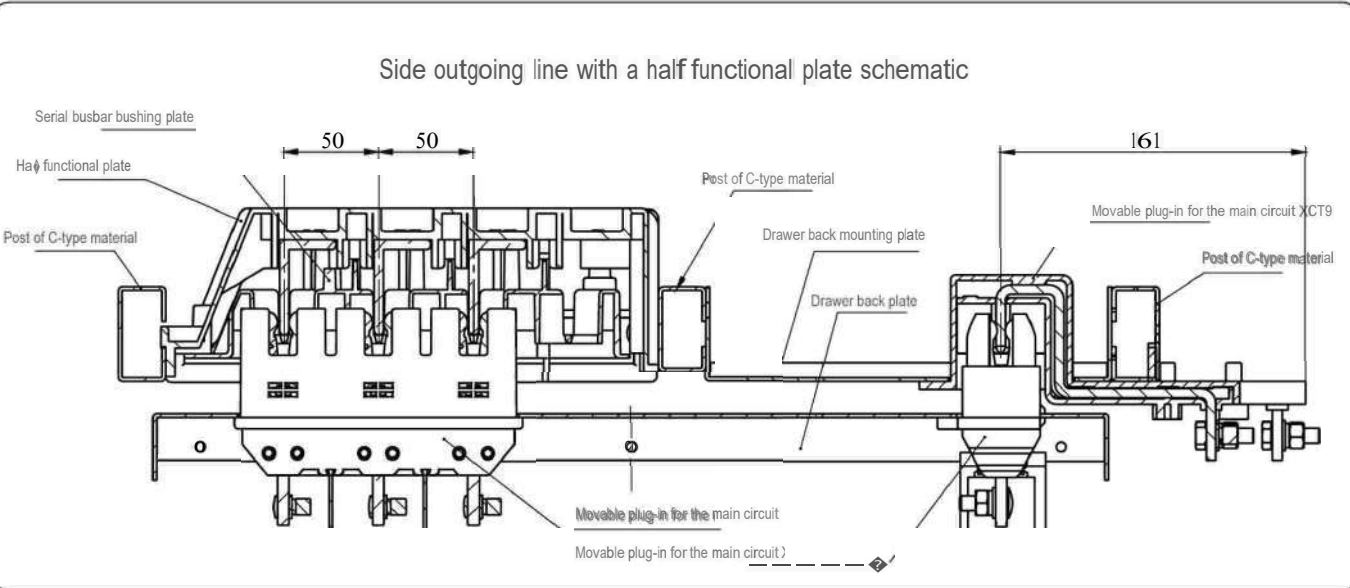
Rated voltage: AC690V
Current rating: 125A, 250A, 400A
Isolation voltage: 1000V
Power frequency withstand voltage: 3500V

Permissible working temperature: 125 °C
Vertical bus distance: 50mm
Vertical bus thickness: 5mm

Installation diagram

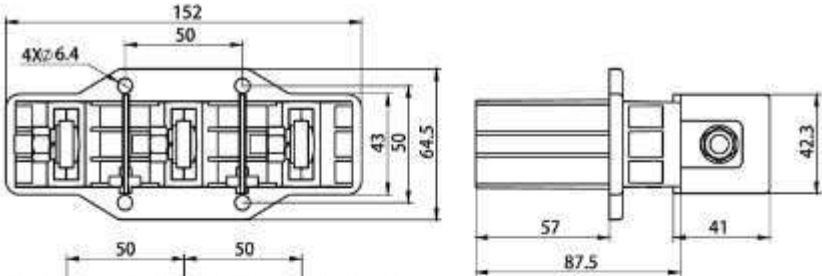
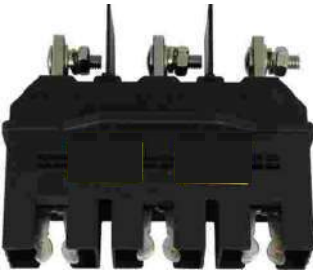
Back outgoing line with a half functional plate schematic



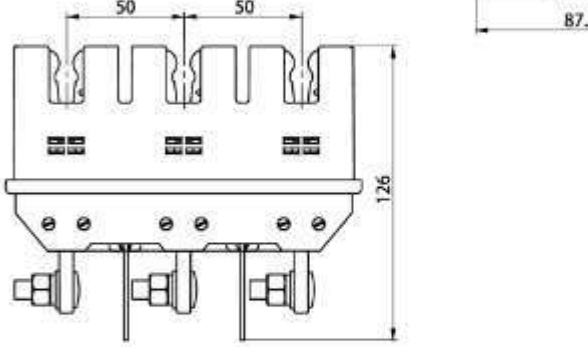
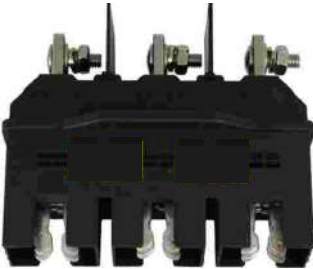


CZ8 movable plug-in for the main circuit (3 poles)

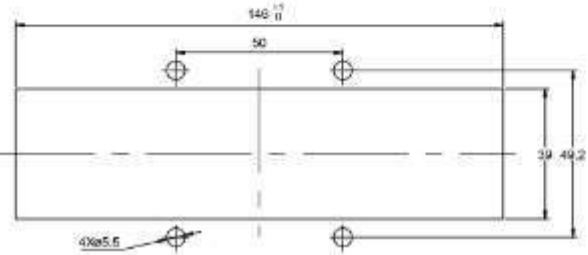
CZ8-A-3-125A Order No.6289



CZ8-A-3-250A Order No.6290

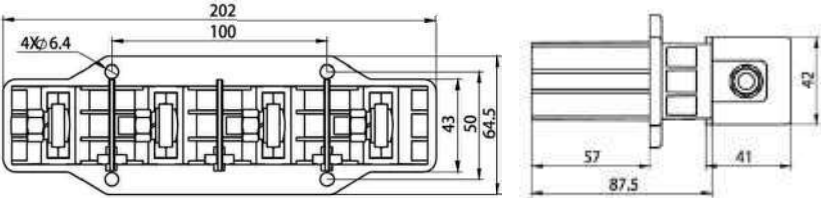
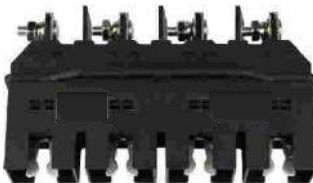


CZ8-A-3-400A Order No.6291

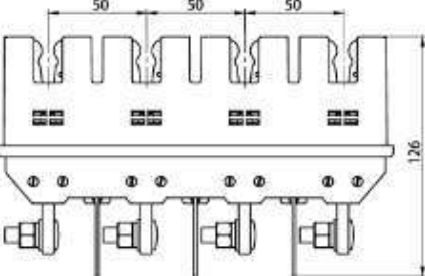
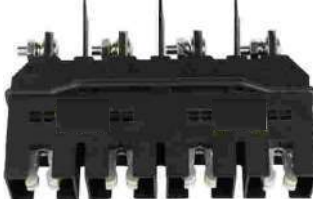


CZ8 movable plug-in for the main circuit (4 poles)

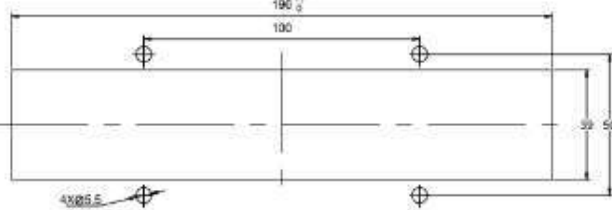
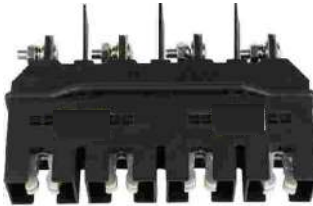
CZ8-A-4-125A Order No.6292



CZ8-A-4-250A Order No.6293



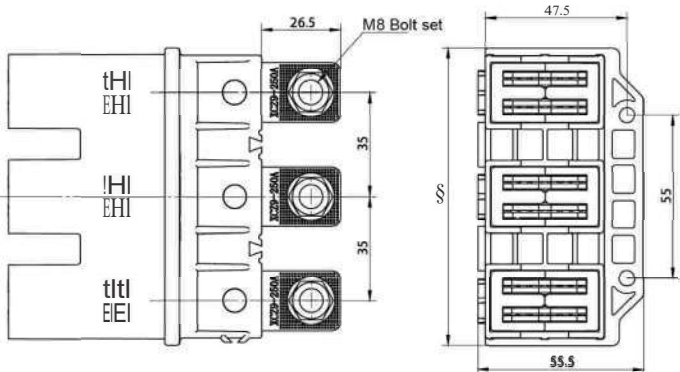
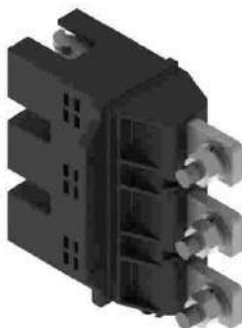
CZ8-A-4-400A Order No.6294



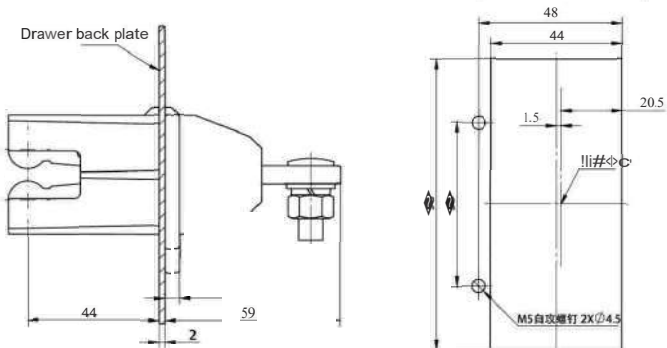
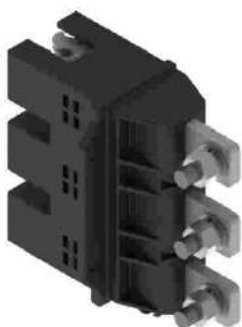
A common plug-in (3 poles) order list	Order No.	Name	Specifications	color	accessory	Insert number	Bolt	Remark
	6253	XCZ6-B-3-125A-1(thin)	Movable plug-in 125A(3 poles)	black	with arc insulating slice(small)	2	MS	the same mounting cut-out drawing
	6254	XCZ6-B-3-250A-1(thin)	Movable plug-in 250A(3 poles)	black	with arc insulating slice(small)	4	MS	the same mounting cut-out drawing
	6255	XCZ6-B-3-125A	Movable plug-in 125A(3 poles)	black	with arc insulating slice (medium)	2	MS	the same mounting cut-out drawing
	6256	XCZ6-B-3-250A	Movable plug-in 250A(3 poles)	black	with arc insulating slice (medium)	4	MS	the same mounting cut-out drawing
	6257	XCZ6-B-3-400A	Movable plug-in 400A(3 poles)	black	with arc insulating slice (medium)	6	M 10	the same mounting cut-out drawing
	6258	XCZ6-B-3-630A	Movable plug-in 630A(3 poles)	black	with arc insulating slice (large)	10	M 10	the same mounting cut-out drawing
	6259	XCT6-B-3-125A-1(thin)	Unmovable plug-in 125A(3 poles)	black	with transparent cover(small)		MS	the same mounting cut-out drawing
	6260	XCT6-B-3-250A-1(thin)	Unmovable plug-in 250A(3 poles)	black	with transparent cover(small)		MS	the same mounting cut-out drawing
	6261	XCT6-B-3-125A	Unmovable plug-in 125A(3 poles)	black	with transparent cover (medium)		MS	the same mounting cut-out drawing
	6262	XCT6-B-3-250A	Unmovable plug-in 250A(3 poles)	black	with transparent cover (medium)		MS	the same mounting cut-out drawing
	6263	XCT6-B-3-400A	Unmovable plug-in 400A(3 poles)	black	with transparent cover (medium)		M 10	the same mounting cut-out drawing
	6264	XCT6-B-3-630A	Unmovable plug-in 630A(3 poles)	black	with transparent cover (large)		M 10	the same mounting cut-out drawing
	6265	JXZ6-B-3-125A-1 (thin)	Incoming line casing 125A(3 poles)					the same mounting cut-out drawing
	6266	JXZ6-B-3-250A-1 (thin)	Incoming line casing 250A(3 poles)					the same mounting cut-out drawing
	6267	JXZ6-B-3-125A	Incoming line casing 125A(3 poles)					the same mounting cut-out drawing
	6267	JXZ6-B-3-250A	Incoming line casing 250A(3 poles)					the same mounting cut-out drawing
	6267	JXZ6-B-3-400A	Incoming line casing 400A(3 poles)					the same mounting cut-out drawing
	6268	JXZ6-B-3-630A	Incoming line casing 630A(3 poles)					the same mounting cut-out drawing

Movable plug-in for the main circuit CZ9 (3 poles)

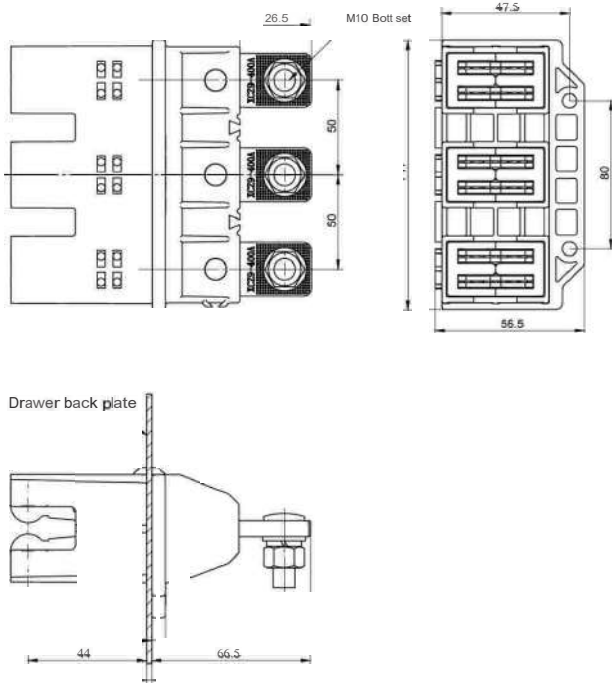
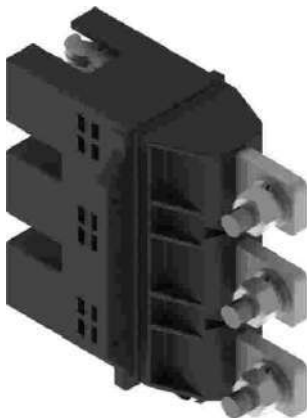
CZ9-3-125A Order No.6295



CZ9-3-250A Order No.6296

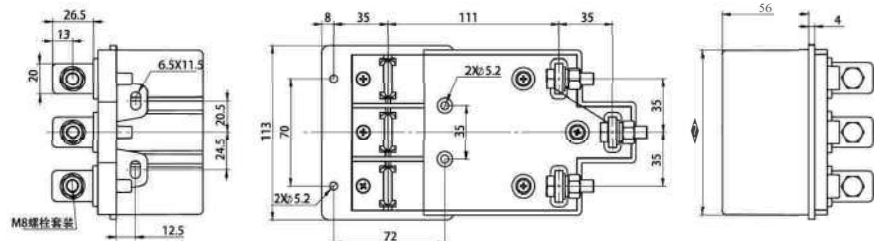


CZ9-3-400A Order No.6297

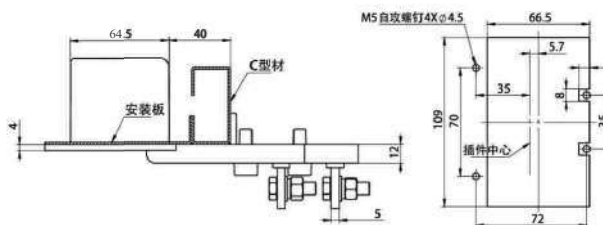


Unmovable plug-in for the main circuit CT9 (3 poles)

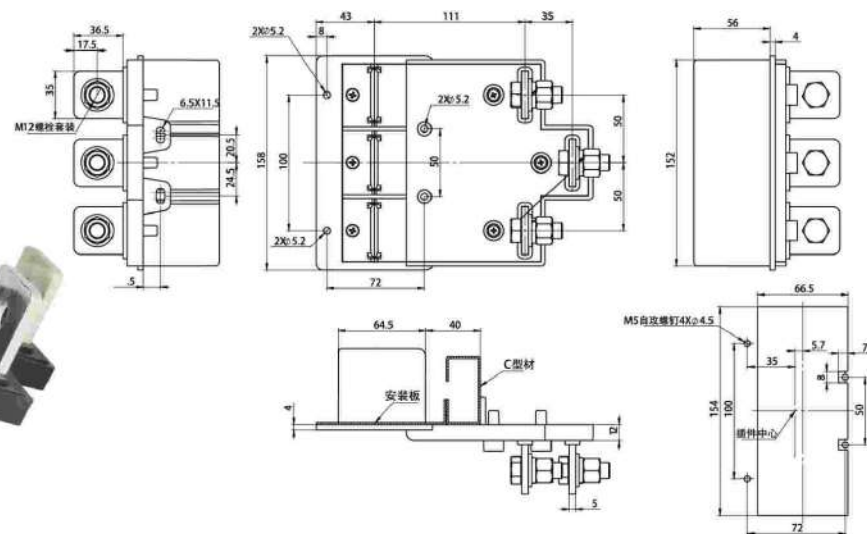
CT9-3-125A Order No.6298



CT9-3-250A Order No.6299

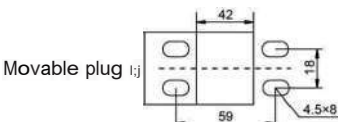


CT9-3-400A Order No.6300

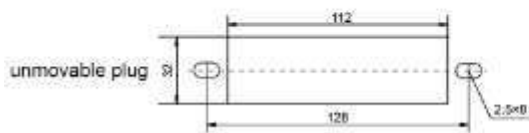
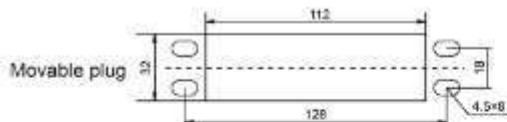


Multi-loop main plug-in

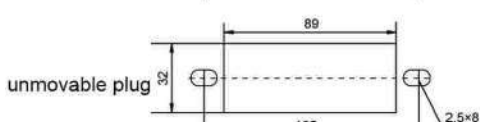
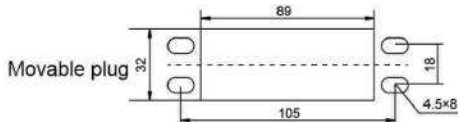
CZ5-1-63A Order No.6559



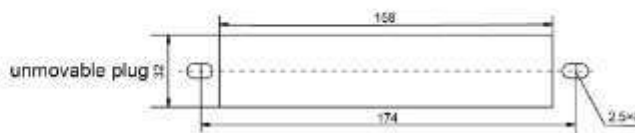
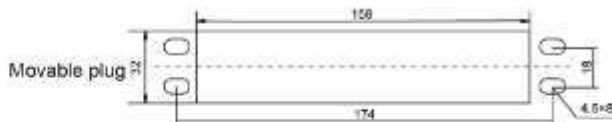
CZ5-4-63A Order No.6561



CZ5-3-63A Order No.6560

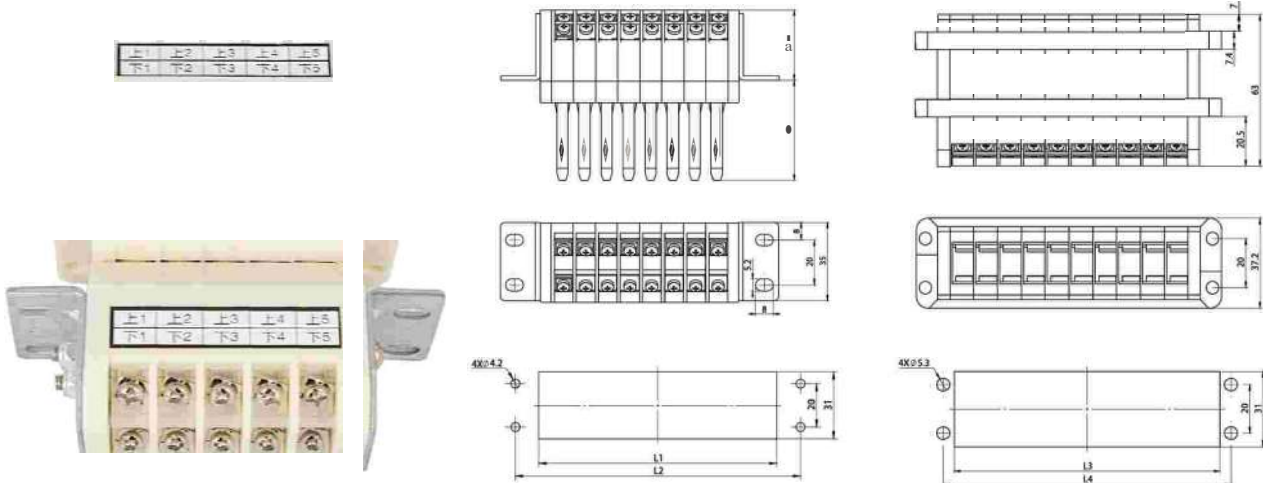


CZ5-6-63A Order No.6562



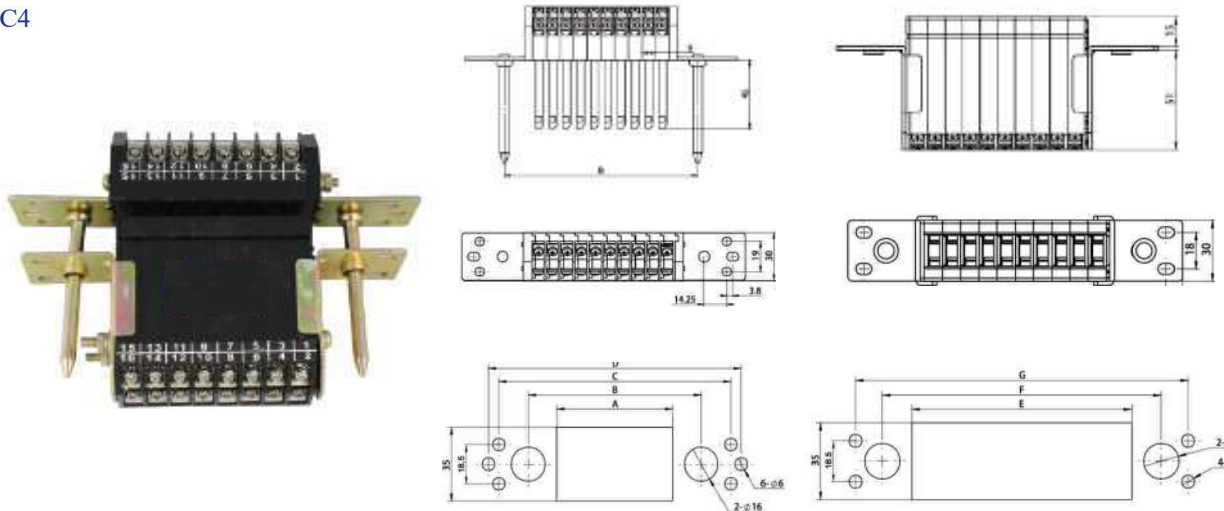
Secondary plug-in series

JCF9



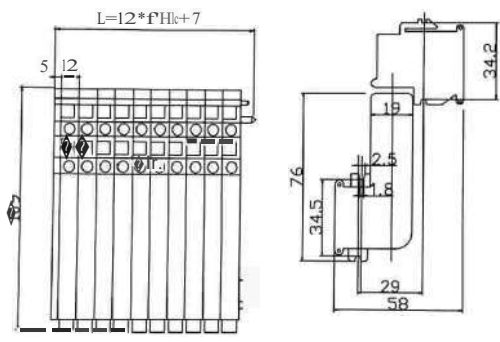
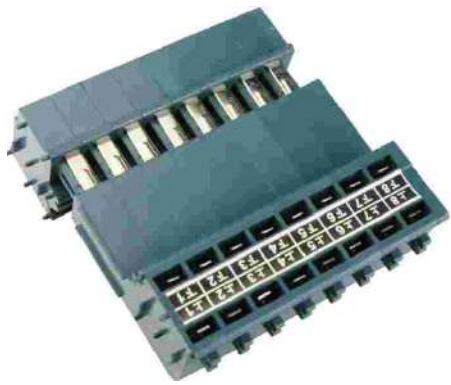
Order No.	6301	6302	6303	6304	6305	6306	6307	6308	6309	6310	6311
poles	6	10	12	16	20	22	24	26	30	32	36
L1	41	61	71	91	111	121	131	141	161	171	191
L2	63	83	93	113	133	143	153	163	183	193	213
L3	41	61	71	91	111	121	131	141	161	171	191
L4	50	70	80	100	120	130	140	150	170	180	200

RC4



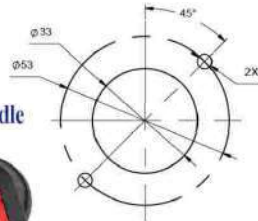
Order No.	6312	6313	6314	6315	6316	6317	6318	6319	6320	6321	6322	6323	6324	6325
poles	6	8	10	12	14	16	18	20	22	24	26	28	30	32
A	37	46	55	64	73	82	91	100	109	118	127	136	145	154
B	64	73	82	91	100	109	118	127	136	145	154	163	172	181
C	92	101	110	119	128	137	146	155	164	173	182	191	200	209
D	102	111	120	129	138	147	156	165	174	182	189	198	207	216
E	37	46	55	64	73	82	91	100	109	118	127	136	145	154
F	64	73	82	91	100	109	118	127	136	145	154	163	172	181
G	88.5	97.5	106.5	115.5	124.5	133.5	142.5	151.5	160.5	169.5	178.5	187.5	196.5	205.5

JFC2



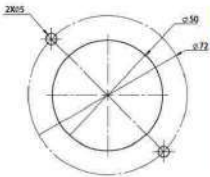
Order No	model	L
6521	JFC2-5	67
6522	JFC2-6	79
6523	JFC2-8	103
6563	JFC2-10	127
6563	JFC2-12	151

Type-B mechanism operating handle



Order No	Name	Specification	Color	Remark
6391	B1 handle	Handle center H=65	Black(red)	With supporting 30square bar
6392	B2 handle	Handle center H=80	Black(red)	With supporting 30square bar
6393	B3 handle	Handle center H=95	Black(red)	With supporting 10X10square bar
6394	B4 handle	Handle center H=125	Black(red)	With supporting 10X10square bar
6395	B1 handle	Handle center H=65	grey(red)	With supporting 30square bar
6396	B2 handle	Handle center H=80	grey(red)	With supporting 30square bar
6397	B3 handle	Handle center H=95	grey(red)	With supporting 10X10square bar
6398	B4 handle	Handle center H=125	grey(red)	With supporting 10X10square bar
6399	B1 handle	Handle center H=65	grey(white)	With supporting 30square bar
6400	B2 handle	Handle center H=80	grey(white)	With supporting 30square bar
6401	B3 handle	Handle center H=95	grey(white)	With supporting 10X10square bar
6402	B4 handle	Handle center H=125	grey(white)	With supporting 10X10square bar
6403	B3 handle	Handle center H=95	Black(red)	With supporting 30square bar
6404	B4 handle	Handle center H=125	Black(red)	With supporting 30square bar
6405	B3 handle	Handle center H=95	grey(red)	With supporting 30square bar
6406	B4 handle	Handle center H=125	grey(red)	With supporting 30square bar
6407	B3 handle	Handle center H=95	grey(white)	With supporting 30square bar
6408	B4 handle	Handle center H=125	grey(white)	With supporting 30square bar

Type-D mechanism operating handle



Order No	Name	Specification	Color	Remark
6409	D1(Small)	With supporting 8*8 square bar	Black	
6410	D2(Large)	With supporting 8*8 square bar	Black	
6411	D1(Small)	With supporting 10*10 square bar	Black	
6412	D2(Large)	With supporting 10*10 square bar	Black	

Type-F mechanism operating handle

F1 handle H=45
Order No.6337



(applicable to 1/2 unit drawer)
With supporting 8X8square bar

F2 handle H=65
Order No.6339



(applicable to unit drawer)
With supporting 8X8square bar

F3 handle H=95
Order No.6341



(applicable to unit drawer)
With supporting 8X8square bar

F4 handle H=125
Order No.6343



(applicable to unit drawer)
With supporting 8X8square bar

F3 handle(Black Wilb supporting 10X10square bar)
Order No.6413
F3 handle(grey Wilb supporting 10X10square bar)
Order No.6414
F4 handle(Black Wilb supporting 10X10square bar)
Order No.6415
F4 handle(grey Wilb supporting 10X10square bar)
Order No.6416

Order No.6338



(applicable to 1/2 unit drawer)
With supporting 8X8square bar

Order No.6340



(applicable to unit drawer)
With supporting 8X8square bar

Order No.6342



(applicable to unit drawer)
With supporting 8X8square bar

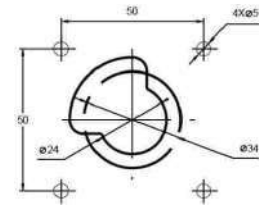
Order No.6344



(applicable to unit drawe)
With supporting 8X8square bar

H mechanism operating handle

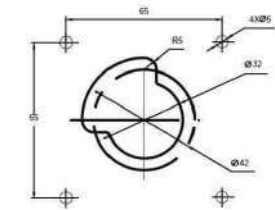
H1 handle H=45
Order No.6345



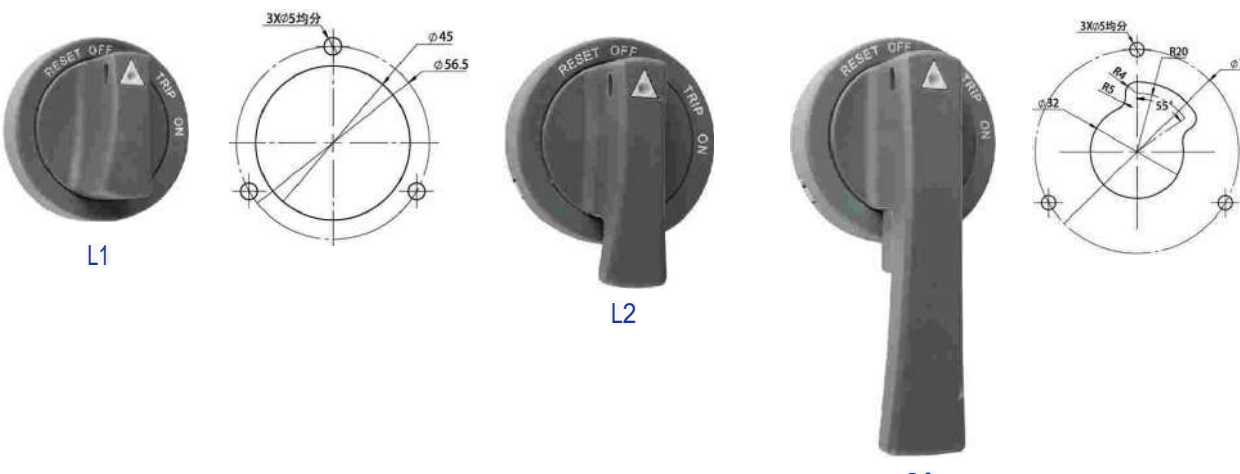
H2 handle H=65
Order No.6346



H3 handle H=125
Order No.6347



Type-L mechanism operating handle



L1

L2

L3

Order No	Name	Specification	Color	Remark
6571	L1	With supporting 8X8square bar	grey	
6572	L2	With supporting 8X8square bar	grey	
6573	L3	With supporting 10X10square bar	grey	

Pull-handle series

1/2 new Pull-handle
Order No.6205



Type-A Pull-handle
Order No.6232



Type-B Pull-handle
Order No.6234



1/2 new Pull-handle
Order No.6206



Type-A Pull-handle
Order No.6233



Type-B Pull-handle
Order No.6235



109

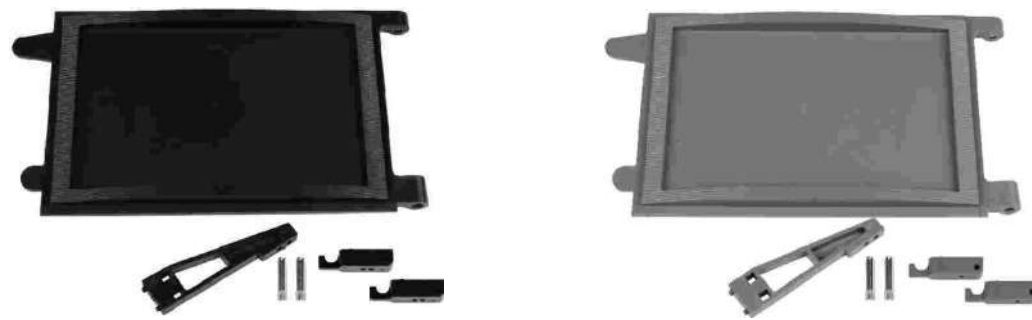
2X0.5.2



Cut-out installation drawing

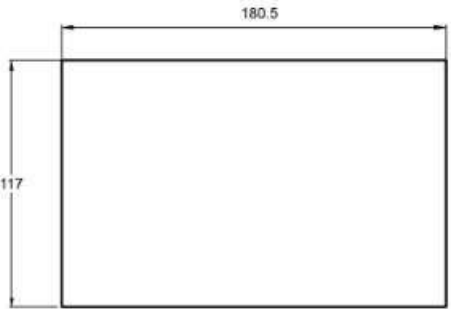
Door-open instrument panel

Door-open measurement and control panel-I (applicable to 200 high and unit drawer above SE)

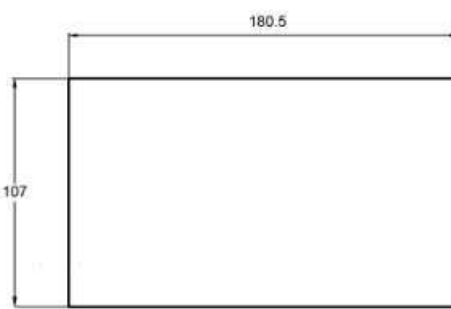


Door-open measurement and control panel-2(applicable to 150 and 160 high unit drawer)





Door-open instrument panel-1 cut-out drawing



Door-open instrument panel-2 cut-out drawing

Order No	Name	Specification	Color	Remark
6326	Door-open instrument panel-1	Inner box size: 99.5X157	Black	applicable to drawer above 200 high
6327	Door-open instrument panel-1	Inner box size: 99.5X157	Grey	applicable to drawer above 200 h
6328	Door-open instrument panel-2	Inner box size: 97X162	Black	applicable to drawer of 150, 160 h
6329	Door-open instrument panel-2	Inner box size:97X162	Grey	applicable to drawer of 150, 160 h
6330	Measurement and contr panel bracket -I	Large size H=125	Black	applicable to drawer above 200 h
6331	Measurement and contr panel bracket -I	Large size H=125	Grey	applicable to drawer above 200 h
6332	Measurement and contr panel bracket-2 (small)	Small size H=115	Black	applicable to drawer of 150, 160 h
6333	Measurement and contr panel bracket-2 (small)	Small size H=115	Grey	applicable to drawer of 150, 160 h
6334	Measurementandcontrolpanelear		Black	
6335	Measurementandcontrolpanelear		Grey	
6336	Measurement and control panel dowel			

New drawer door lock

705-2 door lock(thin)
Order No.6361

705-2 door lock
Order No.6362

705-2 door lock
Order No.6363

705-2 door lock
Order No.6364

Drawer lock bracket
Order No.6365

Gate lock bracket-I
Order No.6366

Gate lock bracket-2
Order No.6367

$r/R\ 22.5$

Gate/drawer door hinge

Drawer back-flap hinge-17
(door open angle 180°)

Gate back-flap hinge-17
(door open angle 180°)

Gate back-flap hinge-20
(door open angle 180°)

Order No	Name	Specification	Color	Remark
6355	Drawer back-flap hinge-1	Door panel edgefold 17	Black	
6356	Drawer back-flap hinge-2	Door panel edgefold 20	Black	
6357	Gate back-flap hinge-1	Door panel edgefold 17	Black	Fixed by 4 holes
6358	Gate back-flap hinge-2	Door panel edgefold 17	Black	Fixed by 2 holes
6359	Gate back-flap hinge-1	Door panel edgefold 20	Black	Fixed by 4 holes
6360	Gate back-flap hinge-2	Door panel edgefold 20	Black	Fixed by 2 holes

Drawer blind hinge

Drawer blind hinge-1
Order No.6354

Drawer blind hinge-2
Order No.6574

Gate hinge-1
Black Order No.6597
Black Order No.6598

Gate hinge-2
Black Order No.6599
Black Order No.6600

All applicable to gate panel edgefold 20 high.

Please refer to new gate hinge for the cut-out drawing

New gate/drawer door hinge

New gate hinge-17 (door open angle 130°)
Order No.6348

New gate hinge-17 (door open angle 130°)
Order No.6349

New drawer hinge-17 (door open angle 130°)
Order No.6352

New drawer hinge-17 (door open angle 130°)
Order No.6353

(for gate edgefold 17mm)
Colors can be customized.

(for drawer door edgefold 17mm-20mm generally)
Colors can be customized.

New gate hinge-20 (door open angle 130°)
Order No.6350

New gate hinge-20 (door open angle 130°)
Order No.6351

(for gate edgefold 20mm)
Colors can be customized.

Cut-out drawing

Aluminum beam
(size customized)

L=505 Order No.6524
L=523 Order No.6525
(ABB dedicated)



CSL iron bracket


L=117 Order No.6370
L=80 Order No.6369
L=67 Order No.6368

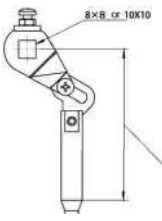
Drawer side plate accessories

Order No	6371	6372	6373	6374	6375	6376	6377	6378	6379	6380	6381
Name	Bearing	large IM (ILB)	large shaft (W)	Wheel	Small shaft	Spring	Spring	Rivet	Dowel	Dowel Φ3.3	Dowel Φ3.8
Remark		for standard side plate	for non-standard side plate			for GCS	for MNS, GCK		for GCS	for MNS, GCK	for MNS, GCK


1. Bearing 2. Shaft 3. Small shaft 4. Wheel 5. Rivet 6. Dowel (Φ3.3, Φ3.8) 7. Spring

Closing interlocked bar

Order No	Name	Specification	Remark
6382	Closing interlocked bar H=67	Center 67 high	With supporting P1 square bar
6383	Closing interlocked bar H=80	Center 80 high	With supporting P1 square bar
6384	Closing interlocked bar H=80	Center 80 high	With supporting 10"11 square bar
6385	Closing interlocked bar H=117	Center 117 high	With supporting P1 square bar
6386	Closing interlocked bar H=117	Center 117 high	With supporting 10"11 square bar


H=67 (for 8*8 square bar) H=80 H=117

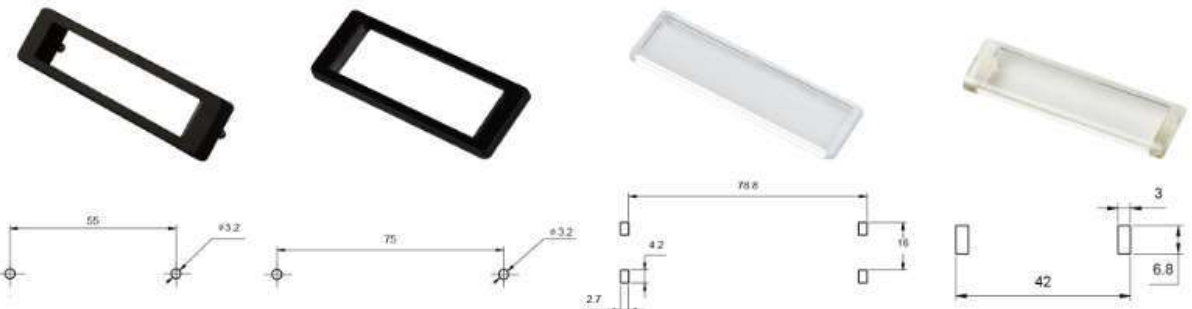
Label box

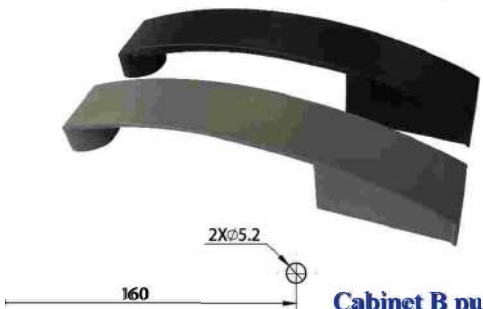
Label box-1 Order No.6229

Label box-2 Order No.6230

Label box-3 Order No.6238

Label box-4 Order No.6228


55 75 75.8 42 10 3 6.8 42 2.7


Black Order No.6501
Gray Order No.6502
2XΦ5.2
160
Cabinet B pull-handle

Order No.6576
Cabinet B brow base


Order No.6505
Order No.6506
Locking bar guiding element


Order No.6508
Vertical bar back shroud


Order No.6509
Bus enclosure cover


cp3 0 Order No.6510
cp50 Order No.6511
cp6 0 Order No.6512
Plastic protective ring


Black (small) Order No.6513
Grey (small) Order No.6514
Simple ventilating fan (large)
Simple ventilating fan (small)


Black (large) Order No.6515
Grey (large) Order No.6516


Order No.6535
24E metal handle


8 0 0 Order No.6503
6 0 0 (with gap) Order No.6504
Locking bar stopper


Order No.6507
Door support



MNS3. 0 HalfFunctional Plate Low-voltage Withdrawable Switch Cabinet Accessories

MNS3. 0 plate functional plate features

MNS half functional plate MCC back-outgoing-line low-voltage withdrawable switch cabinet is a new type of cabinet, with a reasonable structure and lower price. The switch cabinet is divided into a functional unit room, a cable room and a bus room. The functional unit is in front of the cabinet, the cable room is at the back of the cabinet, and the bus room is on the top of the cabinet. Between the functional unit room and the cable room, the incoming line side is isolated by a combined half bus insulating functional plate and the outgoing line side is isolated by a metal plate, effectively preventing accident expansion by flashover due to switching element failure. The outgoing line plug is mounted on the isolated plate, which can be provided with three-pole or four-pole outlet as needed. The functional unit room is isolated from the bus room by a metal isolation plate, and the cabinet back is door-open for the ease of maintenance. The switch cabinet keeps the number of MMS cabinet loops unchanged. The drawer is divided into five sizes: 8E/4 drawer, 8E/2 drawer, 8E drawer, 16E drawer and 24E drawer. The main component parts of half functional plate back outgoing line MCC cabinet is: half functional plate.

MNS3.0 Large Interlock SE Drawer



MNS3.0 1/2 Drawer



3.0 SE Instrument Panel Black Order No.6547
grey Order No.6548



SE-24E Instrument Panel Black Order No.6549
grey Order No.6550



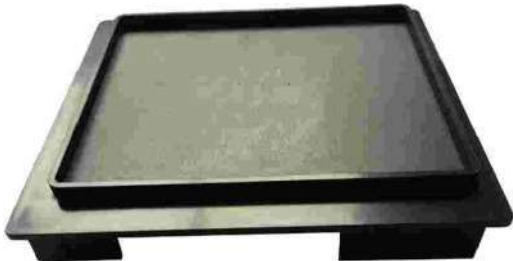
Stretched 1.5 Unit Measurement and Control Panel Black Order No.6551
grey Order No.6552



Stretched 1 unit Measurement and Control Panel Black Order No.6553
grey Order No.6554



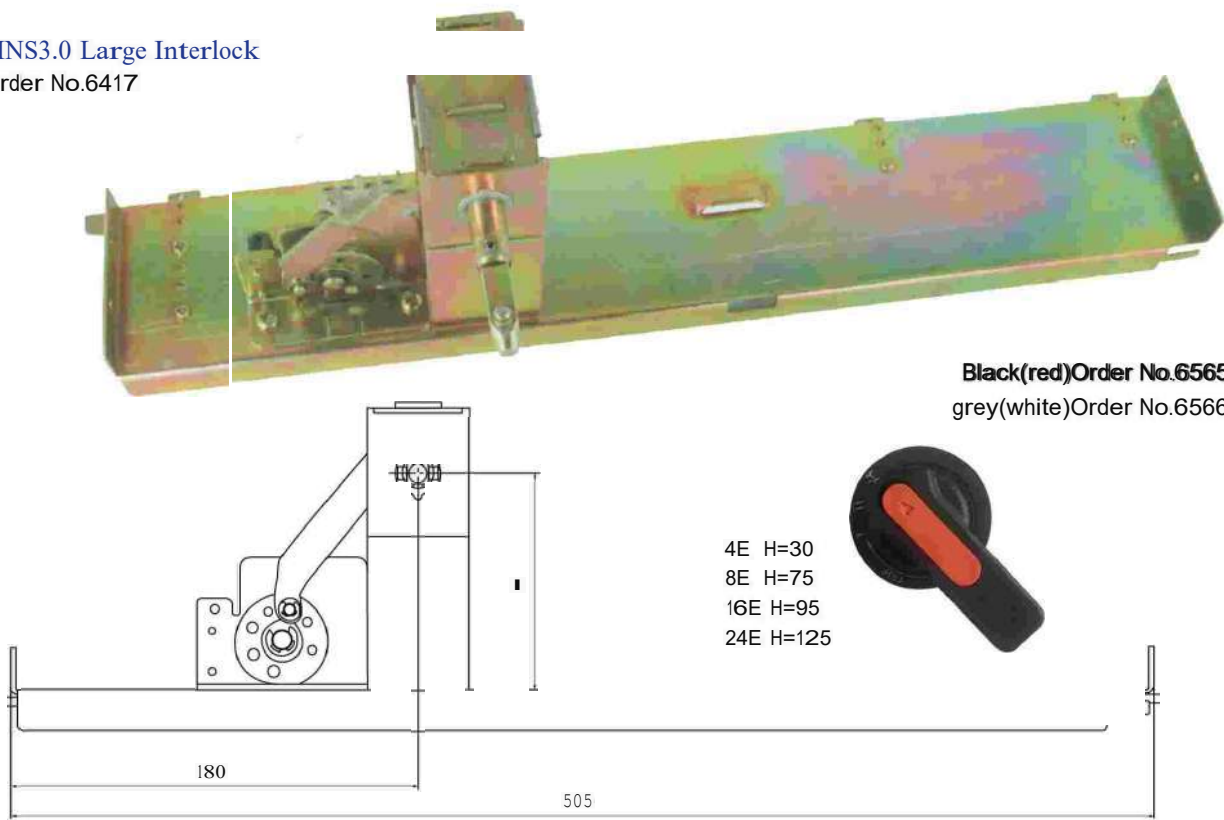
Non-stretched 1.5 Unit Measurement and Control Panel Black Order No.6555
grey Order No.6556



Non-stretched 1 unit Measurement and Control Panel Black Order No.6557
grey Order No.6558



MNS3.0 Large Interlock
Order No.6417



Black(red)Order No.6565
grey(white)Order No.6566

4E H=30
8E H=75
16E H=95
24E H=125

MST1, MST2 Large Interlock with Propelling
Order No.6418



Black(red) Order No.6567
grey(red) Order No.6568
grey(white) Order No.6569

MLS-5 Large Interlock
Order No.6419



Black(red) Order No.6570
grey(red) Order No.6571
grey(white) Order No.6572

Half functional plate
Order No.6584

MNS serial busbar bushing plate
(with CJZ8 plug-in for use)
Order No.6585

Bottom seal plate of half functional plate
Order No.6586

Top seal plate of half functional plate
Order No.6587

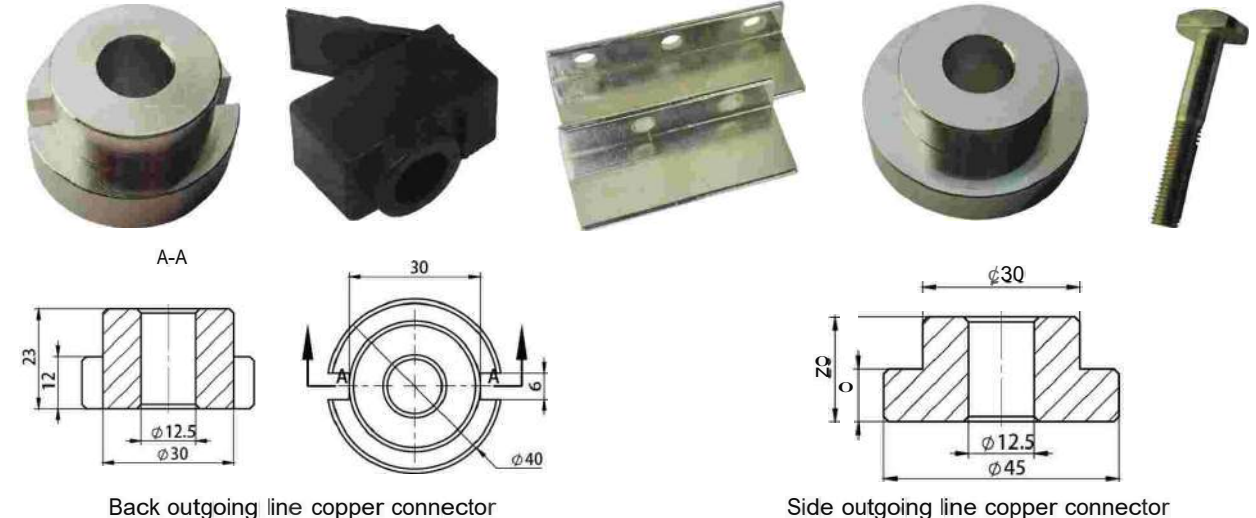
Back outgoing line copper connector
Order No.6592

Back outgoing line connection box
Order No.6593

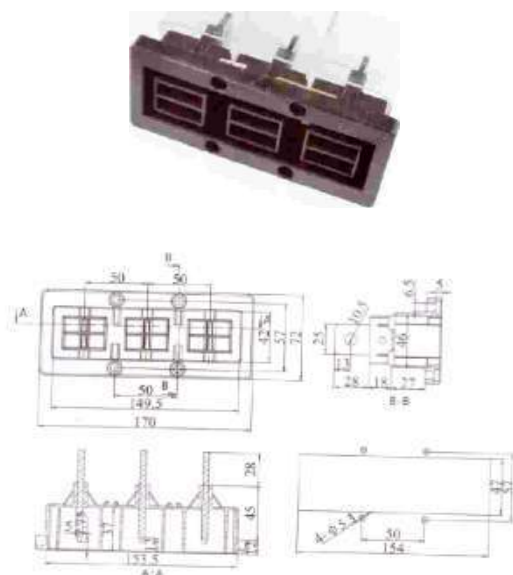
Type- L copper bar
L=1760mm Order No.6594
Other sizes customized.

Copper connector
Order No.6595

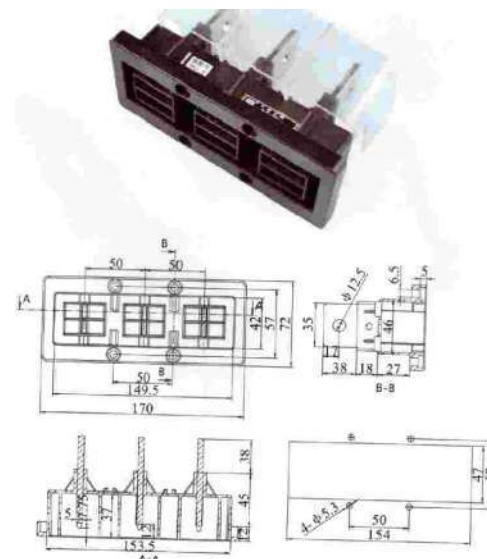
T-shape bolt
Order No.6596



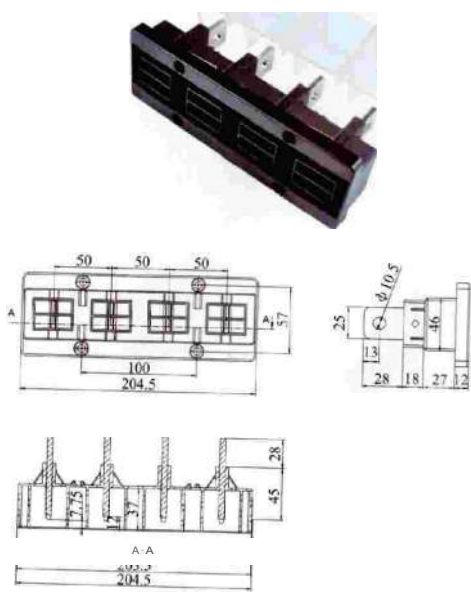
CJT10-250A/3
(primary unmovable plug for 50 spacing)
Order No.6588



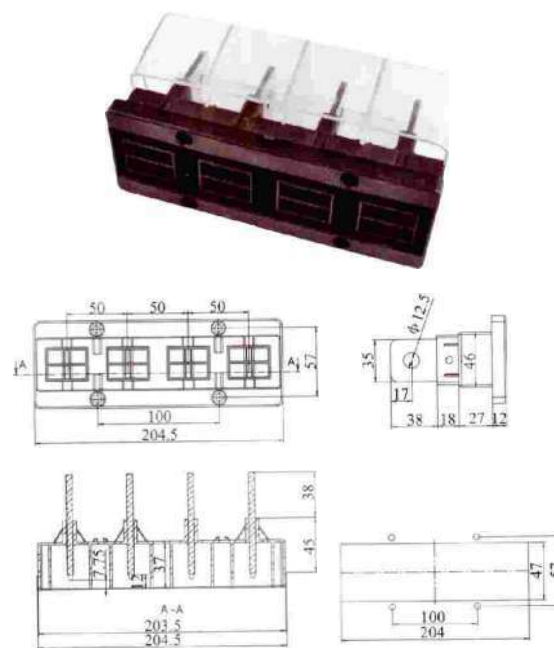
CJT10-400A/3
(unmovable primary plug for 50 spacing)
Order No.6589



CJT10-250A/4
(primary unmovable plug for 50 spacing)
Order No.6590



CJT10-400A/4
(50 spacing primary unmovable plug)
Order No.6591



MDmax Low-voltage Switch Cabinet

MDmax low-voltage switch cabinet description

Divided into MDmax ST and MDmax FC series, MDmax low-voltage switch cabinet is a combined multi-functional low-voltage switch cabinet that has been subject to a total type test (abbreviated TTA), in line with GB7251.1-2005 and IEC 60439-1 standards. Electrical and mechanical design is based on the modular principle, and the cabinet combination solution is compact, diverse and flexible through the selection of standard components and parts.

Features of MDmax low-voltage switch cabinet

- + The frame is made by aluminum-coated zinc plate double edgefold technology.
- + The roof of the horizontal bus area can be removed.
- + It has three function units including drawer type, removable type and plug-in type.
- + With the drawer structure, it can be equipped with up to 36 loops,
- + The changeover of three positions of the drawer loop can be achieved without reducing the level of protection.
- + For the position fixing of drawer movable members, it can be provided with sound, light and text indications.
- + There is a perfect solution of drawer electrically operated loop.



Unit drawer



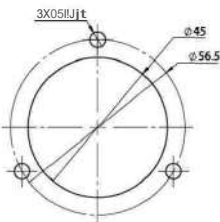
1/2 drawer

Type-L operating handle

Order No.6571



L1



Order No.6572

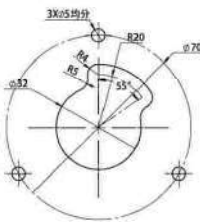


L2

Order No.6573



L3



Drawer blind hinge-2 Order No.6574



CX706 Order No.6575

Insulator



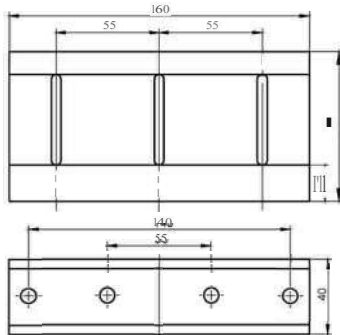
Model and Specification

Model	Specification	Bolt Specification
GMN 980 303P2	∅40 x 40	M10
5LS 720 001	∅60 x 40	M12
5LS 720 002	∅60 x 60	

Model and Specification

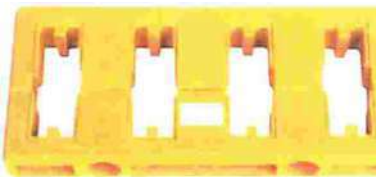
Model	Specification	Remark
GCS-GR30A	∅40 x 30	M8
GCS-GR30B		M10
GCS-GR50A	∅50 x 50	M8
GCS-GR50B		M10

Bus Clamp

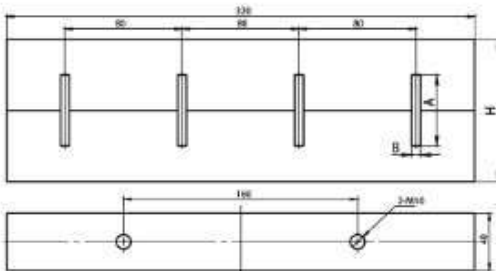


Model and Specification	H
MG4-6*30	70
MG4-6*40	80
MG4-6*50	90
MG4-6*60	100
MG4-6*80	120
MG4-6*100	140

MD2 Bus Frame

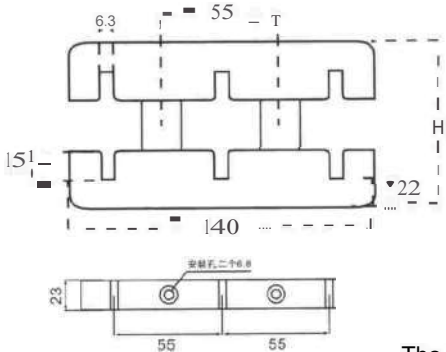
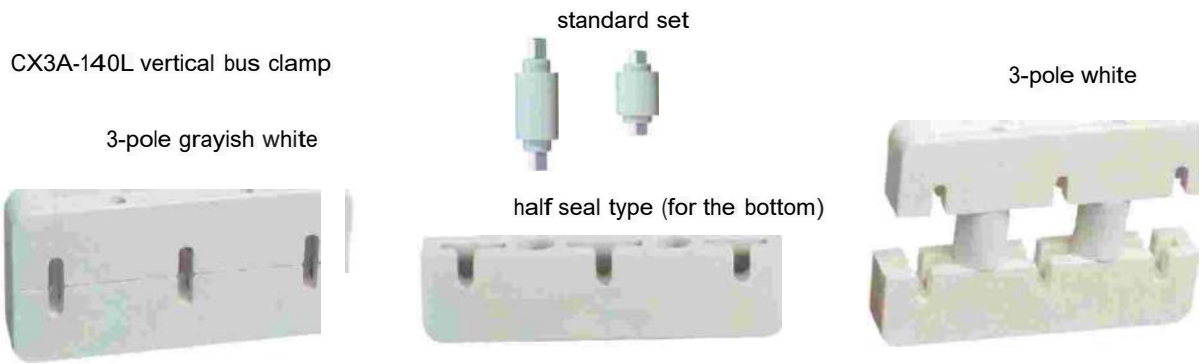


Note: MD2, MD3, MD4 and MD5 bus frames are provided with single-row and double-row types. Double-row type is as shown in the figure.



A	B	H
40	4, 6	90
60	4, 6, 8, 10	111
80	6, 8, 10	130
100	6, 8, 10	151
120	8, 10	172

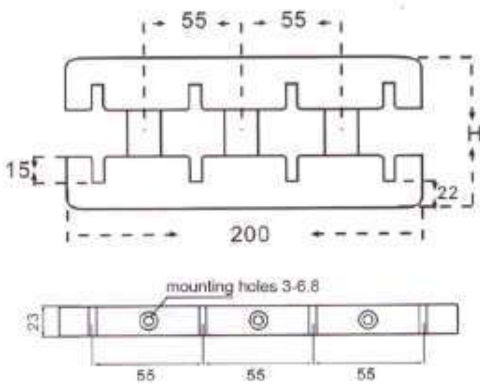
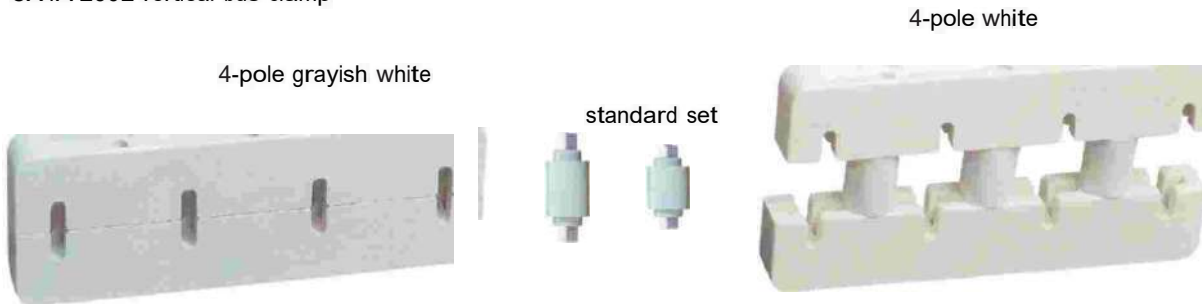
CX3A-140L vertical bus clamp



Specification of Bus Clamp	H	Customized
6 x 30	73	4 x □
6 x 40	83	
6 x 50	93	8 x □
6 x 60	103	
6 x 80	123	
6 x 100	143	10 x □
6 x 120	163	

The width of vertical bus clamp is less than 1 mm.

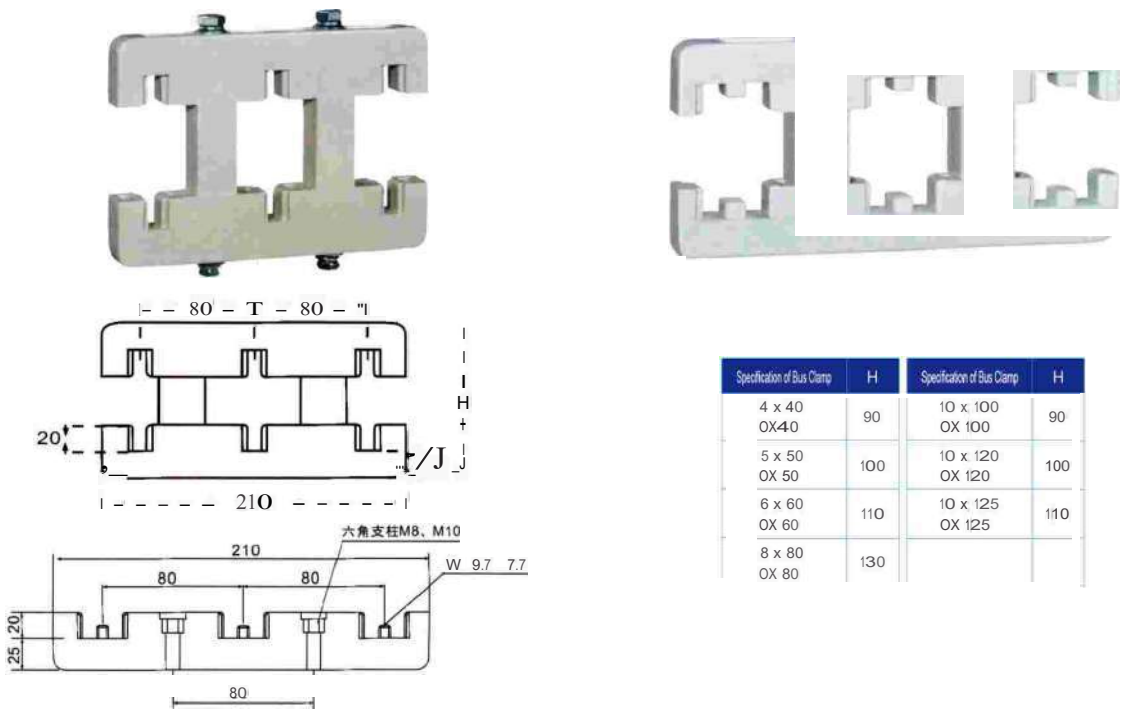
CX4A-200L vertical bus clamp



Specification of Bus Clamp	H	Customized
6 x 30	73	4 x □
6 x 40	83	
6 x 50	93	8 x □
6 x 60	103	
6 x 80	123	
6 x 100	143	10 x □
6 x 120	163	

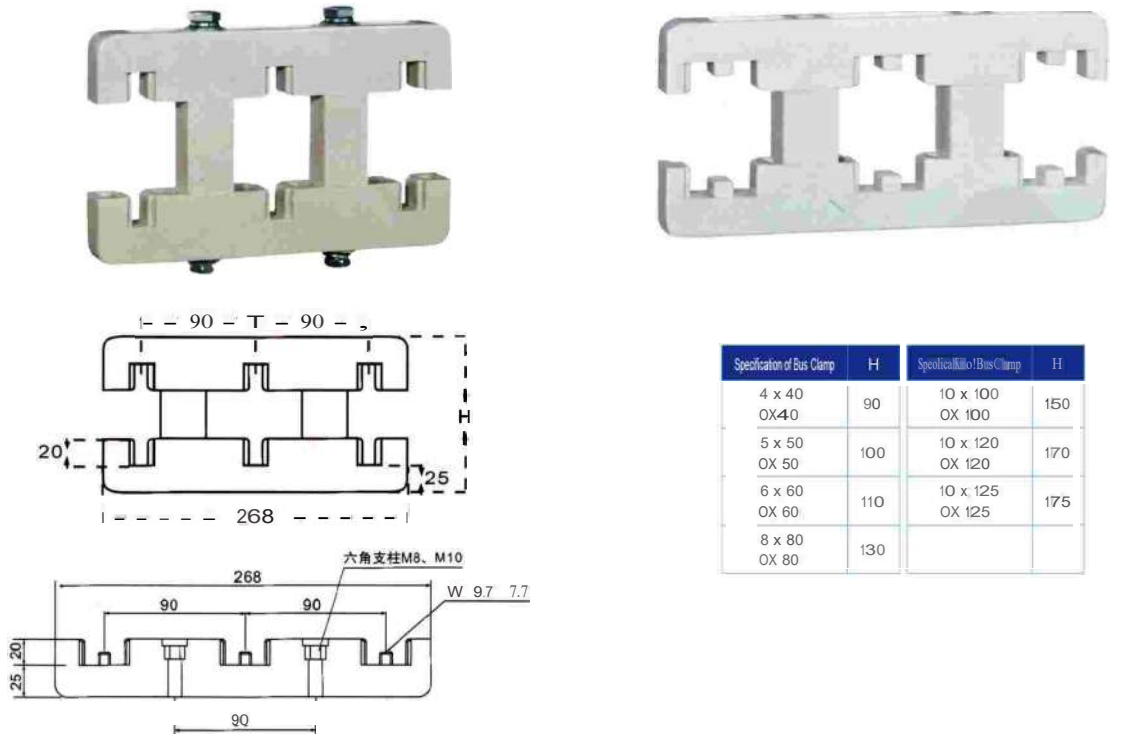
Note: this busbar casing heat shrink tube is increased by 3mm in the front and back.

CX3A-210L insulated bus clamp



Specification of Bus Clamp	H	Specification of Bus Clamp	H
4 x 40 OX 40	90	10 x 100 OX 100	90
5 x 50 OX 50	100	10 x 120 OX 120	100
6 x 60 OX 60	110	10 x 125 OX 125	110
8 x 80 OX 80	130		

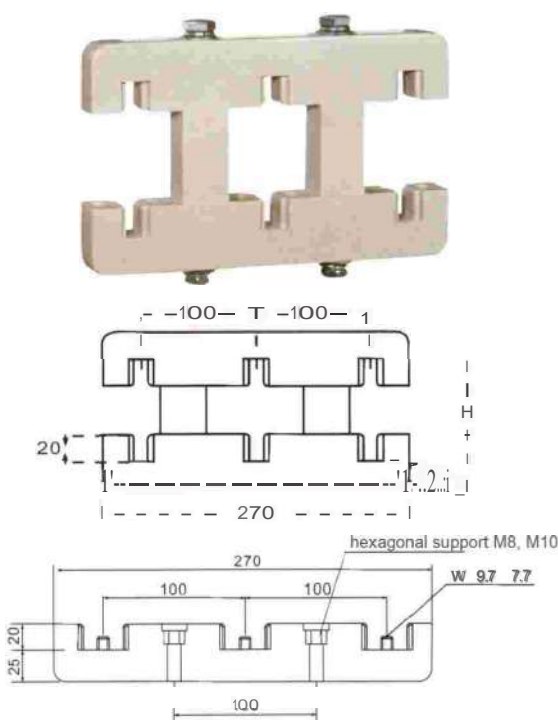
CX3A-268L insulated bus clamp



Specification of Bus Clamp	H	Specification of Bus Clamp	H
4 x 40 OX 40	90	10 x 100 OX 100	150
5 x 50 OX 50	100	10 x 120 OX 120	170
6 x 60 OX 60	110	10 x 125 OX 125	175
8 x 80 OX 80	130		

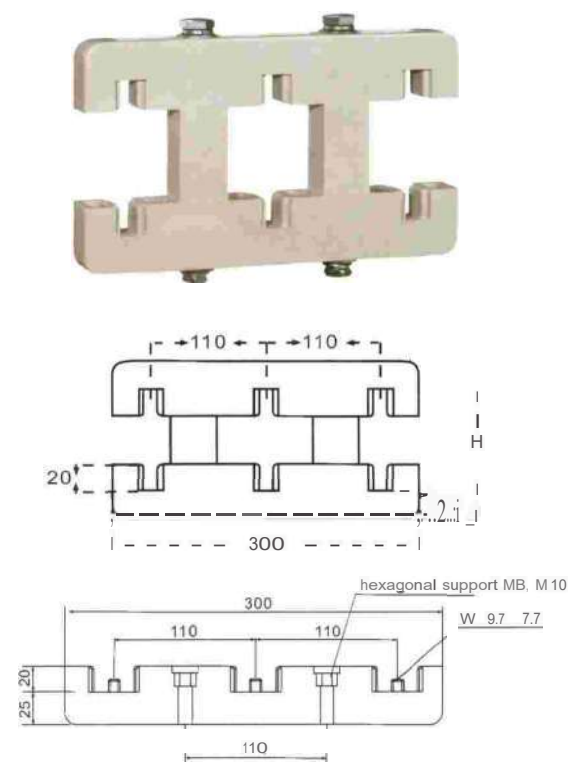
Note: this busbar casing heat shrink tube is increased by 3mm in the front and back.

CX3A-270L insulated bus clamp



Specification of Bus Clamp	H	Specification of Bus	H
4 x 40 Dx40	90	10 x 100 Ox 100	150
5 x 50 Ox 50	100	10 x 120 Ox 120	170
6 x 60 Dx60	110	10 x 125 Ox 125	175
8 x 80 Ox 80	130		

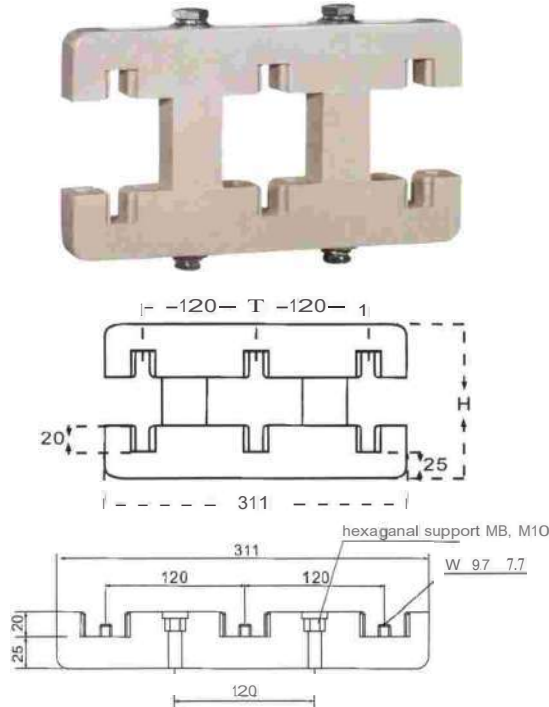
CX3A-300L insulated bus clamp



Specification of Bus Clamp	H	Specification of Bus	H
4 x 40 Dx40	90	10 x 100 Ox 100	150
5 x 50 Ox 50	100	10 x 120 Ox 120	170
6 x 60 Ox 60	110	10 x 125 Ox 125	175
8 x 80 Ox 80	130		

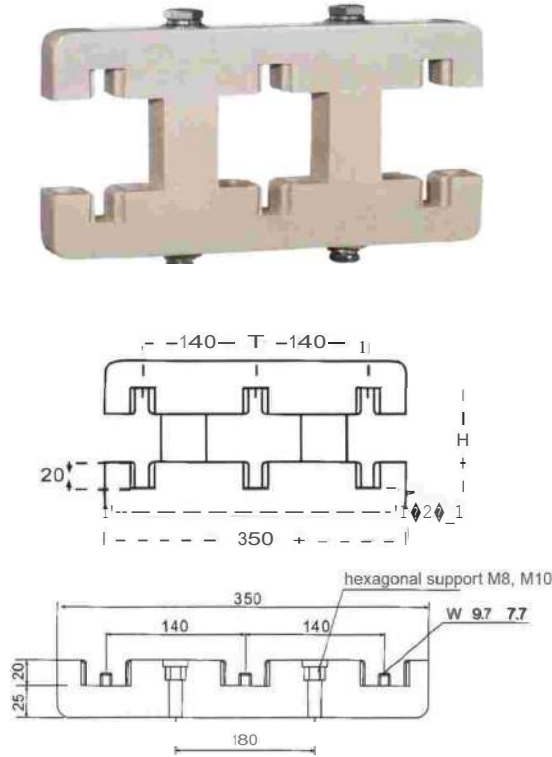
Note: this busbar casing heat shrink tube is increased by 3mm in the front and back.

CX3A-311L insulated bus clamp



Specification of Bus Clamp	H	Specification of Bus	H
4 x 40 Dx40	90	10 x 100 Ox 100	150
5 x 50 Dx50	100	10 x 120 Ox 120	170
6 x 60 Dx60	110	10 x 125 Ox 125	175
8 x 80 Ox 80	130		

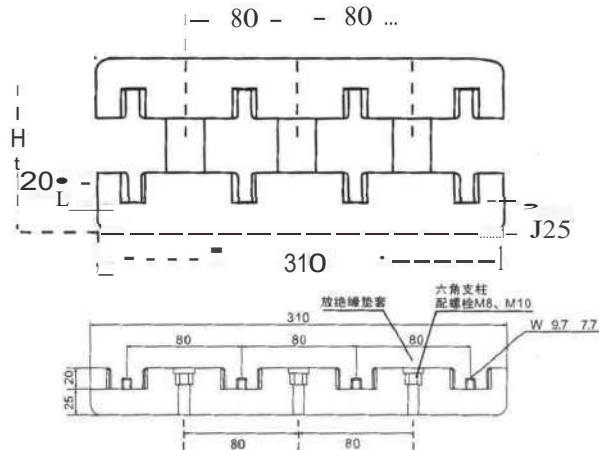
CX3A-351 L insulated bus clamp



Specification of Bus Clamp	H	Specification of Bus	H
4 x 40 Dx40	90	10 x 100 Ox 100	150
5 x 50 Ox 50	100	10 x 120 Ox 120	170
6 x 60 Dx60	110	10 x 125 Ox 125	175
8 x 80 Dx80	130		

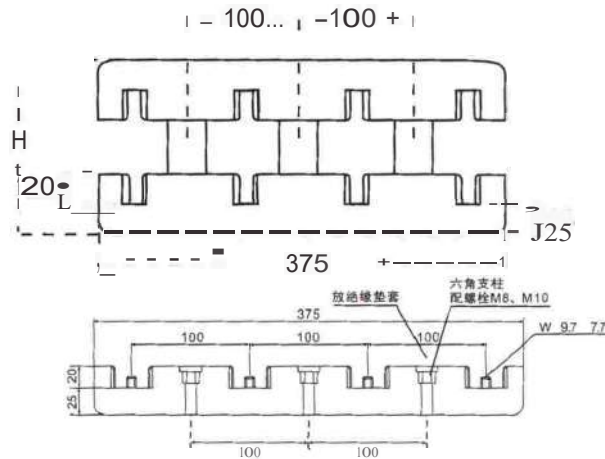
Note: this busbar casing heat shrink tube is increased by 3mm in the front and back.

CX4A-310L insulated bus clamp



Specification of Bus Clamp	H	Specification of Bus Clamp	H
4 x 40 Dx 40	90	10 x 100 Dx 100	150
5 x 50 Dx 50	100	10 x 120 Dx 120	170
6 x 60 Dx 60	110	10 x 125 Dx 125	175
8 x 80 Dx 80	130		

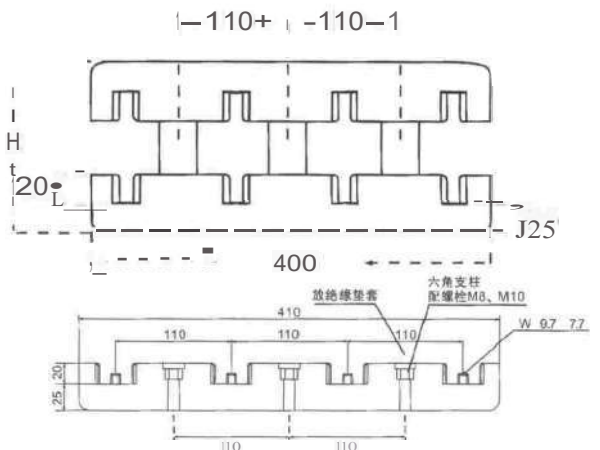
CX4A-310L insulated bus clamp



Specification of Bus Clamp	H	Specification of Bus Clamp	H
4 x 40 Dx 40	90	10 x 100 Dx 100	150
5 x 50 Dx 50	100	10 x 120 Dx 120	170
6 x 60 Dx 60	110	10 x 125 Dx 125	175
8 x 80 Dx 80	130		

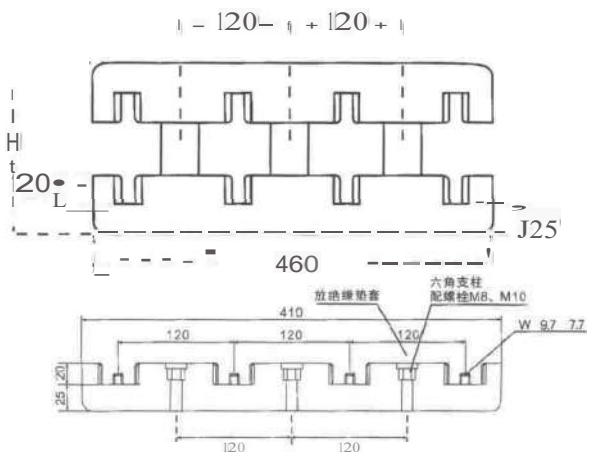
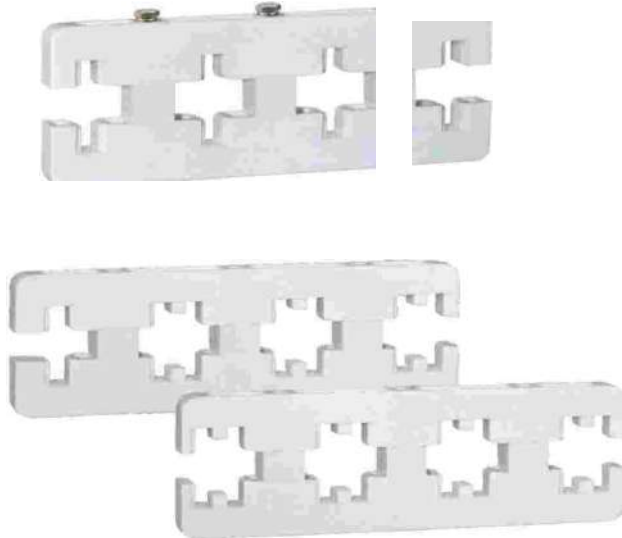
Note: this busbar casing heat shrink tube is increased by 3mm in the front and back.

CX4A-400L insulated bus clamp



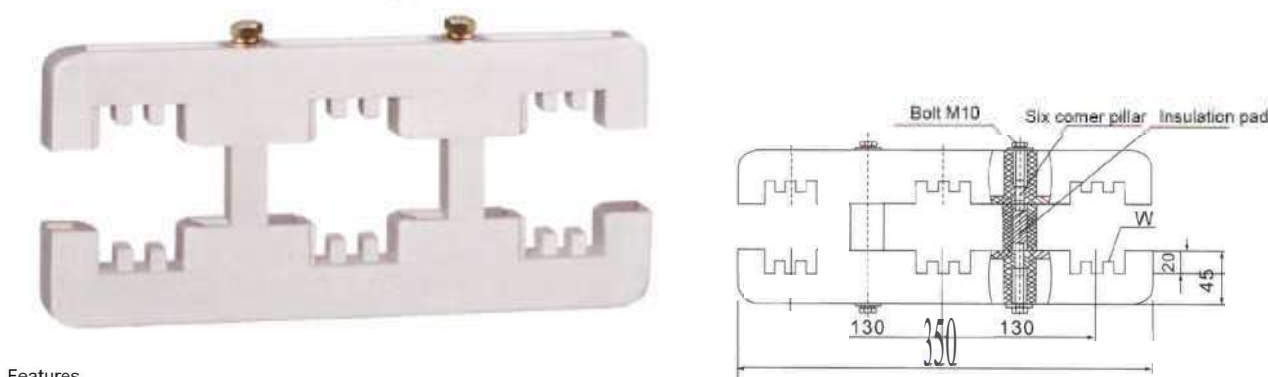
Specification of Bus Clamp	H	Specification of Bus Clamp	H
4 x 40 Dx 40	90	10 x 100 Dx 100	150
5 x 50 Dx 50	100	10 x 120 Dx 120	170
6 x 60 Dx 60	110	10 x 125 Dx 125	175
8 x 80 Dx 80	130		

CX4A-460L insulated bus clamp



Specification of Bus Clamp	H	Specification of Bus Clamp	H
4 x 40 Dx 40	90	10 x 100 Dx 100	150
5 x 50 Dx 50	100	10 x 120 Dx 120	170
6 x 60 Dx 60	110	10 x 125 Dx 125	175
8 x 80 Dx 80	130		

CX3A-350L 3*3 insulated bus clamp



Features
CX3A-350L type bus clamp is pressed by high-quality SMC, with high strength, flame retardant property and high insulation. The short-circuit current withstand strength is up to 80kA.

CX3A-350L Specification	H	CX3A-350L Specification	Remark
10 x 80	132	12 x 80	with corresponding hexagonal support and the insulating pad set
10 x 100	152	12 x 100	Bus clamp 10mm wide is actually 11mm wide.
10 x 120	172	12 x 120	Bus clamp 12mm wide is actually 13mm wide.
10 x 125	177	12 x 125	

Note: this busbar casing heat shrink tube is increased by 3mm in the front and back. W is less than 2mm.

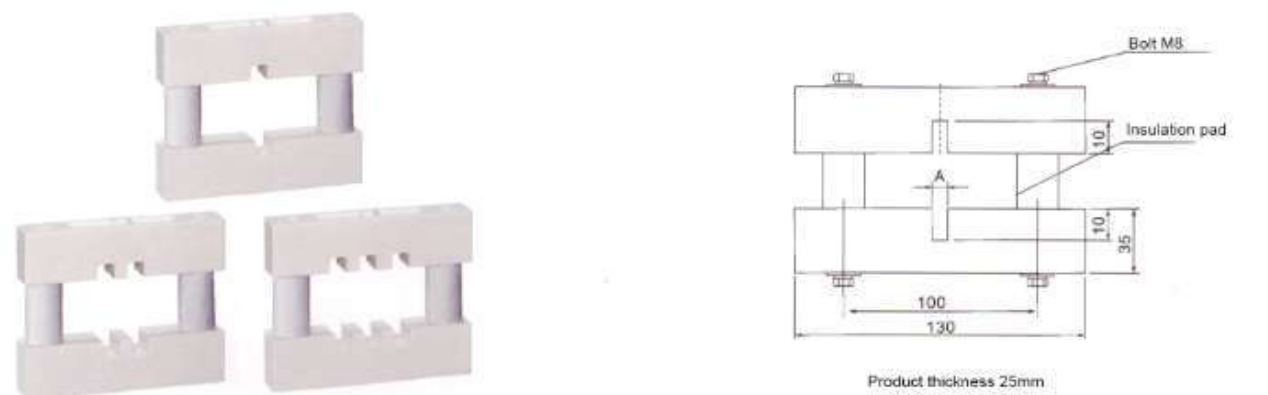
CX3A-460L 3*3 insulated bus clamp



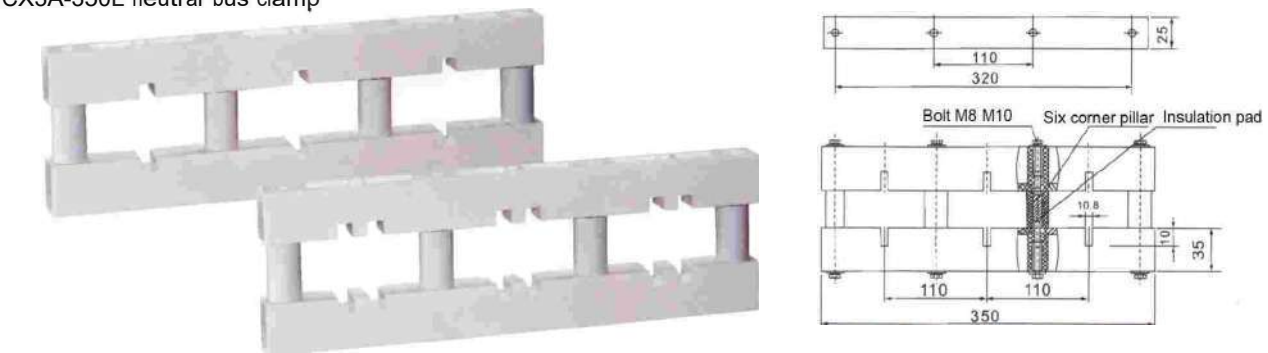
Features
CX3A-460L type bus clamp is pressed by high-quality SMC, with high strength, flame retardant property and high insulation. The short-circuit current withstand strength is up to 80kA.

CX3A-460L Specification	H	CX3A-460L Specification	Remark
10 x 80	132	12 x 80	with corresponding hexagonal support and the insulating pad set
10 x 100	152	12 x 100	Bus clamp 10mm wide is actually 11mm wide.
10 x 120	172	12 x 120	Bus clamp 12mm wide is actually 13mm wide.
10 x 125	177	12 x 125	

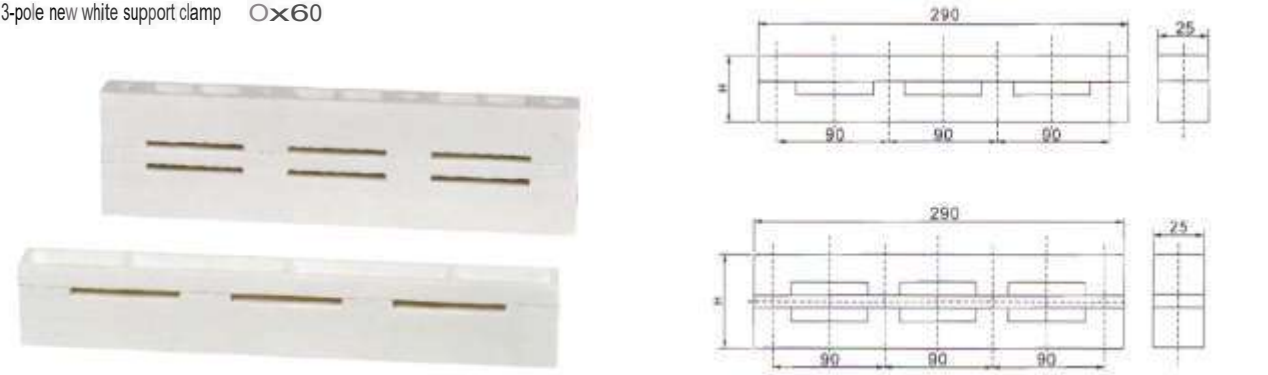
CX1A-130L neutral bus clamp



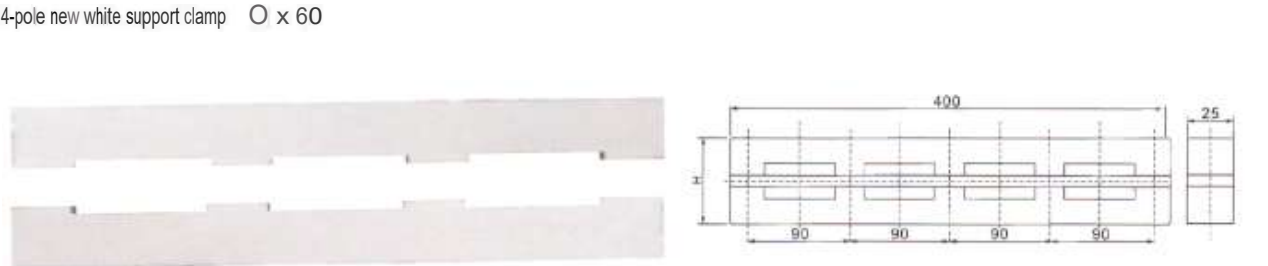
CX3A-350L neutral bus clamp



3-pole new white support clamp O x 60



4-pole new white support clamp O x 60



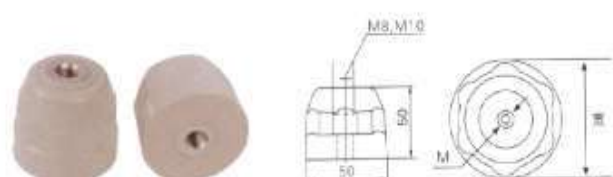
MG insulator



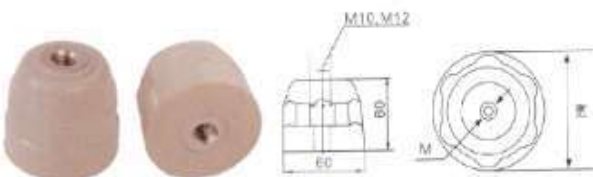
specification: width 30* height 30



specification: width 40* height 35



specification: width 50* height 50



specification: width 50* height 60

Order No.6531



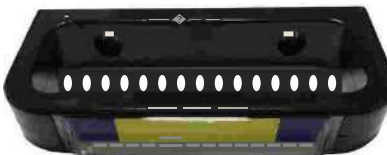
GCS-drawer handle

Black Order No.6532
Grey Order No.6533



old
MNS drawer handle
(with scutcheon bracket)

Order No.6534



new
MNS drawer handle
(with scutcheon bracket)

Order No.6530

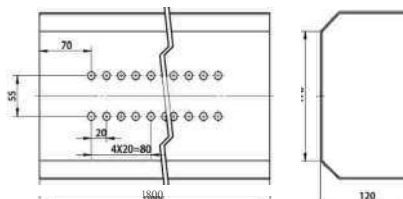


GCS-drawer handle

Order No.6546



busway L=1800



MNS818lock



MNS818 lock



818 lock tongue
with wheel (long)

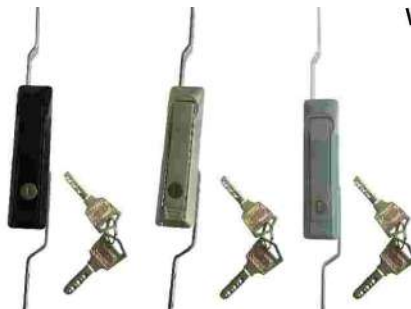


818 lock tongue
with wheel (short)



818 lock tongue
with wheel (flat)

Black lock Order No.6538
White lock Order No.6539
Lock tongue (long) Order No.6540
Lock tongue (short) Order No.6541
Lock tongue (flat) Order No.6542



MNS828 lock

Black Order No.6543
White Order No.6544
Grey Order No.6545



MNS838 lock Hole dimension:25x50

Order No.6537

Order No.6536



GCS-unlocking hole stopper

Order No.6526



CJG-1 pushing mechanism

Order No.6527



CJG-3 pushing mechanism

Bracket height 82, with 8*8
Order No.:6528
Bracket height 119, with 10*10
Order No.:6529



CJG-5 pushing mechanism

Square bar 8*8 Order No.6517
Square bar 10*10 Order No.6518



Square bar 8 X 8



Square bar 10 X 10

Square bar

Linkage 8X8 Order No.6519
Linkage 10X10 Order No.6520



Linkage

GGD series components

Order No.7224  GGD sealing strip	Order No.7203  Terminal plate bracket	Order No.7204  Single-side bracket
Order No.7205  Double-side bracket	Order No. 7232  Iron bracket	Door central spindle Order No.: 7207 Upper door spindle Order No.: 7208 Lower door spindle Order No.: 7209  Door central spindle Upper door spindle Lower door spindle
Order No.7210  Transportation angle	Order No.7211  Copper grounding bracket	Position fixing thread sleeve (φ22) Order No.: 7212 Position fixing thread sleeve (φ20) Order No.: 7213 Locking bar sleeve Order No.: 7214 Position fixing nut (φ22) Order No.: 7215 Position fixing nut (φ20) Order No.: 7216  Position fixing thread sleeve (φ22) Position fixing thread sleeve (φ20) Position fixing nut (φ22)
Order No.7217  Base plate bracket	Order No.7233  Aluminum tee	Order No.7219  TG-12002 bracket
Order No.7220  TG-12003 bracket	Order No.7221  Roof support	Order No.7222  Triangle bracket

Order No.7223  black GDD door lock (new)	Order No.7230  GGD gate lock	Order No.7231  GGD small door lock
L=662 Order No.7226 L=772 Order No.7227  GGD locking bar	bolt Order No.7228 nut Order No.7229  Knurled bolt (MS) Knurled nut	Order No.7225  Hook thread sleeve

GCS series components

M12 Order No.7201 M12 Order No.7202  Lifting ring	Order No.7206  Doubly reinforced hinge	Order No.7218  Singly reinforce hinge
Order No. 7234  Gate hinge (for type-C material module number 20)	Order No.7244  GCS sealing strip	1 unit Order No.7236 1.5 unit Order No.7237 2 unit Order No.7238  GCS unit lock catch
1 unit Order No.7239 1.5 unit Order No.7240 2 unit Order No.7241  GCS unit lock hook	Order No.7242  GCS drawer hinge-TG004	Order No.7243  Position fixing-free angle plate

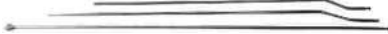
L=440 Order No.7247 L=380 Order No.7248 Size can be customized Type-C material suspended rail	L=440 Order No.7249 L=380 Order No.7250 Size can be customized Type- 8MF material suspended rail	Order No.7290 TG-802 hinge
Order No.7291 TG-803 hinge	Order No.7292 TG-00012 bracket	Order No.7293 TG-00011 bracket
Order No.7294 TG-12006 bracket	Order No.7295 TG-801 hinge	Order No.7296 TG-806 hinge
Order No.7297 TG-12005 bracket	Order No.7298 TG-804 hinge	Order No.7299 TG-805 hinge
Order No.7300 TG-00006 buckle	Order No.7301 TG-12018 bracket	Order No.7302 TG-12004 bracket

GCK, MNS series components

Order No.7251 Press plate	Order No.7252 Angle plate with position fixing	Order No.7253 Small no-angle bracket
Order No.7254 Small door hinge	Size 94.5x44.5 Order No.7255 Size 91 x44.5 Order No.7306 Beam plug	Order No.7256 Small triangle bracket
Order No.7257 Supporting plate	left Order No.7275 right Order No.7276 Cabinet reinforced support (right)	Order No.7259 Gate hinge (4-hole) (module number 25)
Order No.7260 Gate hinge split 3-point (module number 25)	Order No.7261 Gate hinge split 3-point (module number 25)	Order No.7262 MNS drawer hinge
Order No.7263 MNS drawer hinge	New Order No.7264 Old Order No.7265 094 bracket (old)	Small Order No.7266 Large Order No.7267 Large fastener

 MNS lock hook	 Door catch	 Outer hex screw
Order No.7258	8E Order No.7277 16E Order No.7278 24E Order No.7279	L=180 Order No.7280 L=160 Order No.7281 L=140 Order No.7282 (customized)

 5-hole hinge	 Movable angle plate with positive fixing (upper)	 Movable angle plate with position fixing (lower)
Order No.7303	Order No.7304	Order No.7305

 Locking bar with wheel (L=1000) (customized)	 Connecting plate	 Gate hinge (small hinge module number 20)
Order No.7283	Order No.7274	Order No.7235

 Screen printing brow	Lettering Order No.7245 Printing Order No.7246 (customized)
 Lettering brow	

 MNS guide rail	 Stretch-free guide rail	 Stretched rail
	Stretch-free guide rail	Stretched rail
	left L=420 Order No.7284 right L=420 Order No.7285 left L=369 Order No.7286 right L=369 Order No.7287 left L=445 Order No.7288 right L=445 Order No.7289	Stretched rail left L=420 Order No.7268 right L=420 Order No.7269 left L=369 Order No.7270 right L=369 Order No.7271 left L=445 Order No.7272 right L=445 Order No.7273



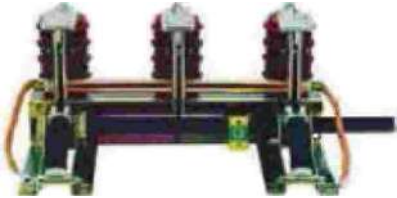
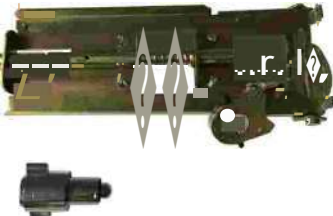
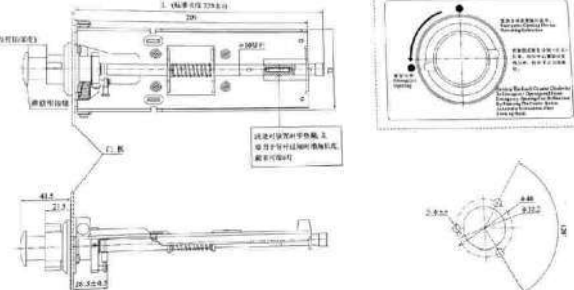
KYN28A-12 (improved) center cabinet

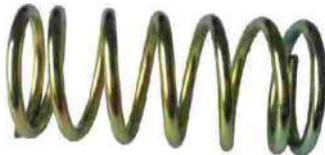
Product description

KYN28A-12 (improved) center cabinet is applicable for 3.6 – 12KV three-phase AC 50HZ indoor power distribution equipment set to receive and distributing power and circuit implementation of control and inspection.

Features

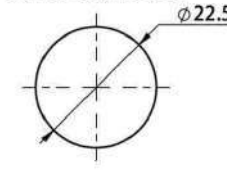
The cabinet has "five" interlock function, effectively preventing misuse; the shell has protection of grade IP4X. With the use of new locks and hinges, quick and easy operation of locks, as well as novel appearance, it can be provided with measurement and padlock function, greatly improving the safety and practicality.

 JN15-2431.5 indoor AC high-voltage grounding switch	 Standard left and right rails	 Center cabinet contact box
 Center cabinet casing	 High-voltage live display voltage sensor	 DXN-T (Q) indoor high-voltage live display
Standard 355 Order No.8201 Extension 500 Order No.8202 Sizes can be customized  SXS.253.011 high-voltage grounding switch opening and closing handle	Specification 35x82 Order No.8203 Specification 49x82 Order No.8204 Specification 35x72 Order No.8317 Specification 49x72 Order No.8318 Specification 107x109 Order No.8319 Sizes can be customized  Static contact	Order No.8205  Cabinet inner lamp (LED bulb is optional.)
 High-voltage indoor electromagnetic lock	 FK10 auxiliary switch	Order No.8206  CM1 Small bus
 Emergency opening and closing switch (state grid preferred)		Order No.8299

Order No.8292  5-1 high-voltage net door hinge	Order No.8293  4-1 high-voltage roof hinge	Order No.8294  Screw handle
Order No.8295  Grounding pressure discharge spring	Order No.8296  Grounding row dowel	Order No.8297  Grounding copper row
Order No.8298  Center cabinet sealing strip	Small Order No.8207 Medium Order No.8208 Large Order No.8209  Clamp	
S0W Order No.8300 100W Order No.8301 1 S0W Order No.8302  Heater	Order No.8303  Center cabinet cover	Order No.8304  Nylon screw M6X20
Universal wheel Order No.8305 Directional wheel Order No.8306 	Order No.8304  Transfer vehicle accessories	



Center cabinet lock

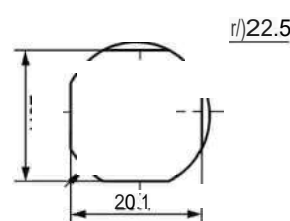


Hole opening drawing

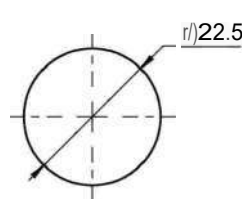
Order No.	Name	Specification	Color	Remark
8240	Center cabinet lock (inner hex)	General L=54	white	L=lock cylinder length
8241	Center cabinet lock (slotted)	General L=54	white	L=lock cylinder length
8242	Center cabinet lock (inner hex)	General L=54	Black	L=lock cylinder length
8243	Center cabinet lock (slotted)	General L=54	Black	L=lock cylinder length
8244	Center cabinet lock (inner hex)	General L=54	blue	L=lock cylinder length
8245	Center cabinet lock (slotted)	General L=54	blue	L=lock cylinder length
8246	Center cabinet lock (inner hex)	General L=54	grey	L=lock cylinder length
8247	Center cabinet lock (slotted)	General L=54	grey	L=lock cylinder length
8248	Center cabinet lock (inner hex)	lock cylinder length=61	white	
8249	Center cabinet lock (slotted)	lock cylinder length=61	white	
8250	Center cabinet lock (inner hex)	lock cylinder length=61	Black	
8251	Center cabinet lock (slotted)	lock cylinder length=61	Black	
8252	Center cabinet lock (inner hex)	lock cylinder length=61	blue	
8253	Center cabinet lock (slotted)	lock cylinder length=61	blue	
8254	Center cabinet lock (inner hex)	lock cylinder length=61	grey	
8255	Center cabinet lock (slotted)	lock cylinder length=61	grey	



Center cabinet lock



8264Hole opening drawing



8256.8265 Hole opening drawing

Order No.	Name	Specification	Color	Remark
8256	Center cabinet lock (inner hex)	measurement lock (with hole)	white	
8257	Center cabinet lock (slotted)	measurement lock (with hole)	white	
8258	Center cabinet lock (inner hex)	measurement lock (with hole)	Black	
8259	Center cabinet lock (slotted)	measurement lock (with hole)	Black	
8260	Center cabinet lock (inner hex)	measurement lock (with hole)	blue	
8261	Center cabinet lock (slotted)	measurement lock (with hole)	blue	
8262	Center cabinet lock (inner hex)	measurement lock (with hole)	grey	
8263	Center cabinet lock (slotted)	measurement lock (with hole)	grey	
8264	Center cabinet lock (slotted)	measurement lock (with cover)	white	To prevent contaminating
8265	Center cabinet lock (slotted)	measurement lock (with cover)	Black	
8266	Center cabinet lock (slotted)	measurement lock (with cover)	blue	
8267	Center cabinet lock (slotted)	measurement lock (with cover)	grey	

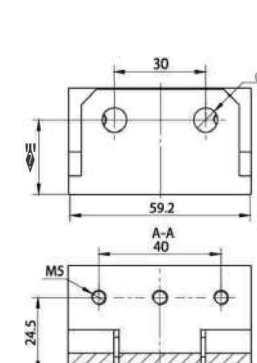
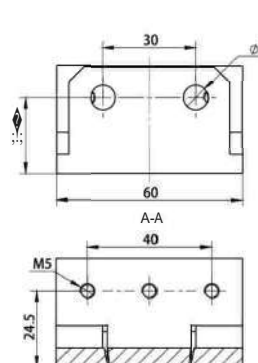


35KV high-voltage cabinet hinge center cabinet connected hinge

Order No.	Name	Specification	Color	Remark
8272	35KV high-voltage cabinet hinge(CX001)			
8273	center cabinet connected hinge (CX002)		white	
8274	center cabinet connected hinge (CX002)		Black	
8275	center cabinet connected hinge (CX002)		blue	
8276	center cabinet connected hinge (CX002)		grey	



CX-213-2 hinge CX-213-2-5 hinge



CX-213-2 hinge CX-213-2-5 hinge

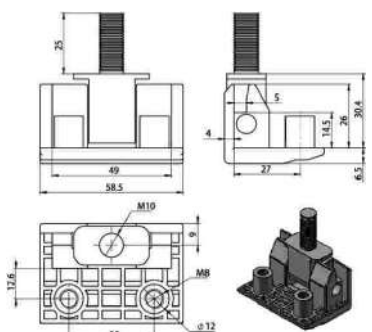
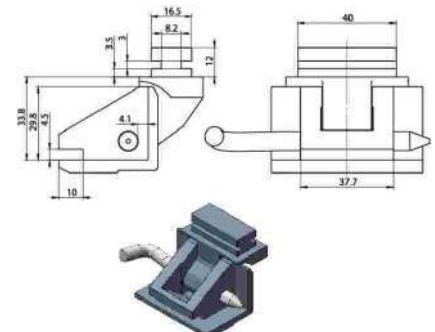
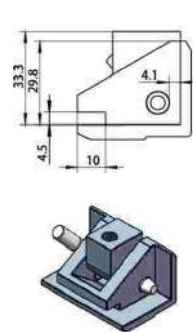
Order No.	Name	Specification	Color	Remark
8277	CX-213-2 hinge	edgefold 33	Black	for high-voltage center cabinet
8278	CX-213-2 hinge	edgefold 33	grey	for high-voltage center cabinet
8279	CX-213-2 hinge	edgefold 33	blue	for high-voltage center cabinet
8280	CX-213-2-5 hinge	edgefold 28	Black	for high-voltage center cabinet
8281	CX-213-2-5 hinge	edgefold 28	grey	for high-voltage center cabinet
8282	CX-213-2-5 hinge	edgefold 28	blue	for high-voltage center cabinet



CX-217 hinge CX-216 hinge



CX-218 hinge



CX-217 hinge CX-216 hinge CX-218 hinge

Order No.	Name	Specification	Color	Remark
8283	CX-217 hinge	with a bolt	Black	for high-voltage center cabinet
8284	CX-217 hinge	with a bolt	grey	for high-voltage center cabinet
8285	CX-217 hinge	with a bolt	blue	for high-voltage center cabinet
8286	CX-216 hinge	with a bolt, lock catch	Black	for high-voltage center cabinet
8287	CX-216 hinge	with a bolt, lock catch	grey	for high-voltage center cabinet
8288	CX-216 hinge	with a bolt, lock catch	blue	for high-voltage center cabinet
8289	CX-218 hinge	with screw on head	Black	for high-voltage center cabinet
8290	CX-218 hinge	with screw on head	grey	for high-voltage center cabinet
8291	CX-218 hinge	with screw on head	blue	for high-voltage center cabinet



Center cabinet cable seal ring

Order No.	Name	Specification	Color	Remark
8308	Center cabinet pyramid-shaped cable seal ring	φ80	Black	
8309	Center cabinet pyramid-shaped cable seal ring	φ100	Black	
8310	Center cabinet cable seal ring	φ30	Black	
8311	Center cabinet cable seal ring	φ50	Black	
8312	Center cabinet cable seal ring	φ60	Black	
8313	Center cabinet cable seal ring	φ80	Black	
8314	Center cabinet cable seal ring	φ100	Black	

Order No.8315

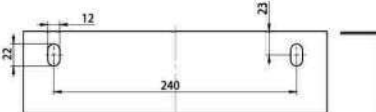


CX- medium door padlock device

Order No.8316



G9/voltage transformer



Door trim strip

Order No.	Name	Specification	Color	Remark
8228	ABB lock imitation		Black	
8229	ABB lock imitation		Blue	
8230	ABB lock imitation		Grey	
8231	ABB lock accessories imitation	Including: handle lock drawer (3), handle lock square (welded to the door) (3), handle lock bracket (upper) (1), handle lock bracket (center) (1), handle lock bracket (lower) (1)		
8232	handle lock square screw	screw height 24	nameless	
8233	handle lock square screw	screw height 25		
8234	handle lock square screw	screw height 26		



Imitation of ABB quick-opening door handle lock



handle lock dowel



handle lock bracket (upper)



handle lock bracket (center)



handle lock square screw (mounted on the frame)

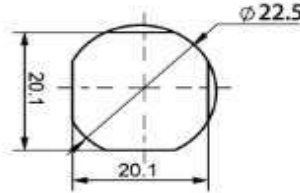


handle lock square (welded to the door)



handle lock bracket (lower)

Order No.	Name	Specification	Color	Remark
8235	MNS714-3 center cabinet instrument door quick opening lock		Black	
8236	MNS714-3 center cabinet instrument door quick opening lock		Blue	
8237	MNS714-3 center cabinet instrument door quick opening lock		Grey	
8238	MNS714-3 lock catch	high		Door sheet edge fold 33
8239	MNS714-3 lock catch	low		Door sheet edge fold 30



lock hole-opening drawing



MNS714-3 A-A



high low A-A



New viewing window



Old viewing window



viewing window

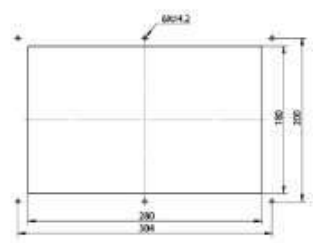
Order No.	Name	Specification	Color	Remark
8220	New viewing window	glass size:298X192X8	blue	
8221	New viewing window	glass size:298X192X8	grey	
8222	Old viewing window	glass size:320X210X8	white	
8223	viewing window	viewing window size:230X150	Black	
8224	center cabinet glass (thick 8mm)		customized	
8225	center cabinet glass (thick 8mm)			
8226	center cabinet glass (thick 10mm)		customized	
8227	center cabinet with glass screen mesh (thick 10mm)		customized	



center cabinet glass



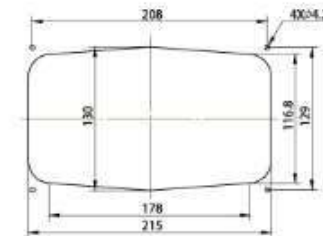
center cabinet with glass screen mesh (国网专用)



New viewing window



Old viewing window



viewing window

Order No.	Name	Specification	Color	Remark
8210	h:nlcatadvma11retrealscl,oo	metal piece		
8211	h:nlcatadvma11retrealscl,oo	plastic piece	grey (white)	
8320	h:nlcatadvma11retrealscl,oo	plastic piece	white (I)	
8212	fl:lh:nicatadvma11retrealscutdml	height 14mm	blue	
8213	fl:lh:nicatadvma11retrealscutdml	height 34mm	blue	
8214	fl:lh:nicatadvma11retrealscutdml	height 14mm	grey	
8215	fl:lh:nicatadvma11retrealscutdml	height 34mm	grey	
8216	fl:lh:nicatadvma11retrealscutdml	height9mm	blue	clip-on
8217	fl:lh:nicatadvma11retrealscutdml	height 24mm	blue	clip-on
8218	fl:lh:nicatadvma11retrealscutdml	height9mm	grey	clip-on
8219	fl:lh:nicatadvma11retrealscutdml	height 24mm	grey	clip-on



handcart advance and retreat soulcheon (metal piece)



handcart advance and retreat soulcheon (plastic piece)



14mm high



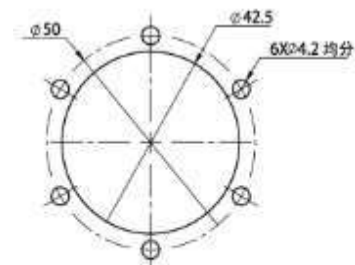
34mm high



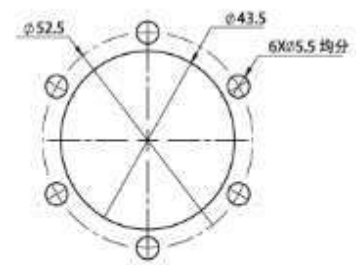
9mm high



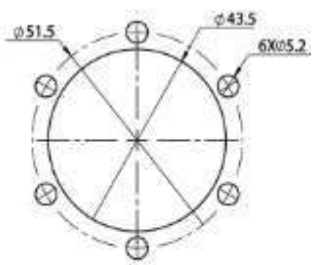
24mm high



8211



8212



8216