



Green Power

**LIGHTS UP THE WAY
TO THE FUTURE**

- Low Voltage Cubicle
Component and Accessories



GREENPOWER
global procurement & manufacture

Green Power

**LIGHTS UP THE WAY
TO THE FUTURE**



- *Environment Friendly*
- *Save Energy and Resource*
- *One-Stop Solutions Concept*
- *Customer Value Increasing*



About Us

Green Power promotes environmental awareness, and aims to create unprecedented happiness and wealth for our investors, employees, clients and partners. By focusing in the mid-to-high voltage and low voltage field, and professionally working on R&D, manufacturing, marketing and service of high-end green intelligent switchgears, equipments and products. GreenPower sets to become a well-respected global company in the power industry.

GreenPower, is jointly established by a number of state-owned excellent industrial electrical professional manufacturers, we committed to meet the procurement needs of clients. It is a professional procurement service provider with entity of industrial electrical.

GreenPower provides ONE-STOP solutions service for all customers in the International area. It is located in the time-honored electrical industrial city, a collection of world-class brand of industrial electrical products, excellent brand of domestic electrical products as the basis.

Innovative business philosophy, strong professional supply team, expert technical guidance, advanced Information network management platform, fast logistics, which makes GreenPower as your procurement expert by your side.

GreenPower adheres to its own brand and multi-brand integration, marketing differentiated development strategy. The products involving low voltage, medium voltage and high voltage transmission and distribution products and industrial automation products.

It covering all aspects of distribution, logistics, warehousing, professional and technical engineering services, systems integration and complete sets of manufacturing. Stable business foundation for cooperation with customers and suppliers, and has established a good reputation to maintain its leading position in the market competition.

Human quests for transcendence, with transcendence we make progress, when the pursuit of unlimited become a belief, our dream began to realize.

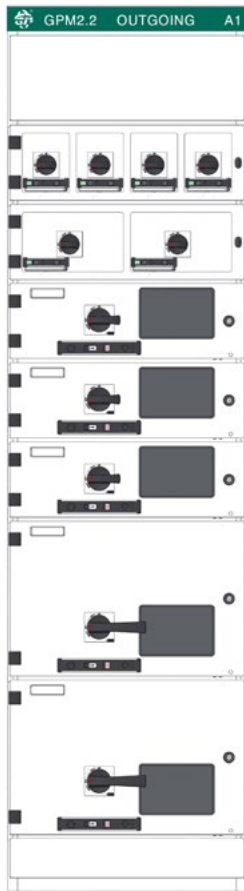
Hard-working, dedicated GreenPower people, will be adhering to its past glory, beginners mind, let go sailing, to face the fierce competition in the future, and always help customers make the best choice, and strive to become the best and most reliable procurement service provider in the field of industrial electrical.



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GPM2.2 Cabinet introduction



1. Structure overview

GPM2.2 drawer structure is a new technology developed by our company, and authorizing two inventions.

GPM2.2 removable operation drawer unit structure is driven by the drawer to push the interlocking mechanism chassis, the moving part is composed of two parts, and the interlocking mechanism chassis and the unit compartment are locked, The unit door is closed,

The three position operation conversion is implemented by a movable part.

2. Current level

Unit drawer:

Three-pole rear outlet scheme 125A, 250A, 400A, 630A, 800A

Four-pole rear outlet scheme 125A, 250A, 400A, 630A

Three-pole side outlet scheme 125A, 250A, 400A, 630A

3. GPM2.2 drawer push interlock technology function

The drawer enters the unit room, the unit door is closed, and the movable parts are converted in three positions.

Three-position operation does not change the operational protection level;

Separation: main and auxiliary circuit isolation

Test: Auxiliary circuit is on, main circuit is isolated

Connection: main and auxiliary circuits are connected

When the movable part is moved out of the separation position, the drawer chassis and the unit compartment are locked, only in the separated position, drawers can enter and exit the unit to prevent any position the drawer and has an emergency unlock function; The movable part enters the connection position, the unit door is locked by the door interlock, but can unlock to open through the emergency unlock function.

Ensure that the hand-operated closing and the drawer propulsion mechanism are locked, and only the opening position can be operated and moved component;

Ensuring the interlocking function technology that the main switch must trip when the electric operation is mishandled;

The unit drawer can be equipped with an intelligent 24V communication port, which is driven by the propulsion mechanism.

Functional technology for connection of road synchronization operations;

Vertical busbar end closure structure, equipped with hinge locking flaps, drawers entering the unit compartment,

The hinge shutter is automatically opened and the drawer is moved out of the unit compartment.

The hinge shutter is automatically closed to achieve the protection level IP40;

Anti-drop door hinge, Hide hinge, clear hinge for selection;

Brand cooperation technology, high-performance innovation requirements, with many big project engineering in domestic and global market.



Connection



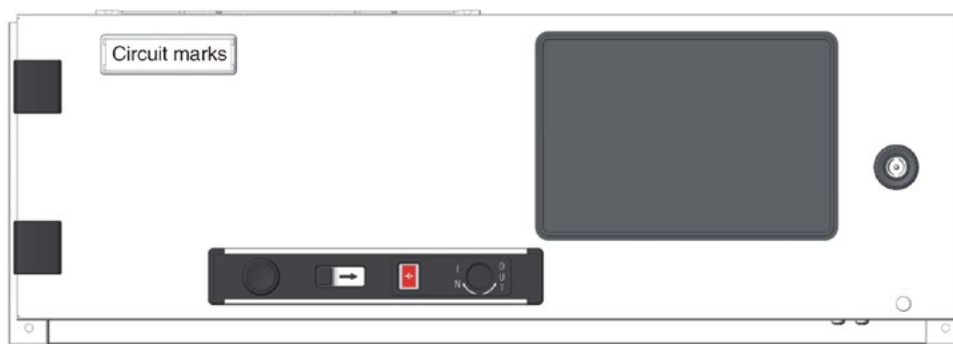
Test



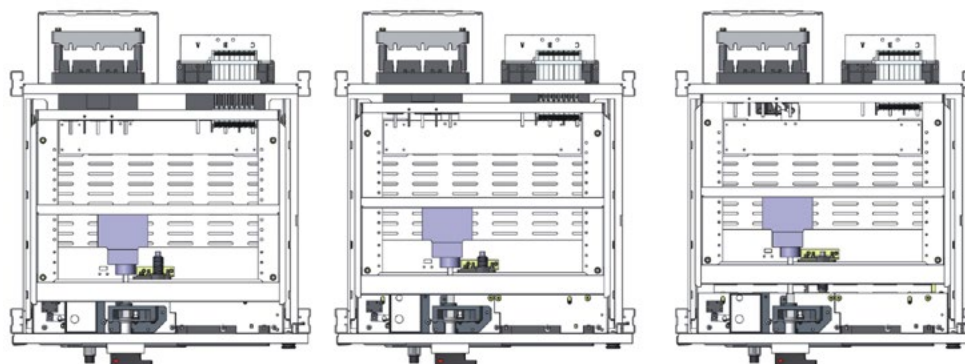
Separation



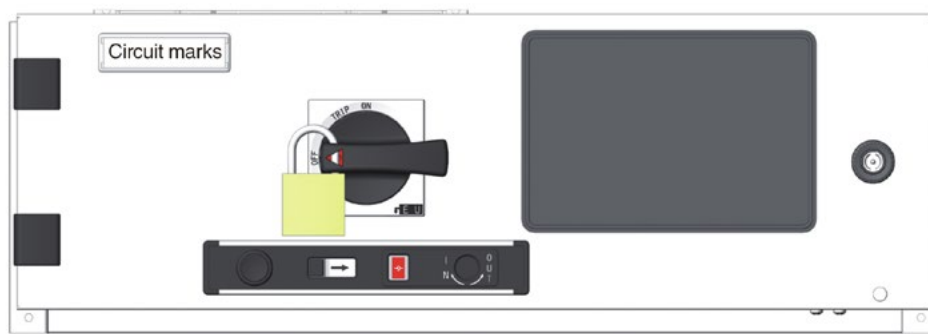
- GPM2.2 Electric drive propulsion interlocking mechanism, clear hinge unit drawer surface (also available with hide hinge)



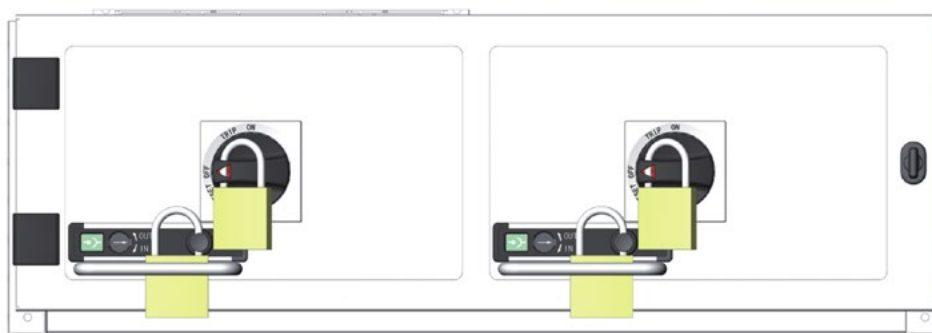
- GPM2.2 Drawer three position state diagram



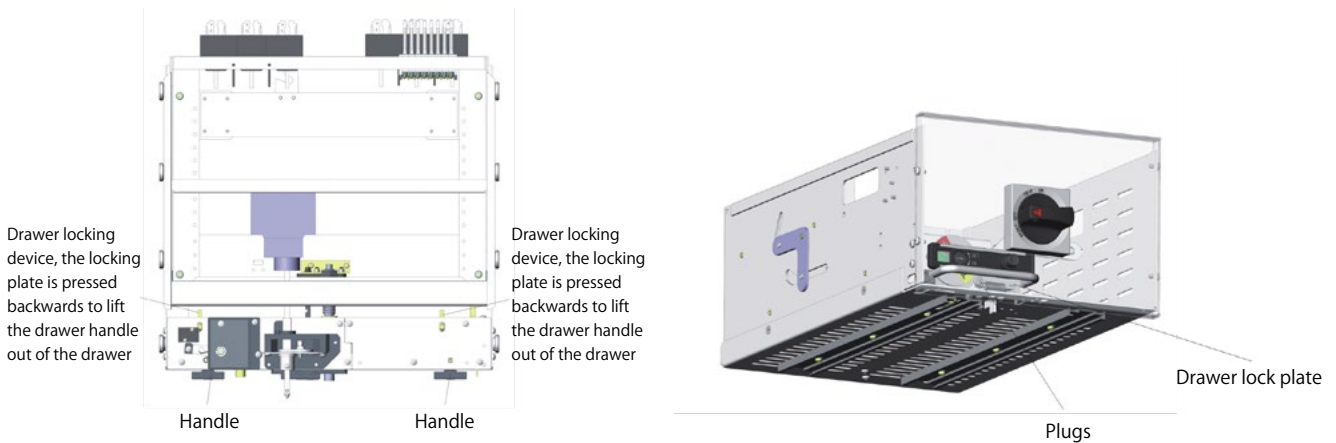
- The separation position can be locked, the switch handle is locked, the unit door cannot be opened, and the switch cannot be closed.



- The separation position can be locked, the switch handle is locked, the switch cannot be closed, the unlock button is locked, and the drawer cannot be pulled out.

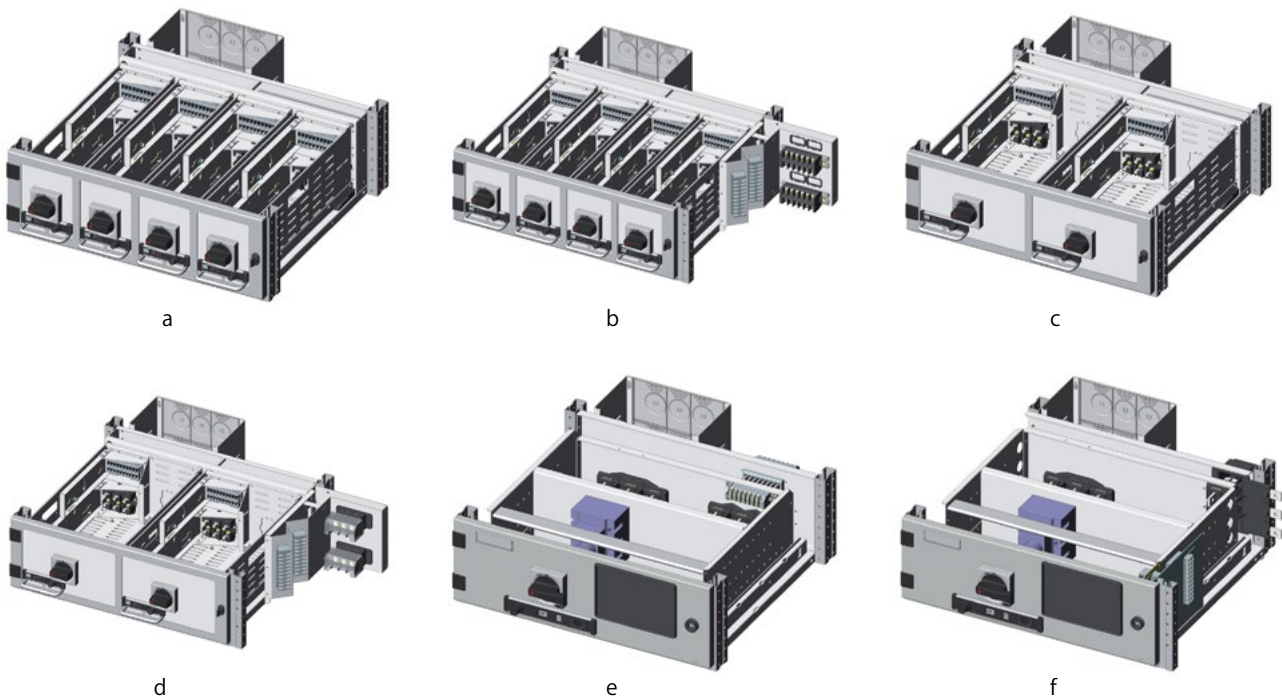


● Drawer function program display



Pushing the handle mechanism on the left and right sides of the interlocking mechanism has a locking function. Once the unit drawer has a mechanical failure caused by the propulsion mechanism and the interlocking mechanism, as long as the unit door is opened, the opening and closing state of the switch is pressed against the interlocking mechanism with the corresponding tool (see Figure opens the lock) lockout plate, Lift the left and right handles and pull the drawer out of the unit.

When the 1/4, 1/2 drawer fails, first open the main switch, then unplug the plug on the drawer panel, and use the tool to move the drawer interlock plate to the left, you can press the unlock button and pull out the drawer. Note: Pull out the drawer and use the tool to move the drawer interlocking plate to the left again. When the button pops up, the drawer can enter the lock again.

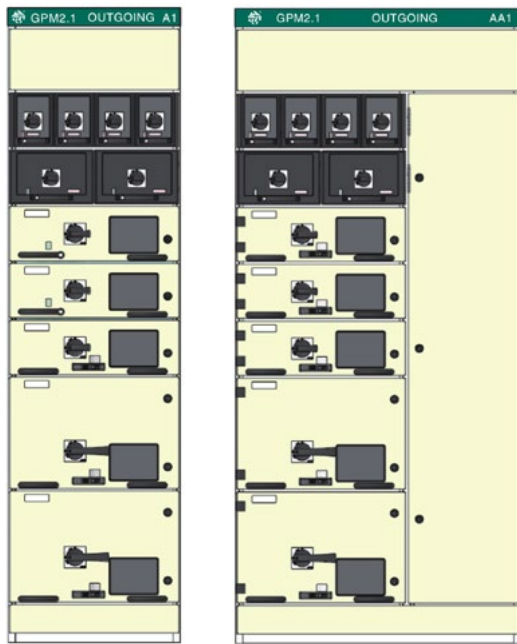


- a. 1/4 rear outlet b. 1/4 side outlet
 c. 1/2 rear outlet d. 1/2 side outlet
 e. 1 unit rear outlet f. 1 unit side outlet

● GPM2.1 Drawer unit system structure device

Rear outlet cabinet

Side outlet cabinet



Rear outlet cabinet size: 600 × 1000 × 2200

Unit room depth: 450

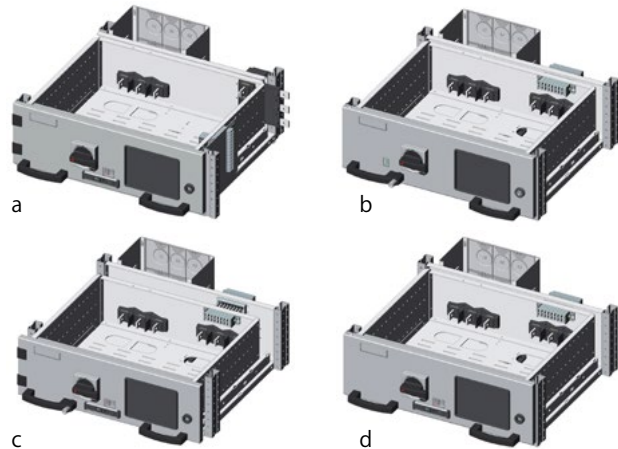
Side outlet cabinet size: 1000 × 600 × 2200

Unit room depth: 450

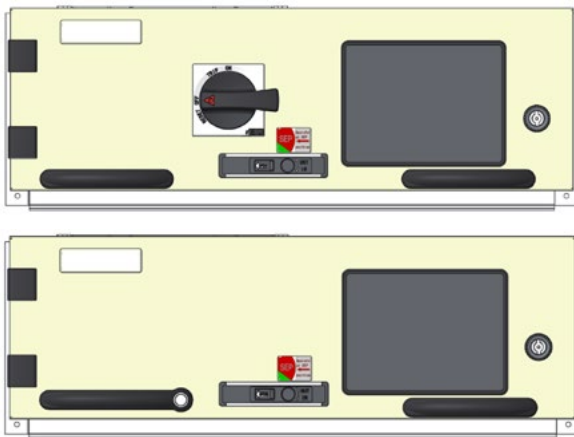
Maximum vertical busbar allowed: 6 × 80

Horizontal busbar: top installation

● Unit drawer basic function application



● GPJG8(H) propulsion mechanism panel



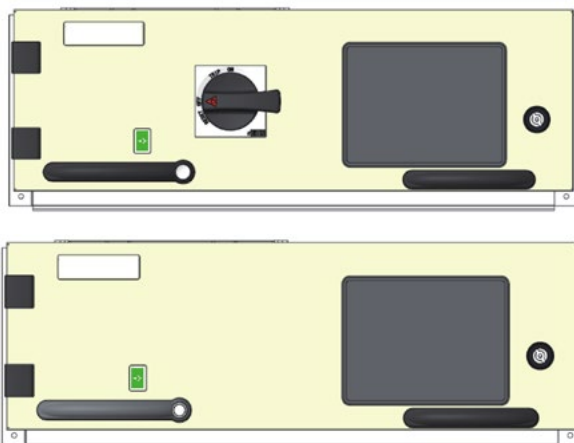
1

2

3

1. GPJG8 (H) hand-pulling interlock mechanism, clear hinge unit drawer surface
2. GPJG8 (H) hand-pulling interlock mechanism, hide hinge unit drawer face
3. GPJG8 (H2) electric hand crank propulsion interlocking mechanism, clear hinge unit drawer panel (optional) (select the hide hinge), The button can be locked 90 degrees right to prevent accidental tripping of the running collision.

● GPSL-2 Hand-pulling mechanism panel



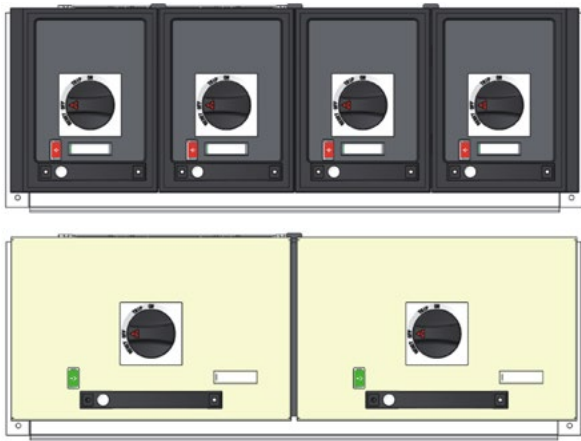
1

2

3

1. GPSL-2 hand-pulling interlock mechanism, clear hinge unit drawer face
2. GPSL-2 hand-pulling interlock mechanism, hide hinge unit drawer face
3. GPSL-2 electric operation hand push-pull interlocking mechanism, clear hinge unit drawer surface (optional hide hinge), button can be locked right 90 degrees to prevent accidental trip of running collision

● GPSL-1 propulsion mechanism panel



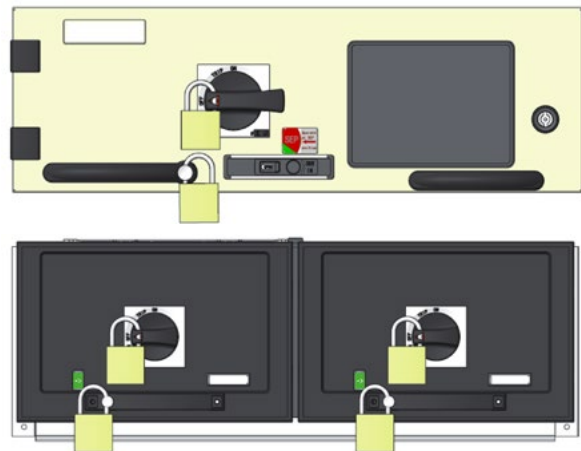
1

2

3

1. GPSL-1-1/4 hand-pulling interlocking mechanism, steel-plastic combined panel drawer surface
 2. GPSL-1-1/2 hand-pulling interlocking mechanism, steel-plastic combined panel drawer surface
 3. GPSL-1-1/2 hand-pulling interlocking mechanism, steel panel drawer face
- Note: The center of the 1/2 drawer switch handle can be moved to the left by 35mm or center mounted.

● Separate position panel padlock function (safety maintenance)



1

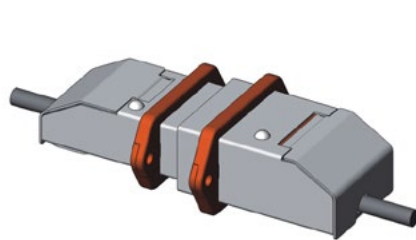
2

3

The separation position can be locked, the switch handle is locked, the unit door cannot be opened, the unlock button is locked, and the drawer cannot be operated.

1. GPJG8 (H3) manual propulsion interlocking mechanism
2. GPSL-2 with separate locking hand push-type interlocking mechanism
3. GPSL-1-1/2 with separate locking hand push-up interlocking mechanism

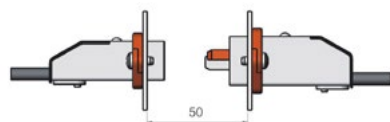
● GPCF-Z/3 Intelligent communication connector



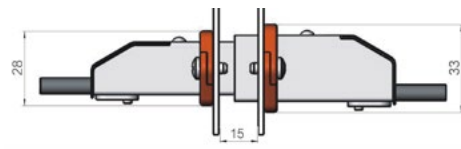
GPCF-Z/3 intelligent communication connector



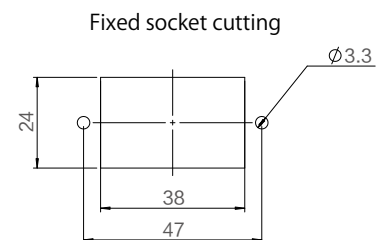
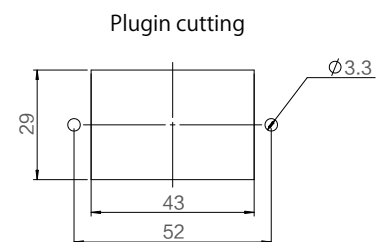
Unit drawer assembly drawing with intelligent communication connector



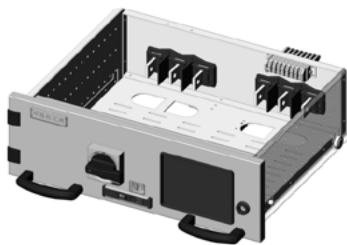
Separation state diagram



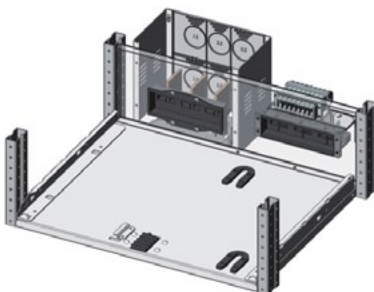
Connection status diagram



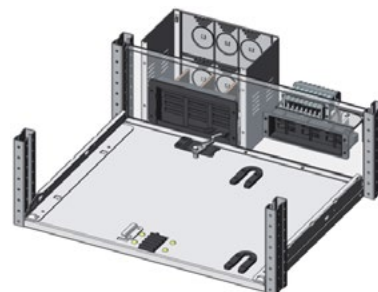
● GPM2.1 Drawer module unit system



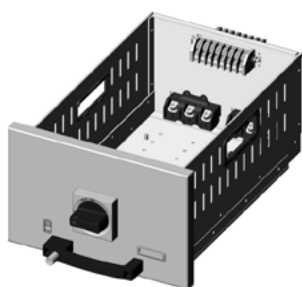
Unit drawer



Unit room (incoming line IP20)



Unit room (incoming line IP40)



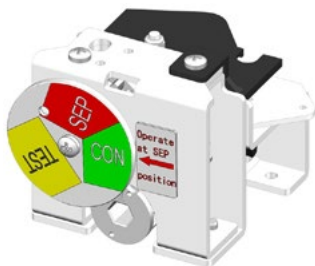
Introduction to drawer unit features



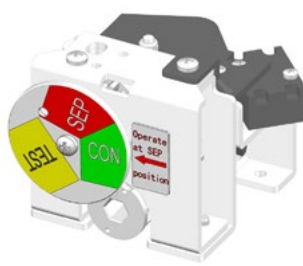
The drawer solution satisfies the subway signal control cabinet, satisfies the main circuit 10A, 6 contacts, and satisfies the auxiliary circuit 24 contacts



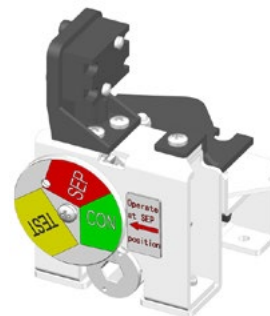
● GPJG8(H) standard hand crank mechanism with no travel switch



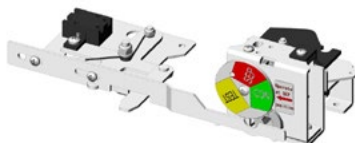
● GPJG8 (H) standard hand-cranked propulsion mechanism



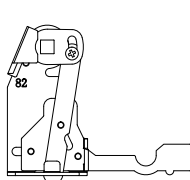
● GPJG8 (HI) type hand crank mechanism (self-operated travel switch)



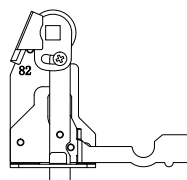
● GPJG8 (H2) electric operation protection type propulsion mechanism



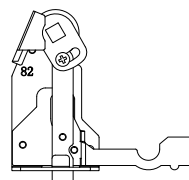
● Introduction to the closing interlock of GPJG8 series



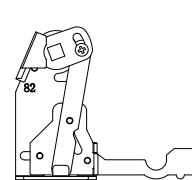
Opening position



Closing position



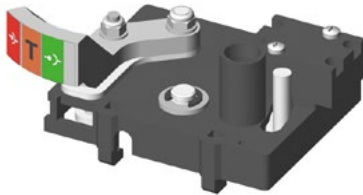
Abnormal trip position



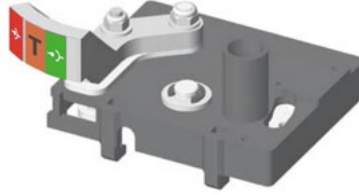
Re-deposit position

GPM2.1 Accessories

- GPSL-1-1/4 hand-pulling mechanism with limit switch



- GPSL-1-1/4 hand-pulling mechanism without limit switch



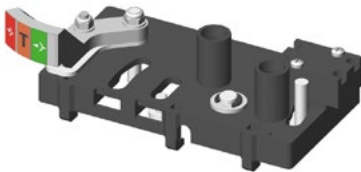
Opening position



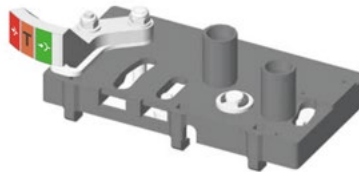
Closing position



- GPSL-1-1/2 hand-pulling mechanism with limit switch



- GPSL-1-1/2 hand-pulling mechanism without limit switch



Abnormal trip position

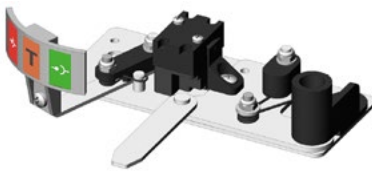


Re-deposit position

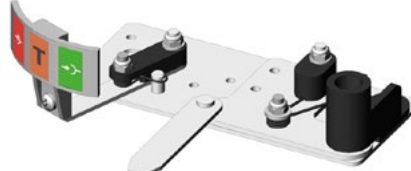


Module 1/2 and 1/4 with height: 68, 78;
Square rod specifications: 6x6, 8x8;

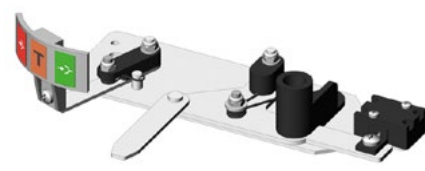
- GPSL-2-hand-pulling mechanism with limit switch



- GPSL-2 hand-pulling mechanism without limit switch



- GPSL-21 hand-pulling mechanism with limit switch



Unit drawers with height: 69, 82, 119, 145;
Square rod specifications: 6x6, 8x8, 10x10;

- GPJD-6-1/4 power distributor pattern (order description)



Figure 1 GPJD-6-1/4-32A/3 power distributor-rear outlet pattern



Figure 2 GPJD-6-1/4-32A/3 power distributor side outlet pattern

Specification model	Unit room (mm)	Unit room (mm)	Panel shape	Single drawer secondary pins.	Way out	Corresponding pattern
GPJD-6-1/4-32A/3-540x175-136-5H	540	200	Steel panel	10	rear outlet	Figure 1
550x175-136-5H	550	200	Steel panel	10	rear outlet	
550x175-141.5-5H	550	200	Steel-plastic panel	10	rear outlet	
GPJD-6-1/4-32A/3-550x175-136-5C	550	200	Steel panel	10	Side outlet	Figure 2
550x175-141.5-5C	550	200	Steel-plastic panel	10	Side outlet	

● GPJD-6-1/2 power distributor pattern (order description)

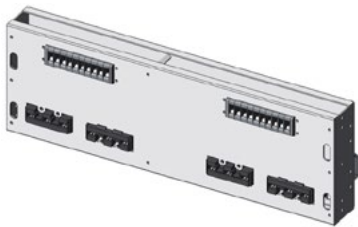


Figure 3 GPJD-6-1/2-63A/3 Power distributor - Rear Outlet Pattern

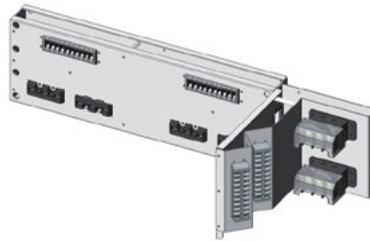


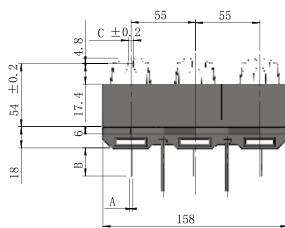
Figure 4 GPJD-6-1/2-63A/3 Power distributor - Side Outlet Pattern



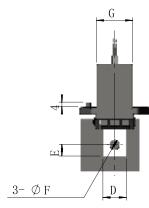
Figure 5 GPJD-6-1/2-32A/6- rear outlet pattern

Specification model	Unit room (mm)	Unit room (mm)	Panel form	Single drawer secondary pins qty.	Way out	Corresponding pattern
GPJD-6-1/2-63A/3-540x135-298-8H(10H)	540	160	Steel panel	16 (20)	Rear outlet	Figure 3
540x175-298-8H(10H)	540	200	Steel panel	16 (20)	Rear outlet	
550x125-298-8H(10H)	550	150	Steel panel	16 (20)	Rear outlet	
550x175-298-8H(10H)	550	200	Steel panel Steel-plastic panel	16 (20)	Rear outlet	
550x175-283-8H(10H)	550	200	Steel-plastic panel	16 (20)	Rear outlet	
GPJD-6-1/2-63A/3-550x125-298-8C(10C)	550	150	Steel panel	16 (20)	Side outlet	Figure 4
550x175-298-8C(10C)	550	200	Steel panel Steel-plastic panel	16 (20)	Side outlet	
550x175-283-8C(10C)	550	200	Steel-plastic panel	16 (20)	Side outlet	
GPJD-6-1/2-32A/6-540x175-298-8H(10H)	540	200	Steel-plastic panel	16 (20)	Rear outlet	Figure 5
550x175-298-8H(10H)	550	200	Steel panel Steel-plastic panel	16 (20)	Rear outlet	
550x175-283-8H(10H)	550	200	Steel-plastic panel	16 (20)	Rear outlet	

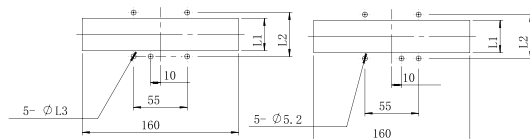
● GPJZ5A Primary plugins-3P



Cutting (incoming)



Cutting (outgoing)



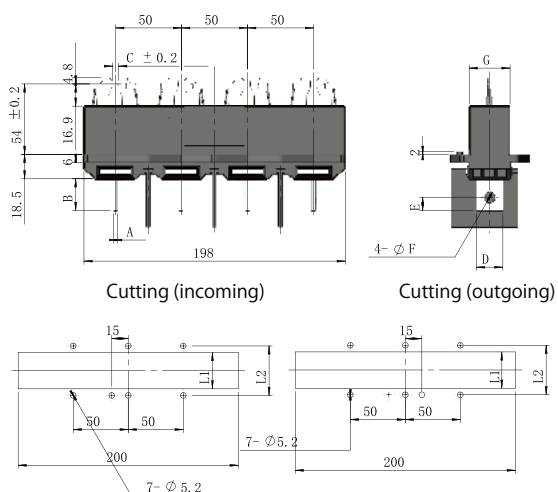
Description:

1. When the plug is used for incoming line, the thickness of the matching busbar is 6mm;
2. When used for outlet, match the corresponding GPJZ5B (G) series;
3. 400A, 630A, 800A Incoming line is universal, according to the inlet opening;
4. Do not arbitrarily change the thickness of the busbar, otherwise it will affect the electrical performance.

Rated current	A	B	C	D	E	F	G	L1	L2	L3
125A/3-DZ (Incoming)	3	24	4.4	20	10	8.5	31	33	45	5.2
125A/3-DZ (Outgoing)	3	24	1.4	20	10	8.5	31	33	45	5.2
250A/3-DZ(Incoming)	5	27	4.4	20	13	8.5	31	33	45	5.2
250A/3-DZ(Outgoing)	5	27	2.4	20	13	8.5	31	33	45	5.2
400A/3-DZ(Incoming)	6	37	4.4	30	15	10.5	41	43	55	5.2
630A/3-DZ(Incoming)	6	52	4.4	45	20	12.5	56	58	70	5.2
800A/3-DZ(Incoming)	6	65	4.4	60			73	75	90	6.2

GPM2.1 Accessories

- GPJZ5A Primary plugins-4P

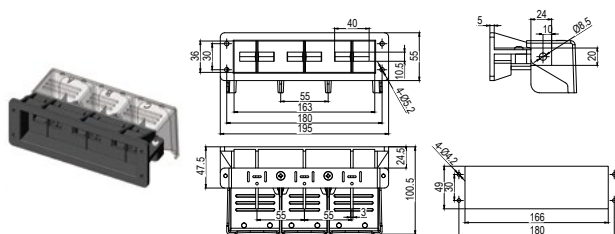


Description:

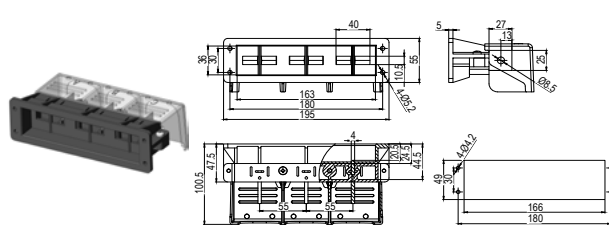
1. When the plug is used for incoming line, the thickness of the matching busbar is 6mm;
2. When used for outlet, match the corresponding GPJZ5B (G) series;
3. 400A, 630A, 800A Incoming line is universal, according to the inlet opening;
4. Equipped with GPJZ-4 pole entry shield or GPHY hinge valve;
5. Do not arbitrarily change the thickness of the busbar, otherwise it will affect the electrical performance.

Rated current	A	B	C	D	E	F	G	L1	L2
125A/4-DZ (Incoming)	3	24	4.4	20	10	8.5	31	33	45
125A/4-DZ (Outgoing)	3	24	1.4	20	10	8.5	31	33	45
250A/4-DZ(Incoming)	5	27	4.4	20	13	8.5	31	33	45
250A/4-DZ(Outgoing)	5	27	2.4	20	13	8.5	31	33	45
400A/4-DZ(Incoming)	6	37	4.4	30	15	10.5	41	43	55
630A/4-DZ(Incoming)	6	52	4.4	45	20	13	56	58	70

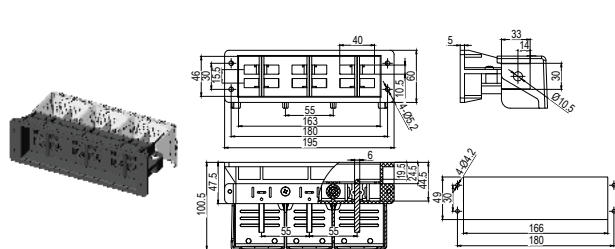
- GPJZ5B(G)-125A/3 Fixed socket



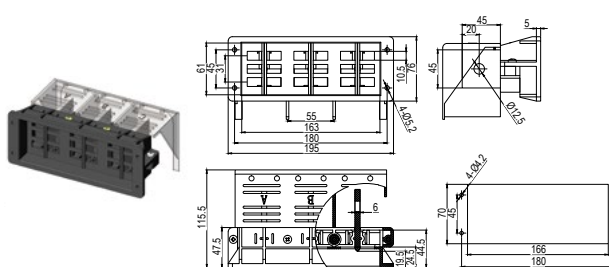
- GPJZ5B(G)-250A/3 Fixed socket



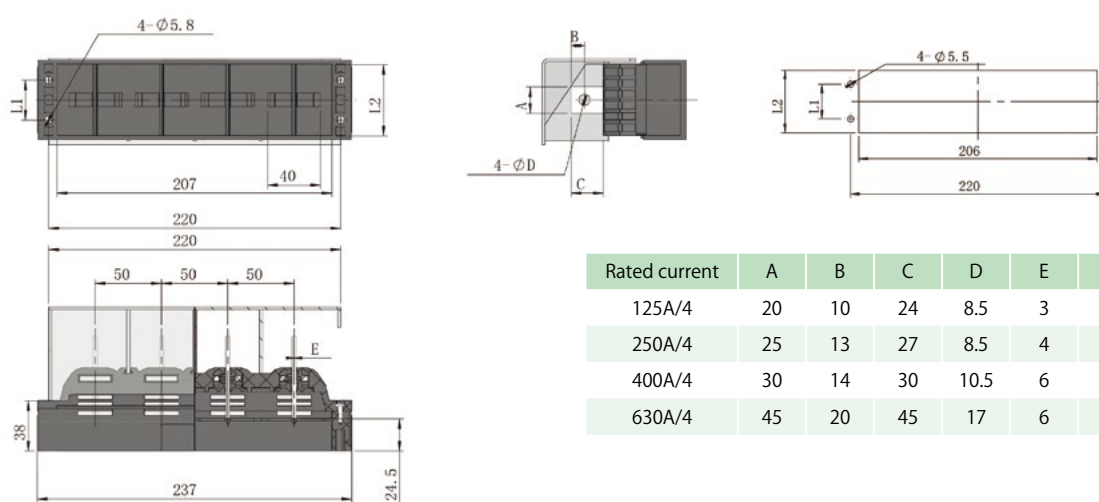
- GPJZ5B(G)-400A/3 Fixed socket



- GPJZ5B(G)-630A/3 Fixed socket

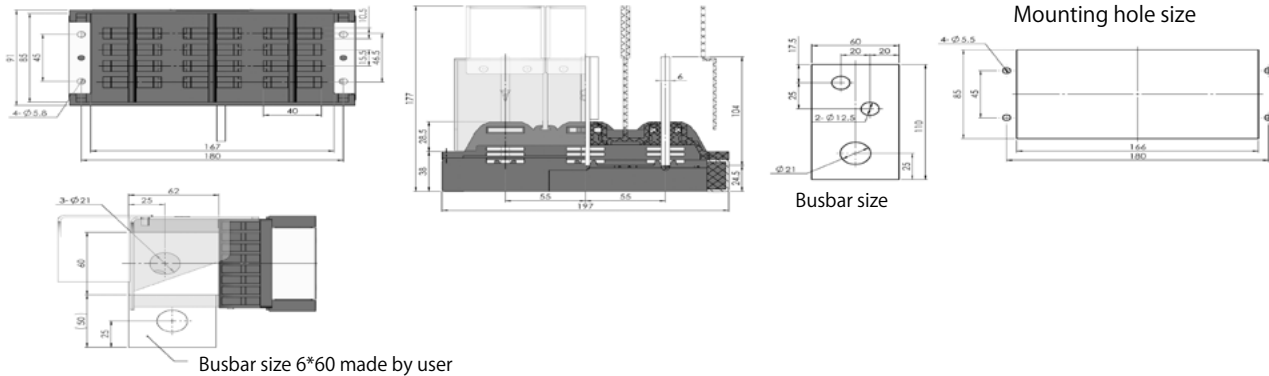


- GPJZ5B(G)- ☐ A/4 Fixed socket



Rated current	A	B	C	D	E	G	L1	L2
125A/4	20	10	24	8.5	3	31	30	54
250A/4	25	13	27	8.5	4	31	30	54
400A/4	30	14	30	10.5	6	41	30	54
630A/4	45	20	45	17	6	56	45	70

JCZ5B-800A/3 Fixed socket



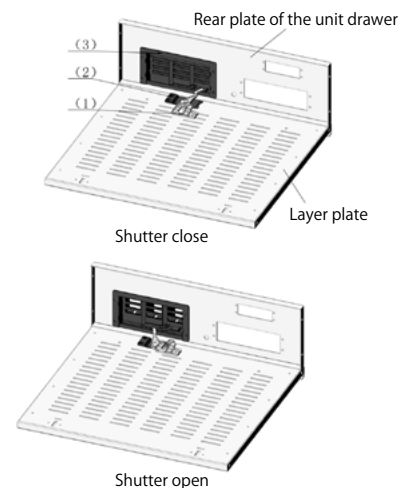
GPHY Shutter assembly

Description:

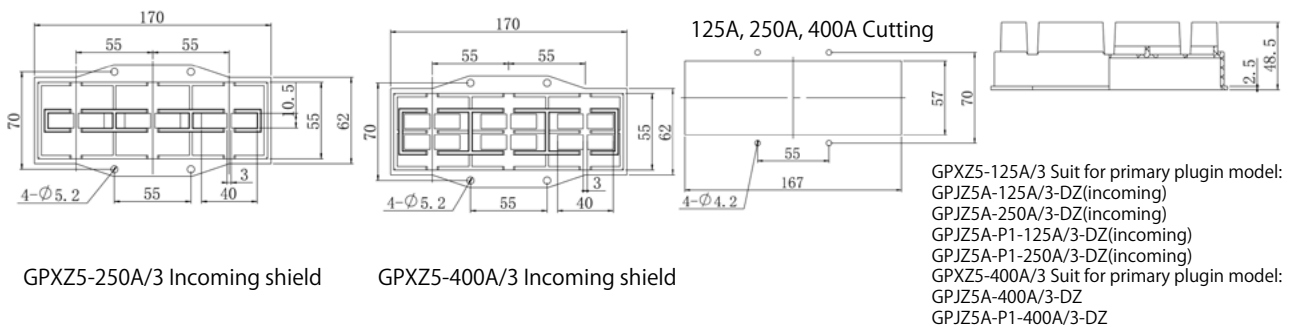
1. GPHY Shutter assembly can reach IP40 protection level;
2. (1) - hinge key is installed on the bottom plate of the drawer, (2) - hinge shutter assembly is installed on the cabinet floor, (3) - hinge valve is installed on the rear panel of the cabinet;
3. When the drawer is propelled, the guide groove of (1) enters the cylinder of (2), and as the drawer advances, (2) turns the dial to open the hinge valve;
4. When the drawer is withdrawn, the principle is the same as when the drawer is pushed forward. In the separated position, the hinge valve is closed to achieve the IP40 protection level;

Note: Both 3-pole and 4-pole solutions can be used.

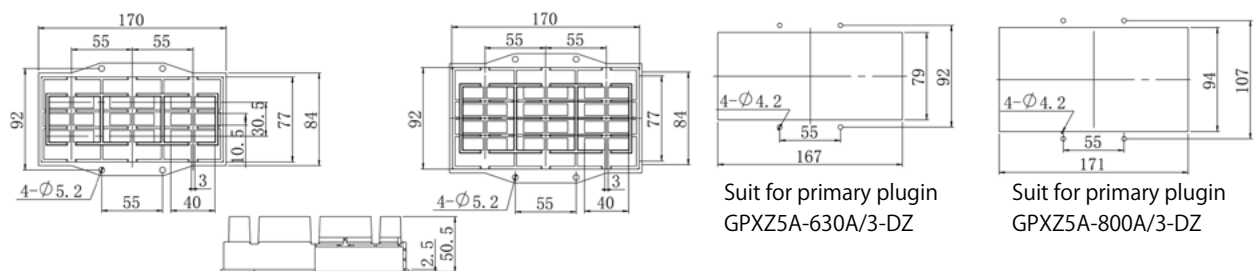
Contact GP's technical department for the relevant opening size and hinge valve size



GPXZ5-125A, 250A, 400A/3 Incoming shield

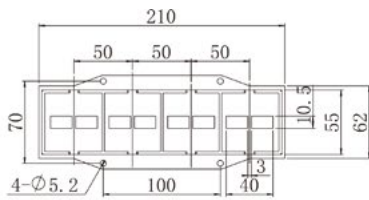


GPXZ5-630A, 800A/3 Incoming shield



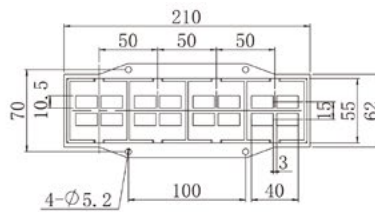
GPXZ5-630A/3 Incoming shield GPXZ5-800A/3 Incoming shield

- GPXZ5-125A, 250A, 400A/4 Incoming shield

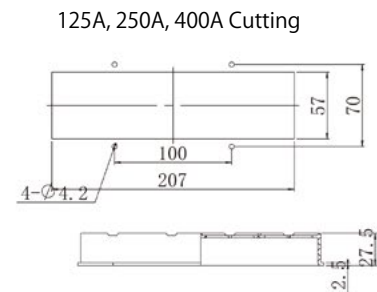


GPXZ5-250A/4 Incoming shield

Suit for primary plugin model:
GPJZ5A-125A/4-DZ(incoming)
GPJZ5A-250A/4-DZ(incoming)
GPXZ5-400A/4 Suit for primary plugin model:
GPJZ5A-400A/4-DZ

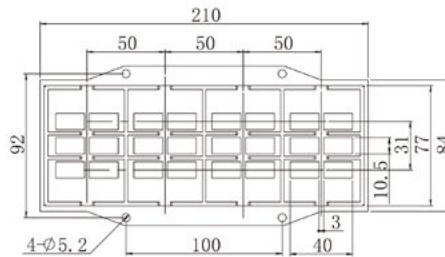
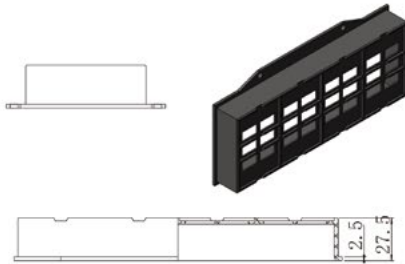


GPXZ5-400A/4 Incoming shield

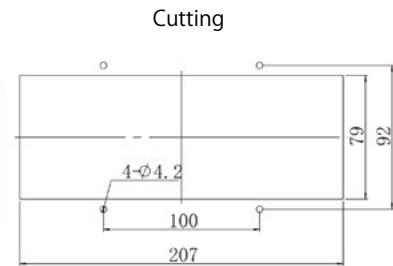


125A, 250A, 400A Cutting

- GPXZ5-630A/4 Incoming shield



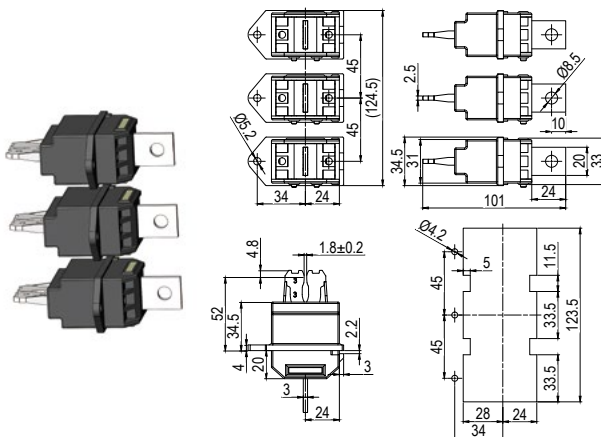
GPXZ5-630A/4 Incoming shield



Cutting

Suit for primary plugin
GPXZ5A-630A/4-DZ

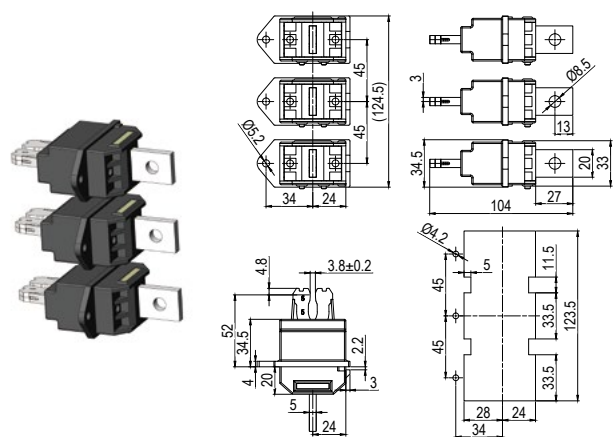
- GPJZ5A(C)-125A/3-DH Side outlet primary plug



Description:

1. For drawer outlet, plug 3mm busbar;
2. Can be equipped with GPJZ5B (C)-125A/3 fixed socket.

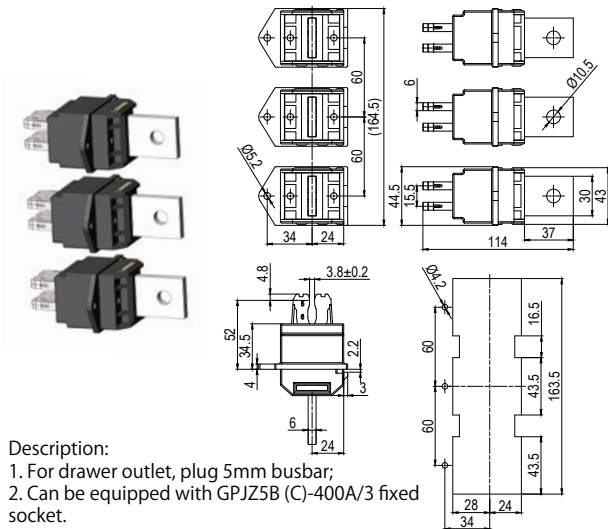
- GPJZ5A(C)-250A/3-DH Side outlet primary plug



Description:

1. For drawer outlet, plug 5mm busbar;
2. Can be equipped with GPJZ5B (C)-250A/3 static socket.

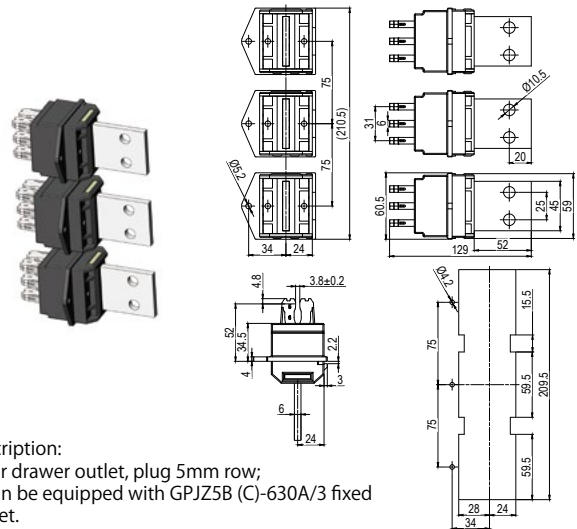
- GPJZ5A(C)-400A/3-DH Side outlet primary plug



Description:

1. For drawer outlet, plug 5mm busbar;
2. Can be equipped with GPJZ5B (C)-400A/3 fixed socket.
3. The cross-sectional area of the connection is 6*30 copper or 120 mm².
4. If the transition is connected, the busbar cross-sectional area is not less than 180 mm².

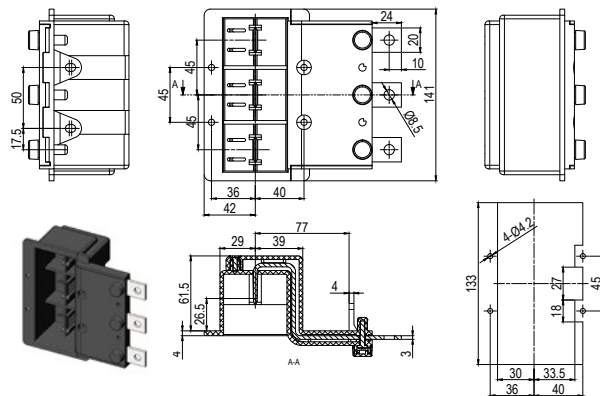
- GPJZ5A(C)-630A/3-DH Side outlet primary plug



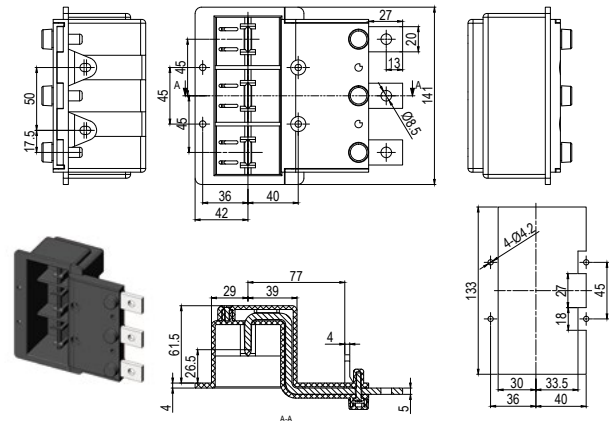
Description:

1. For drawer outlet, plug 5mm row;
2. Can be equipped with GPJZ5B (C)-630A/3 fixed socket.
3. The cross-sectional area of the connection is busbar 5*40 mm² double-split or cable 185 mm² double.
4. If the transition connection must be double busbar, the cross-sectional area is not less than 400 mm².

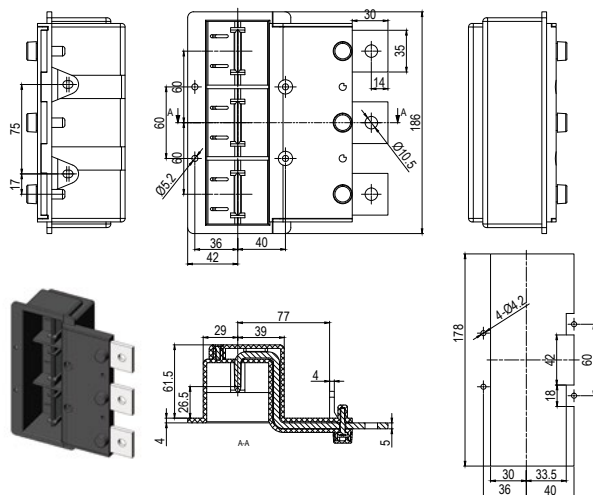
- GPJZ5B(C)-125A/3 Side outlet fixed socket



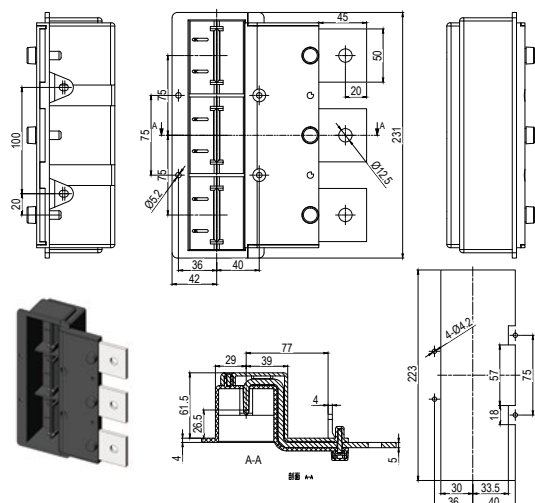
- GPJZ5B(C)-250A/3 Side outlet fixed socket



- GPJZ5B(C)-400A/3 Side outlet fixed socket

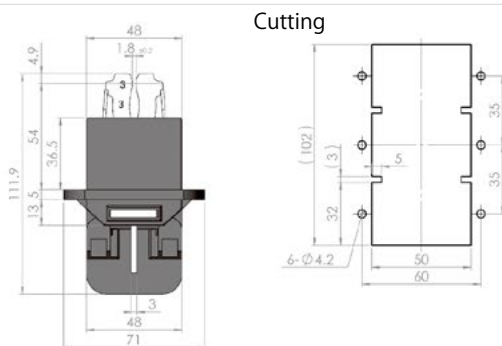
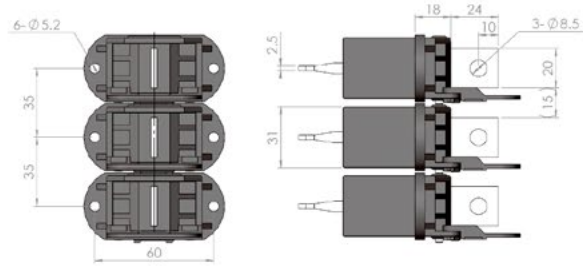


- GPJZ5B(C)-630A/3 Side outlet fixed socket



GPM2.1 Accessories

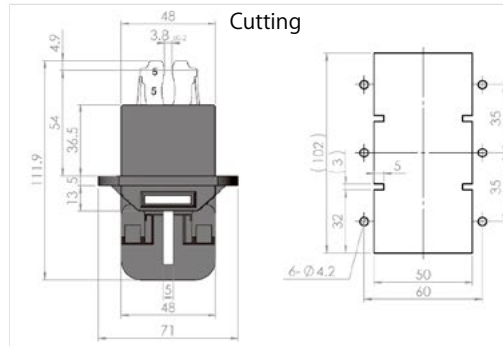
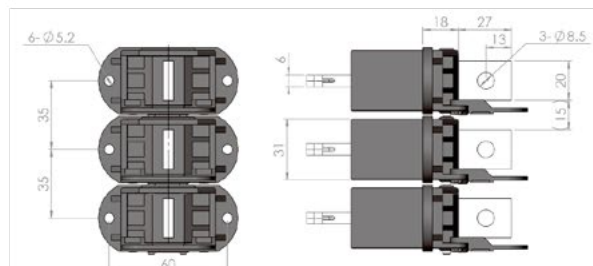
GPJZ5A(Z)-125A/3-DH Side outlet primary plug



Description:

1. For drawer outlet, plug 3mm busbar;
2. Can be equipped with GPJZ5B(M)-125A/3
GPJZ5B(Z)-125A/3
GPJZ6B(M)-125A/3
GPJZ6B (Z)-125A/3 fixed socket

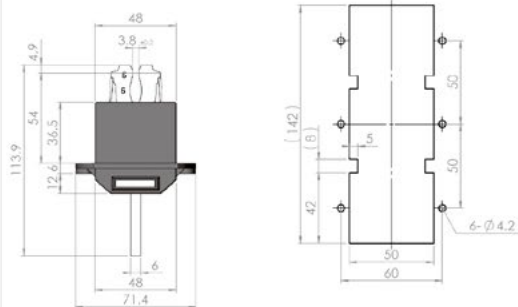
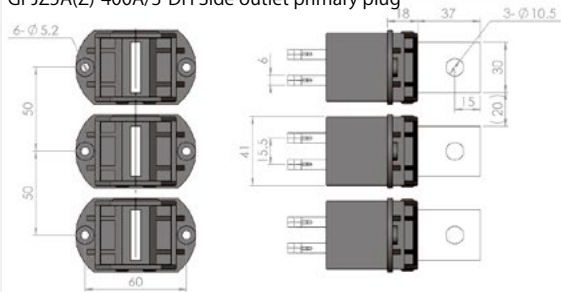
GPJZ5A(Z)-250A/3-DH Side outlet primary plug



Description:

1. For drawer outlet, plug 5mm busbar;
2. Can be equipped with GPJZ5B(M)-250A/3
GPJZ5B(Z)-250A/3
GPJZ6B(M)-250A/3
GPJZ6B (Z)-250A/3 fixed socket

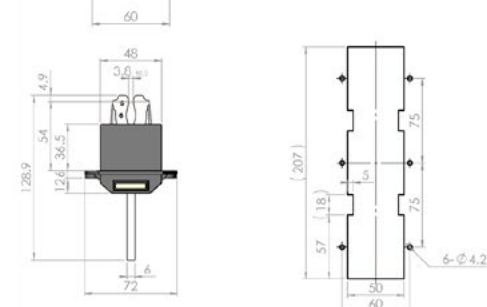
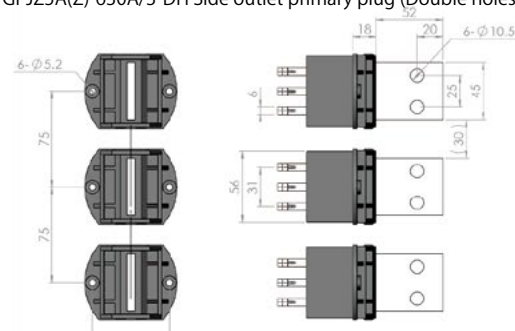
GPJZ5A(Z)-400A/3-DH Side outlet primary plug



Description:

1. For drawer outlet, plug 5mm busbar;
2. Can be equipped with GPJZ5B(M)-400A/3
GPJZ5B(Z)-400A/3
GPJZ6B(M)-400A/3
GPJZ6B (Z)-400A/3 fixed socket
3. The cross-sectional area of the connection busbar is 6*30 or cable 120 mm².
4. If the transition is connected, the busbar cross-sectional area is not less than 180 mm².

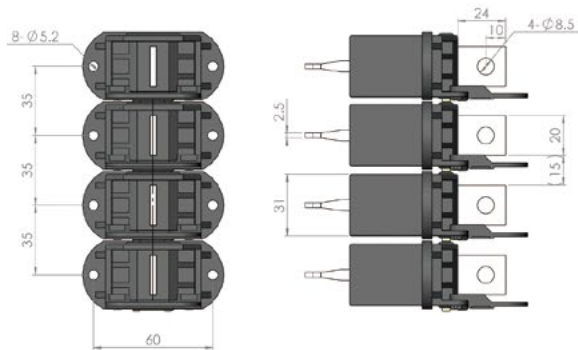
GPJZ5A(Z)-630A/3-DH Side outlet primary plug (Double holes)



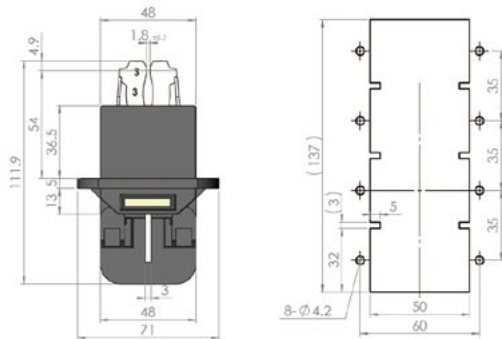
Description:

1. For drawer outlet, plug 5mm busbar;
2. Can be equipped with GPJZ5B(M)-630A/3
GPJZ5B(Z)-630A/3
GPJZ6B(M)-630A/3
GPJZ6B(Z)-630A/3 fixed socket
3. The cross-sectional area of the connection busbar is 5*40 or cable 180 mm².
4. If the transition is connected, the busbar cross-sectional area is not less than 400 mm².

● GPJZ5A(Z)-125A/4-DH Side outlet primary plug

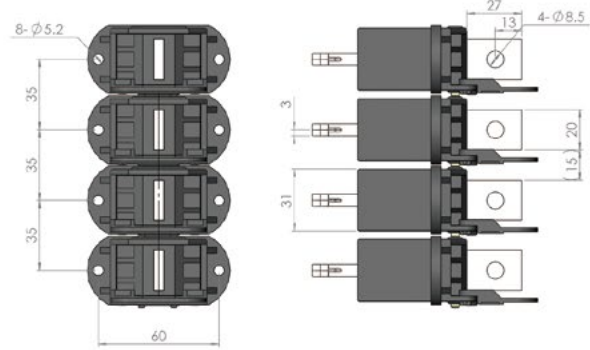


Cutting

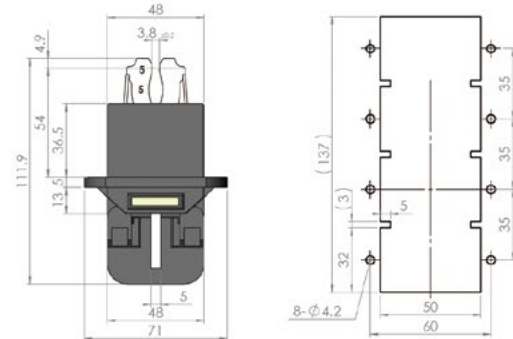


Description:
1. for drawer outlet, plug 3mm busbar;
2. suit for GPJZ5B(M)-125A/4 fixed socket

● GPJZ5A(Z)-250A/4-DH Side outlet primary plug

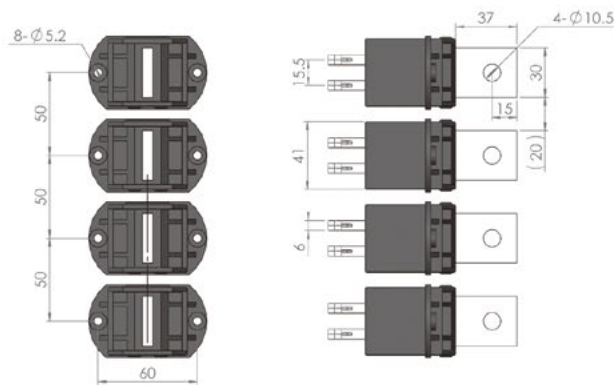


Cutting

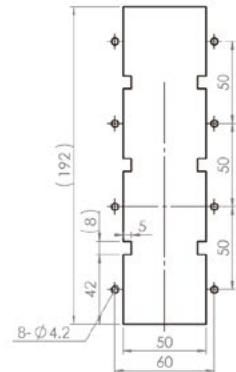


Description:
1. for drawer outlet, plug 5mm busbar;
2. suit for GPJZ5B(M)-250A/4 fixed socket

● GPJZ5A(Z)-400A/4-DH Side outlet primary plug



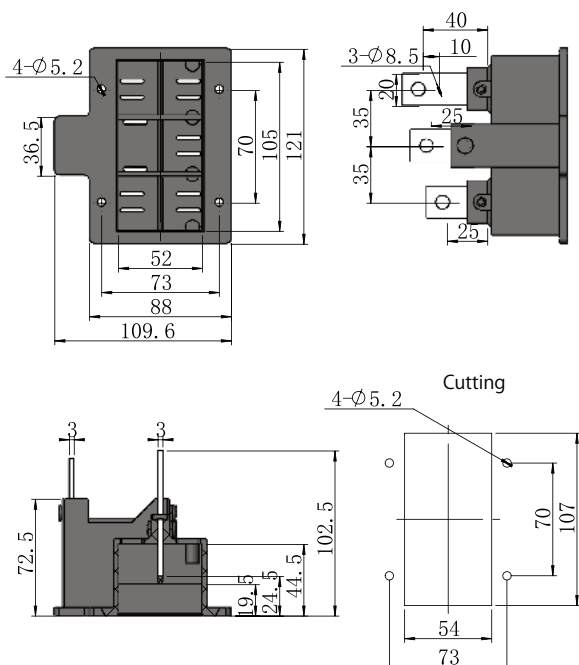
Cutting



Description:
1. for drawer outlet, plug 5mm busbar;
2. suit for GPJZ5B(M)-400A/4 fixed socket
3. the cross-sectional area busbar 6*30 or cable 120mm² double
4. if the transition is connected, the busbar cross-sectional area is not less than 180mm²

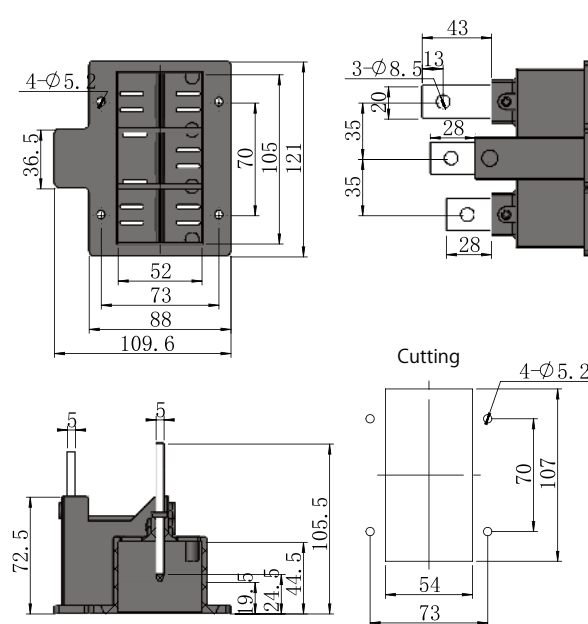
GPM2.1 Accessories

GPJZ6B(M)-125A/3 Rear outlet fixed socket



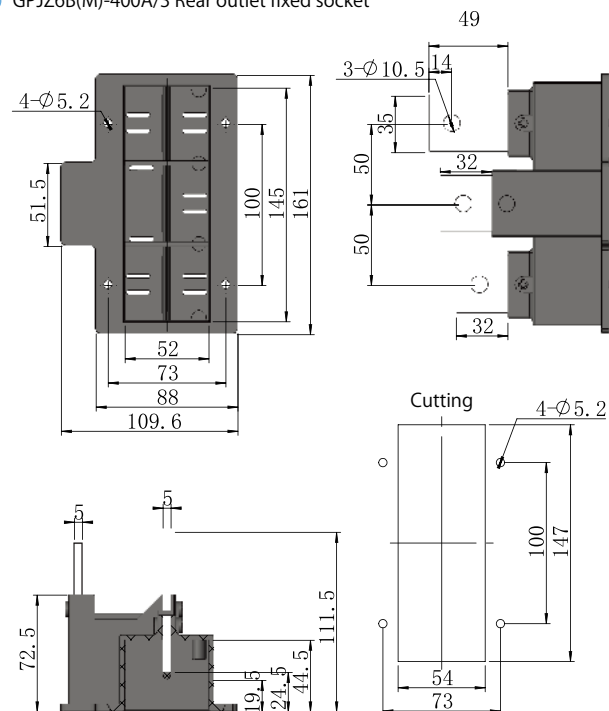
Suit for GPJZ5A(Z)-125A/3-DH movable plugin

GPJZ6B(M)-250A/3 Rear outlet fixed socket



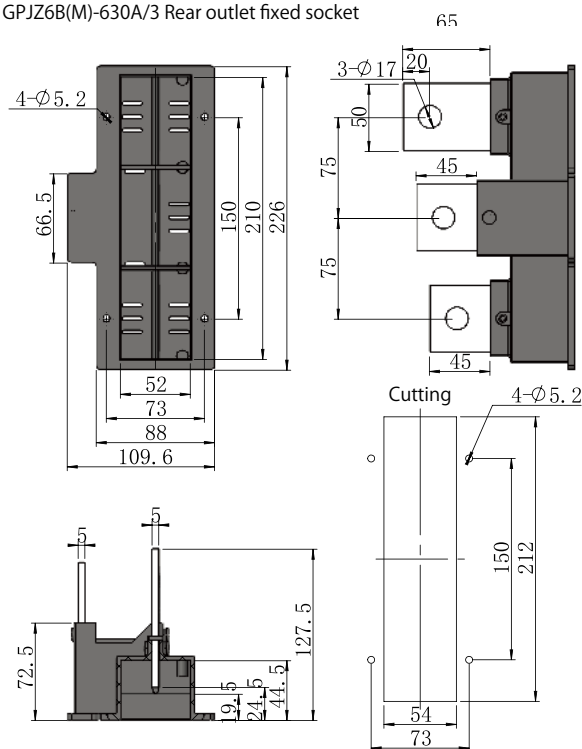
Suit for GPJZ5A(Z)-250A/3-DH movable plugin

GPJZ6B(M)-400A/3 Rear outlet fixed socket



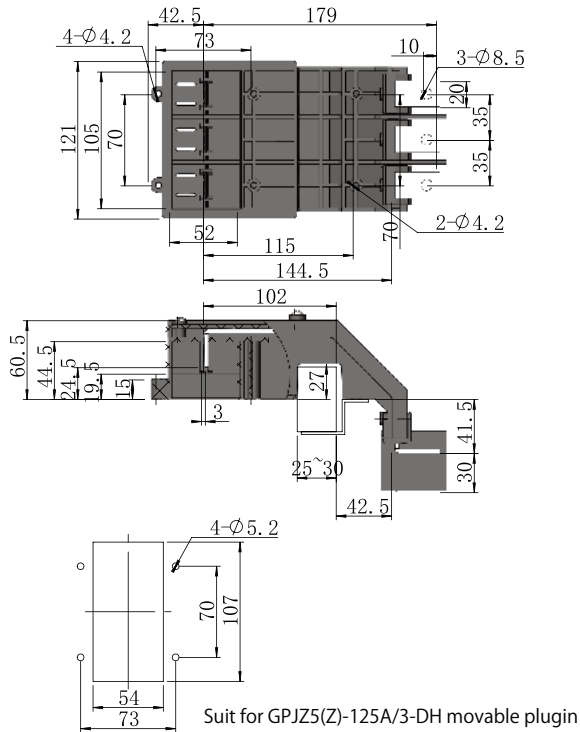
Suit for GPJZ5A(Z)-400A/3-DH movable plugin

GPJZ6B(M)-630A/3 Rear outlet fixed socket

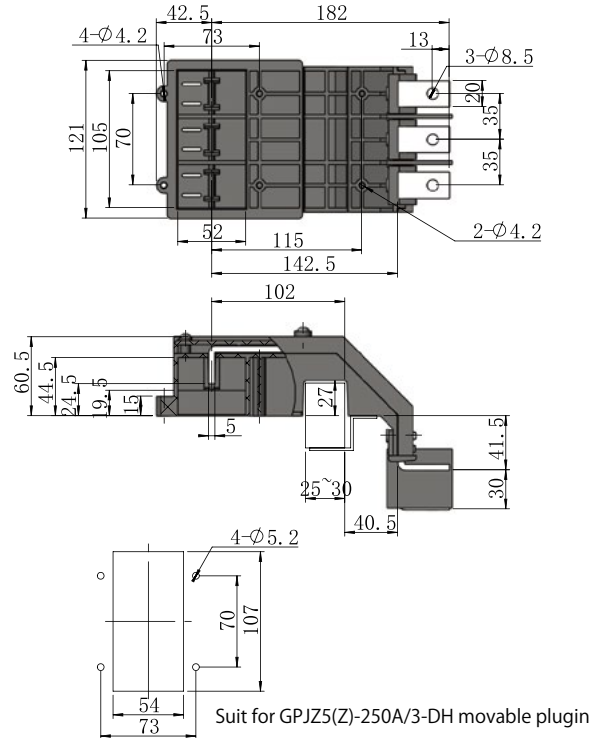


Suit for GPJZ5A(Z)-630A/3-DH movable plugin

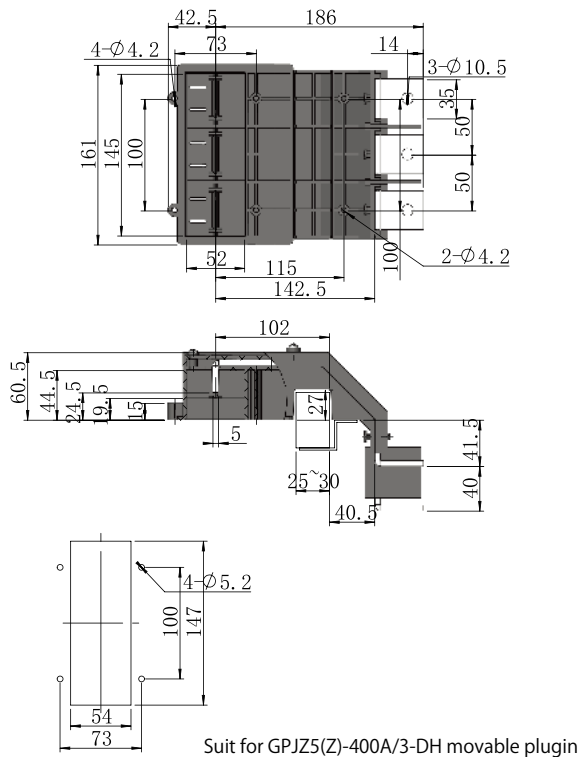
● GPJZ6B(Z)-125A/3 Side outlet fixed socket



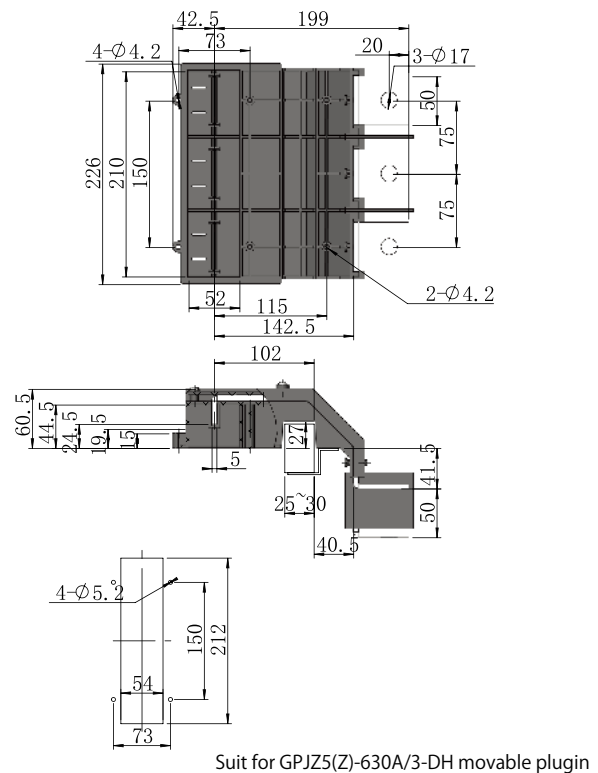
● GPJZ6B(Z)-250A/3 Side outlet fixed socket



● GPJZ6B(Z)-400A/3 Side outlet fixed socket



● GPJZ6B(Z)-630A/3 Side outlet fixed socket



- GPCF Series secondary plugin

Electrical performance parameters

1. Basic parameters

Rated working voltage: AC380V, DC220V

Rated operating frequency: 50HZ, 60HZ

Rated operating current: 10A

a) GPCF7.1: 28mm (screw connection)

b) GPCF7.3: 28mm (pin connection)

c) GPCF12B: 28mm (screw connection)

d) GPCF12C: 28mm (pin connection)

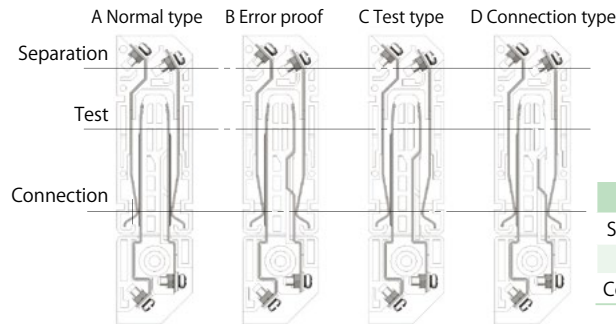
e) GPCF17: 28mm (pin connection)

3. Other performance parameters

Working withstand voltage: 2500V/1min; contact pressure

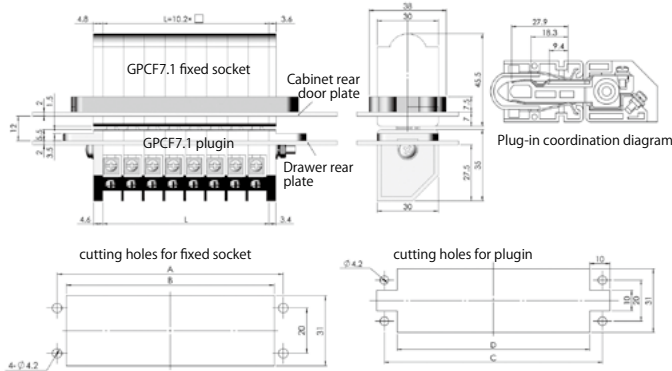
(primary contact point) is greater than or equal to 3N; insulation

material with high temperature resistance: 95 degrees



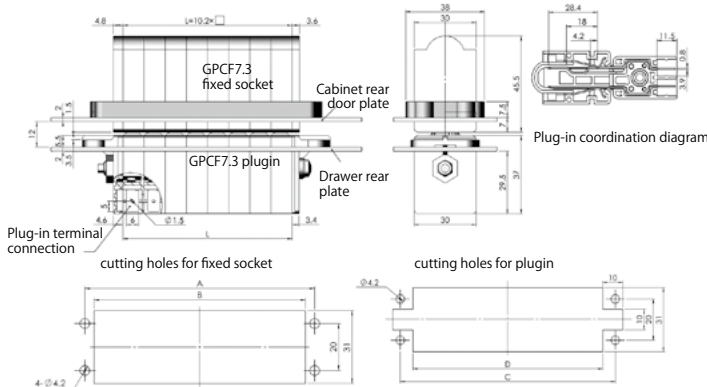
The on/off state of the auxiliary circuit connector conductive piece in three positions

- GPCF7.1 Secondary plugins



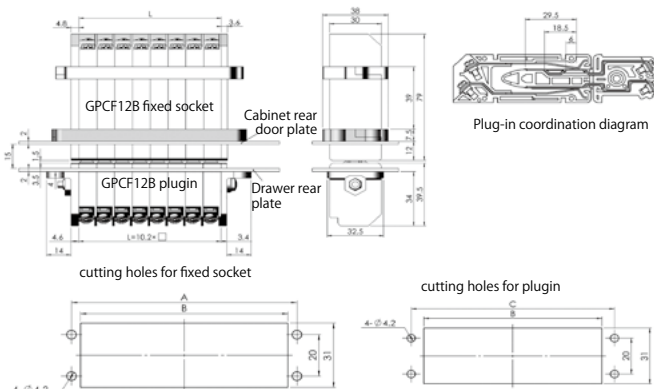
Model	L	A	B	C	D
GPCF7.1-10 lines	51	70	60	76	63.5
GPCF7.1-12 lines	61.2	80	71	86	74
GPCF7.1-16 lines	81.2	100	91	106.5	94
GPCF7.1-20 lines	102	120	112	127	114.5
GPCF7.1-24 lines	122.4	140	132	147.5	135
GPCF7.1-32 lines	163.2	183	173	188	176

- GPCF7.3 Secondary plugins



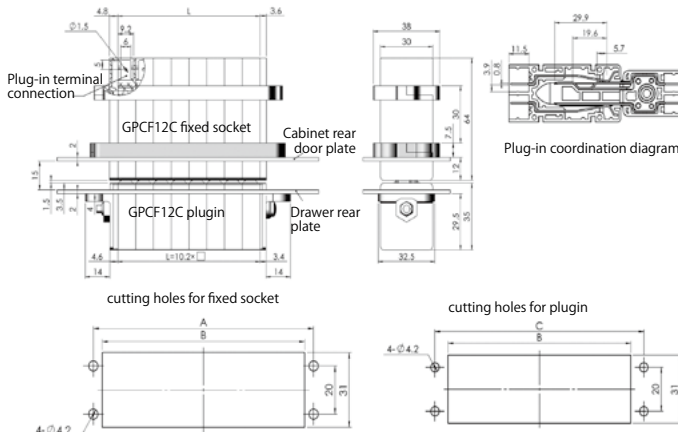
Model	L	A	B	C	D
GPCF7.3-10 lines	51	70	60	76	63.5
GPCF7.3-12 lines	61.2	80	71	86	74
GPCF7.3-16 lines	81.2	100	91	106.5	94
GPCF7.3-20 lines	102	120	112	127	114.5
GPCF7.3-24 lines	122.4	140	132	147.5	135
GPCF7.3-32 lines	163.2	183	173	188	176

- GPCF12B Secondary plugins



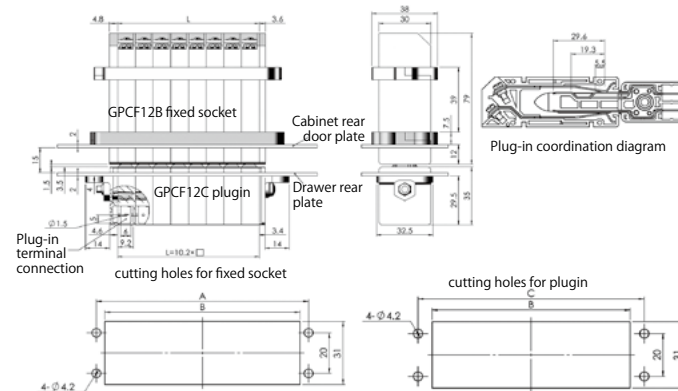
Model	L	A	B	C
GPCF12B-6 lines	30.6	50	40	53
GPCF12B-10 lines	51	70	60	74.5
GPCF12B-12 lines	61.2	80	71	84
GPCF12B-16 lines	81.2	100	91	104
GPCF12B-20 lines	102	120	112	125
GPCF12B-24 lines	122.4	140	132	146
GPCF12B-32 lines	163.2	183	173	187
GPCF12B-40 lines	204	223.5	214	227

● GPCF12C Secondary plugins



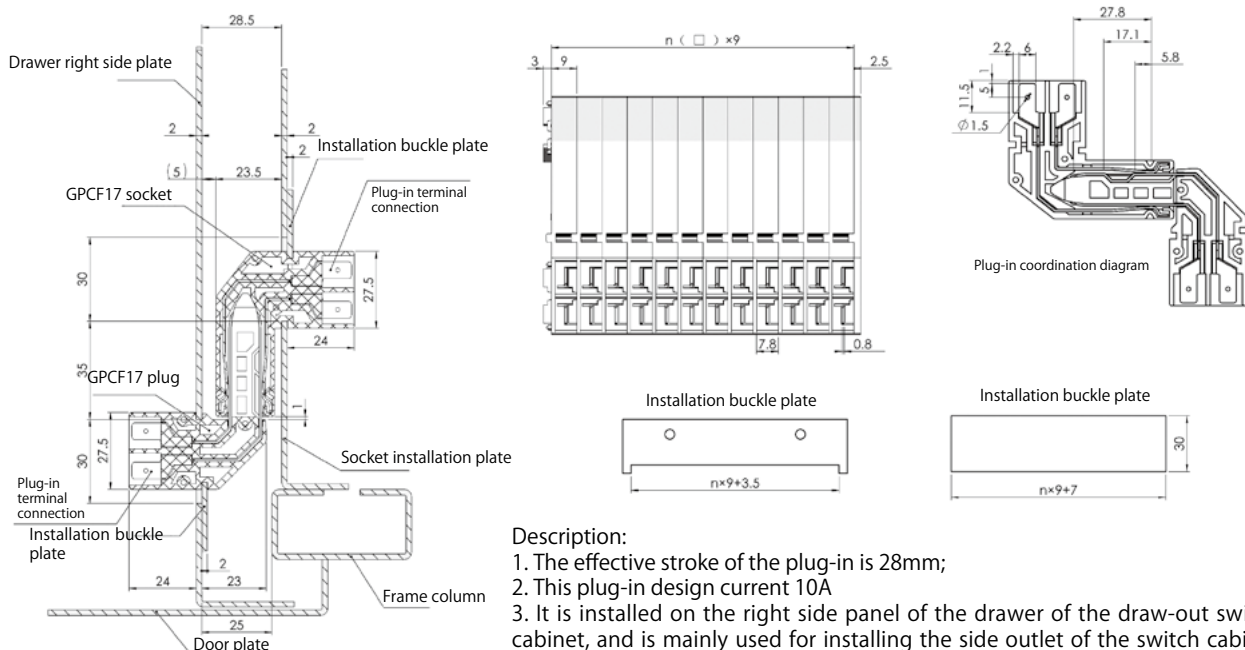
Model	L	A	B	C
GPCF12C-6 lines	30.6	50	40	53
GPCF12C-10 lines	51	70	60	74.5
GPCF12C-12 lines	61.2	80	71	84
GPCF12C-16 lines	81.2	100	91	104
GPCF12C-20 lines	102	120	112	125
GPCF12C-24 lines	122.4	140	132	146
GPCF12C-32 lines	163.2	183	173	187
GPCF12C-40 lines	204	223.5	214	227

● GPCF12C Secondary movable plug+GPCF12B secondary socket



Model	L	A	B	C
GPCF12C-6 lines plug GPCF12B-6 lines socket	30.6	50	40	53
GPCF12C-10 lines plug GPCF12B-10 lines socket	51	70	60	74.5
GPCF12C-12 lines plug GPCF12B-12 lines socket	61.2	80	71	84
GPCF12C-16 lines plug GPCF12B-16 lines socket	81.2	100	91	104
GPCF12C-20 lines plug GPCF12B-20 lines socket	102	120	112	125
GPCF12C-24 lines plug GPCF12B-24 lines socket	122.4	140	132	146
GPCF12C-32 lines plug GPCF12B-32 lines socket	163.2	183	173	187
GPCF12C-40 lines plug GPCF12B-40 lines socket	204	223.5	214	227

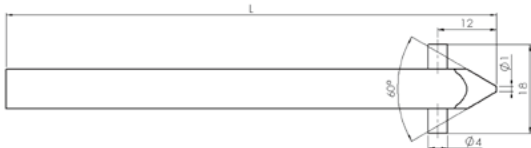
● GPCF17 Secondary plugins



Description:

1. The effective stroke of the plug-in is 28mm;
2. This plug-in design current 10A
3. It is installed on the right side panel of the drawer of the draw-out switch cabinet, and is mainly used for installing the side outlet of the switch cabinet against the wall.

Note: The square rod length should be explained when ordering. It is recommended that the user select the square rod specification in the above table or specify the length.



Square rods for K-2 and K-3: Regardless of which square rod is selected by the user, the user must process according to this figure to ensure flexible cooperation with the handle.

Type	Application range	Square rod	Open padlock	Close padlock	Switch abnormal trip indication	Emergency unlock
K-1	1/2, 1/4 Module	6x6x130 8x8x130	✓	✓	✓	×
K-2	CB under 250A	6x6x160 6x6x200 8x8x160 8x8x200	✓	✓	✓	✓
K-3	CB under 400-800A	10x10x160 10x10x200	✓	✓	✓	✓



GPL3-5
Fixed door



GPL3-6
Fixed door



GPL3-7
Withdrawable
door(Width 540)



GPL3-7
Withdrawable
door(Width 550)



GPL3-8
Fixed door

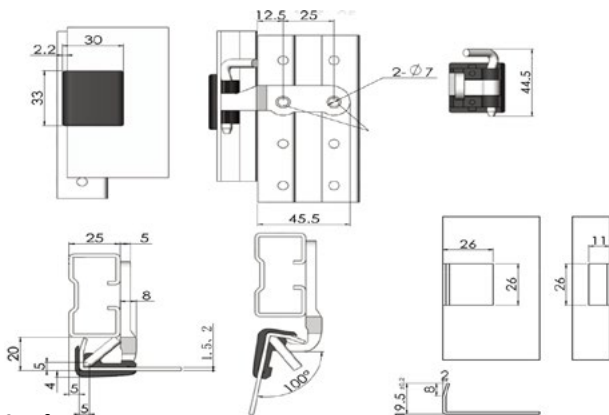


GPL3-9
Fixed door



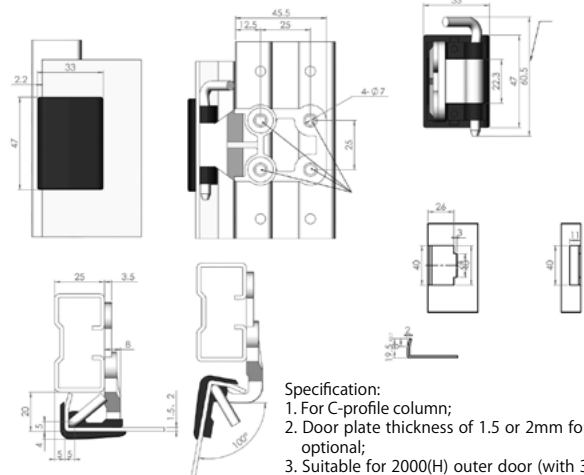
GPL3-10
Fixed door

● Hinges GPL3-5-1.5, GPL3-5-2.0 Installation dimension



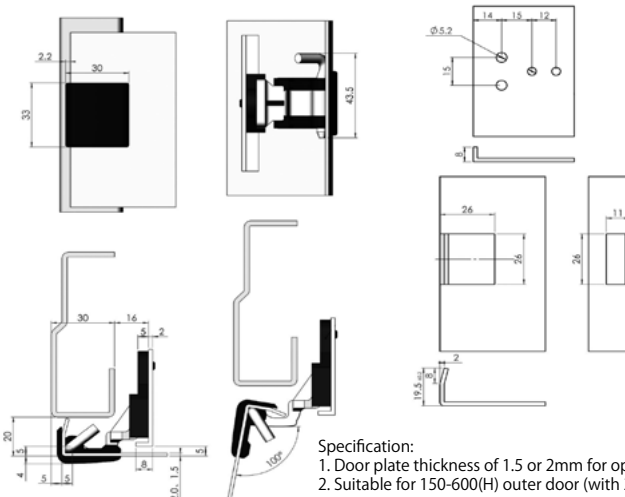
Specification:
1. For C-profile column;
2. Door plate thickness of 1.5 or 2mm steel plate, must be specified when ordering;
3. Suitable for 150-600(H) outer door (with 2 sets), for 600-2000(H) outer door (with 3-4 sets)

● Hinges GPL3-6-1.5, GPL3-6-2.0 Installation dimension



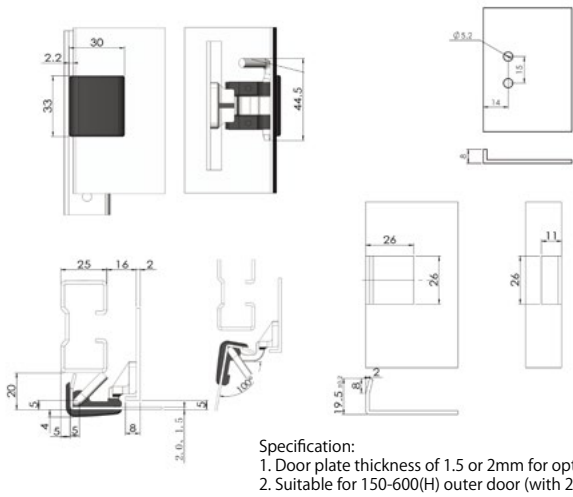
Specification:
1. For C-profile column;
2. Door plate thickness of 1.5 or 2mm for optional;
3. Suitable for 2000(H) outer door (with 3 sets).

● Hinges GPL3-7-540-1.5, GPL3-7-540-2.0 Installation dimension



Specification:
1. Door plate thickness of 1.5 or 2mm for optional;
2. Suitable for 150-600(H) outer door (with 2 sets)

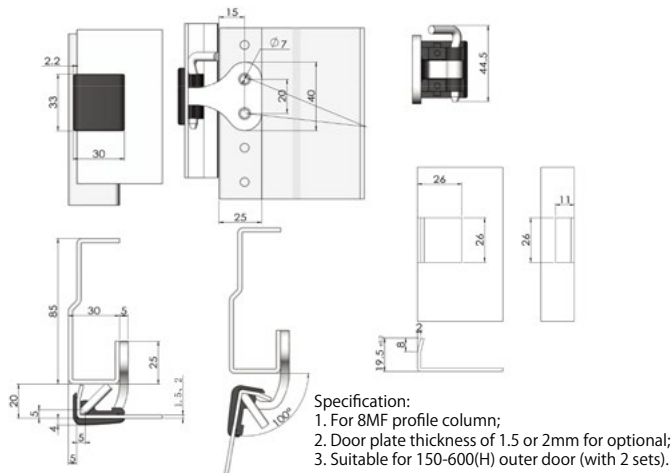
● Hinges GPL3-7-550-1.5, GPL3-7-550-2.0 Installation dimension



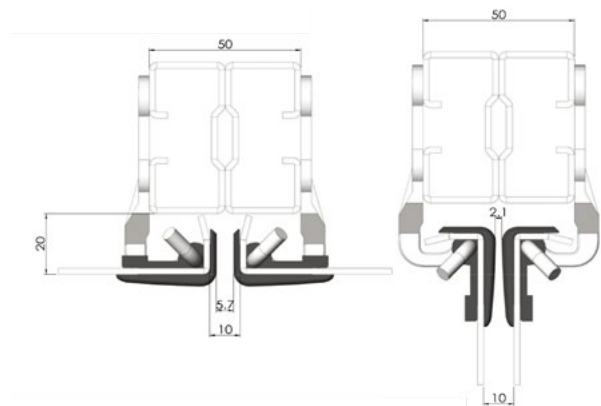
Specification:
1. Door plate thickness of 1.5 or 2mm for optional;
2. Suitable for 150-600(H) outer door (with 2 sets).

GPM2.1 Accessories

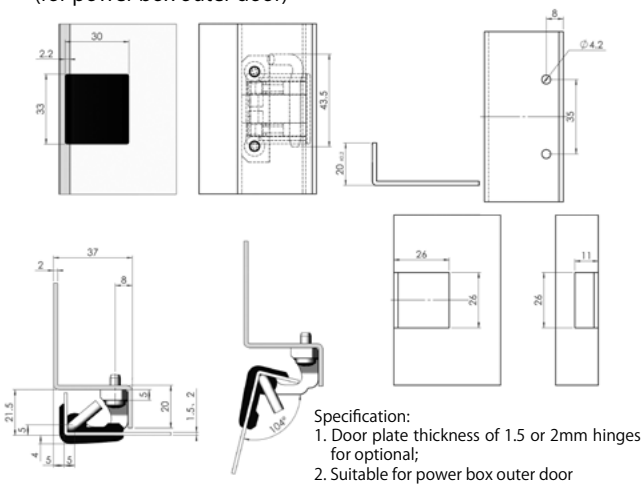
Hinges GPL3-8-1.5, GPL3-8-2.0 Installation dimension



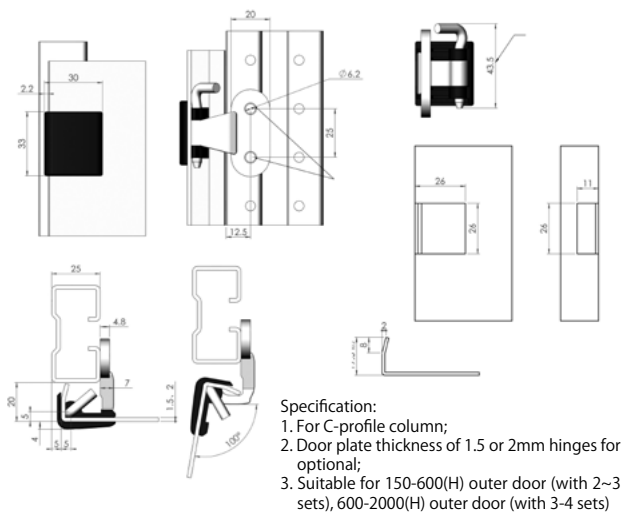
Schematic diagram of the left and right doors of the cabinet



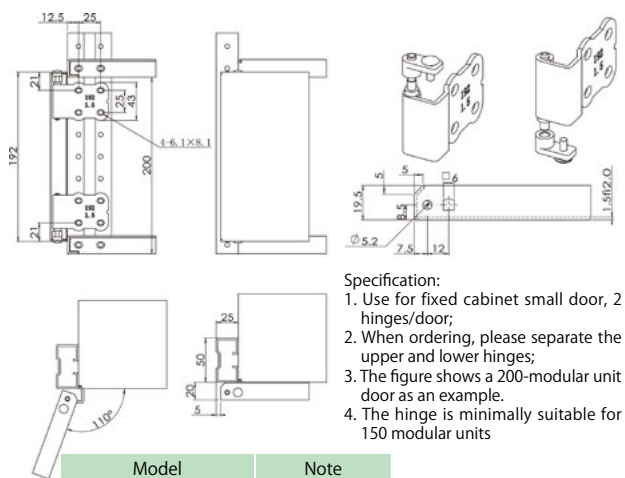
Hinges GPL3-9-1.5, GPL3-9-2.0 Installation dimension (for power box outer door)



Hinges GPL3-10-1.5, GPL3-10-2.0 Installation dimension

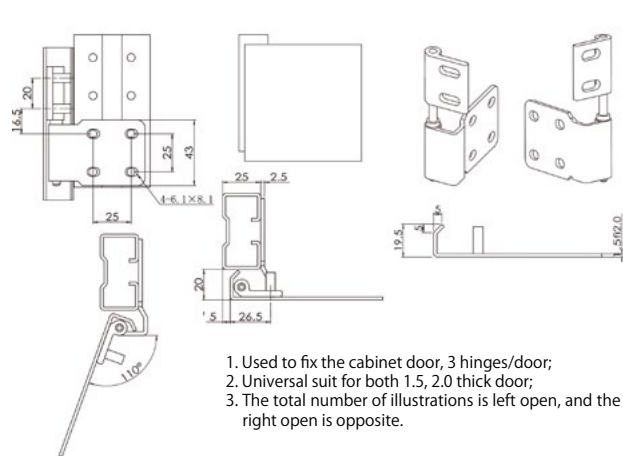


Hinges GPL4-1 Installation dimension



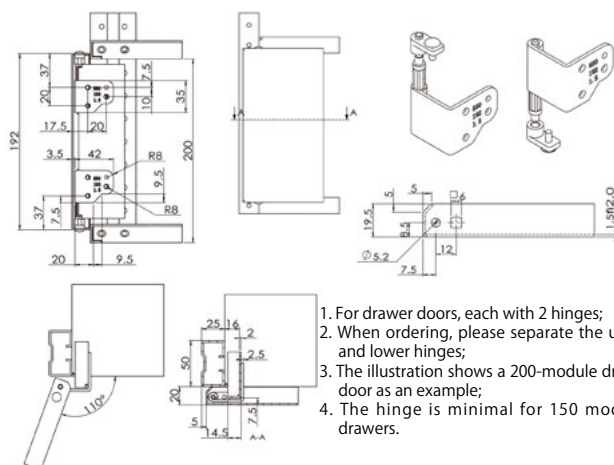
Model	Note
GPL4-1-192-1.5-U	For 1.5mm
GPL4-1-192-1.5-D	
GPL4-1-192-2.0-U	For 2.0mm
GPL4-1-192-2.0-D	

Hinges GPL4-2 Installation dimension



Model	Note
GPL4-2-L	For Left door
GPL4-2-R	For right door

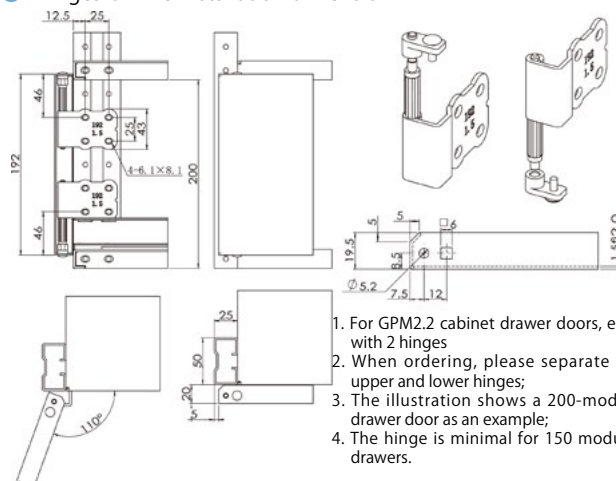
- Hinges GPL4-3-550 Installation dimension



1. For drawer doors, each with 2 hinges;
2. When ordering, please separate the upper and lower hinges;
3. The illustration shows a 200-module drawer door as an example;
4. The hinge is minimal for 150 modular drawers.

Model	Note
GPL4-3-550-192-1.5-U	For 1.5mm
GPL4-3-550-192-1.5-D	
GPL4-3-550-192-2.0-U	For 2.0mm
GPL4-3-550-192-2.0-D	

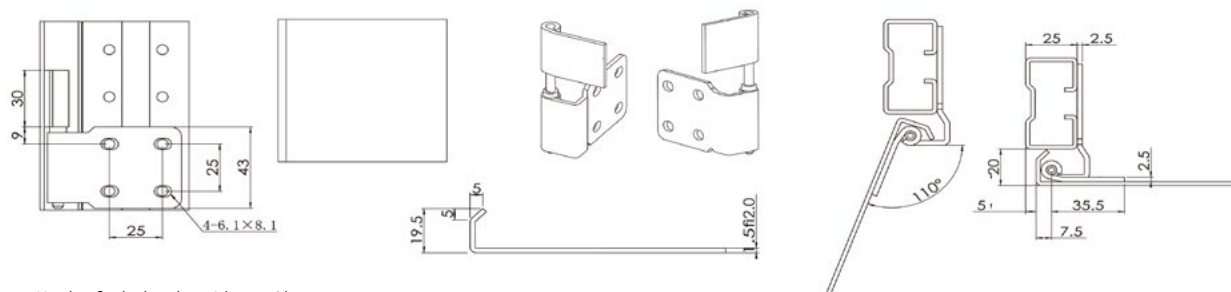
- Hinges GPL4-5 Installation dimension



1. For GPM2.2 cabinet drawer doors, each with 2 hinges
2. When ordering, please separate the upper and lower hinges;
3. The illustration shows a 200-module drawer door as an example;
4. The hinge is minimal for 150 modular drawers.

Model	Note
GPL4-5-192-1.5-U	For 1.5mm
GPL4-5-192-1.5-D	
GPL4-5-192-2.0-U	For 2.0mm
GPL4-5-192-2.0-D	

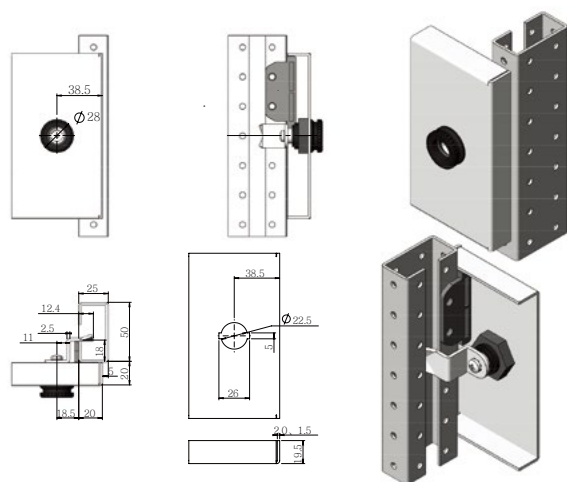
- Hinges GPL4-6 Installation dimension



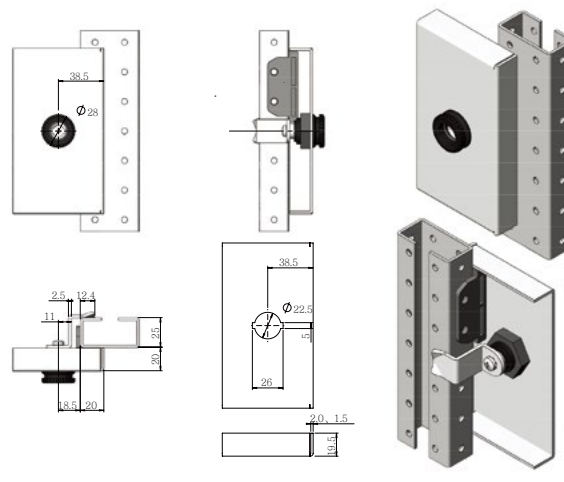
1. Used to fix the big door, 3 hinges/door;
2. The hinge 1.5, 2.0 rear door panel is universal
3. The main assembly is the left door, and the right door is opposite.

Model	Note
GPL4-6-L	For Left door
GPL4-6-R	For right door

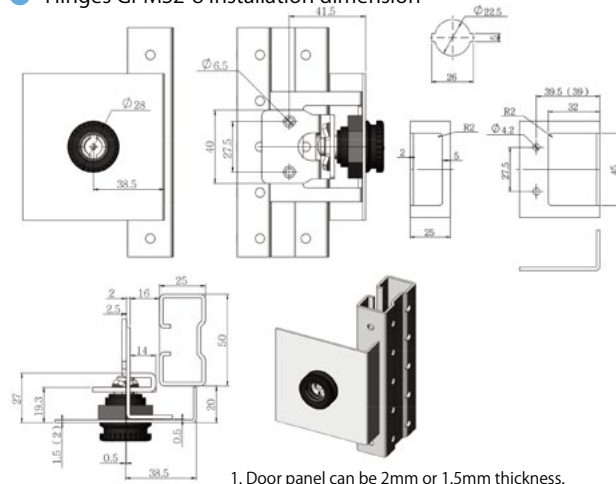
- Hinges GPMS2-5 Installation dimension



- Hinges GPMS2-6 Installation dimension

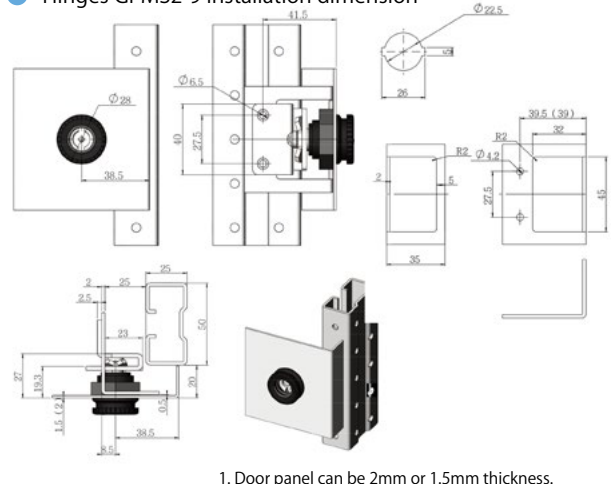


- Hinges GPMS2-8 Installation dimension



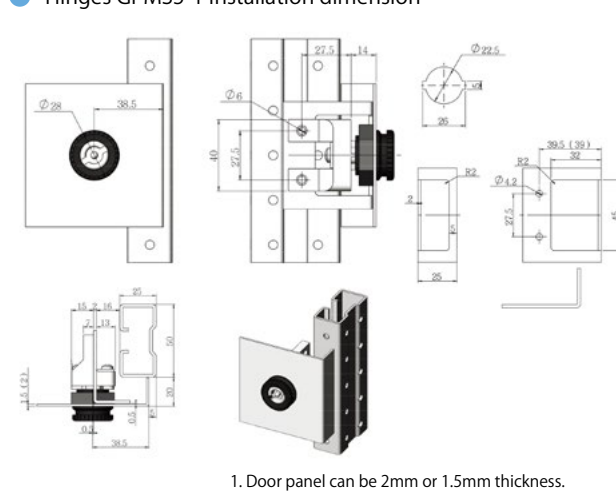
1. Door panel can be 2mm or 1.5mm thickness.

- Hinges GPMS2-9 Installation dimension



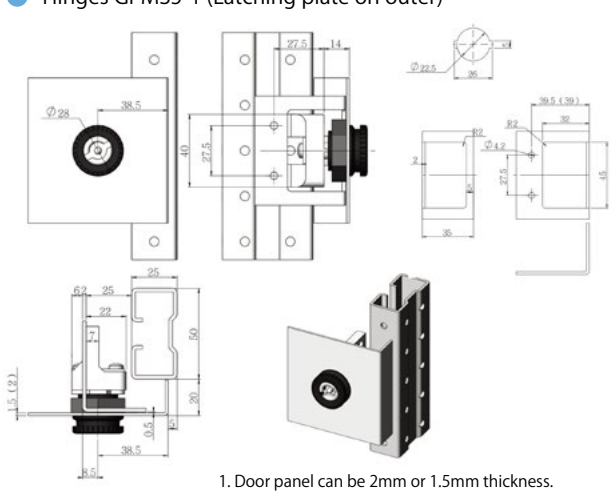
1. Door panel can be 2mm or 1.5mm thickness.

- Hinges GPMS5-1 Installation dimension



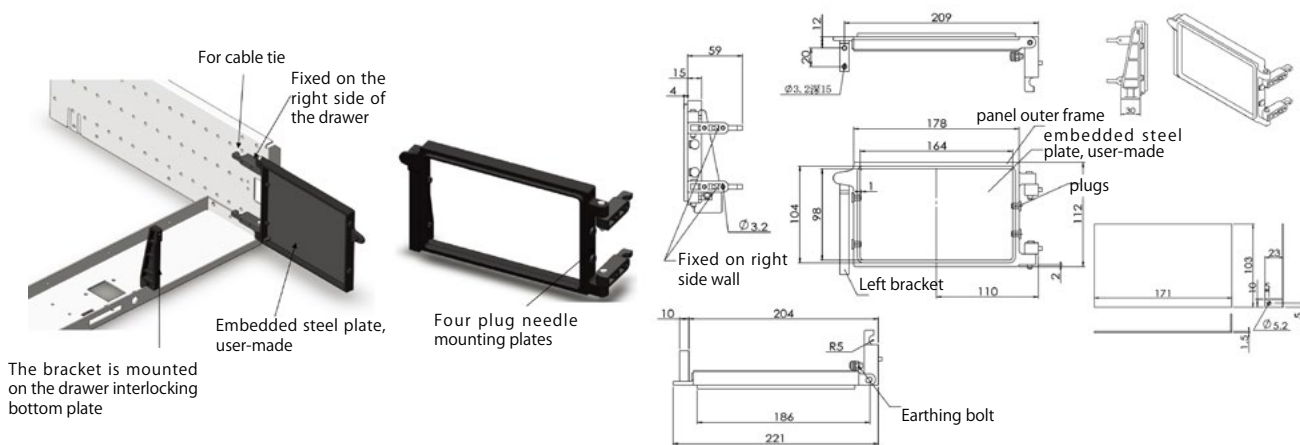
1. Door panel can be 2mm or 1.5mm thickness.

- Hinges GPMS5-1 (Latching plate on outer)

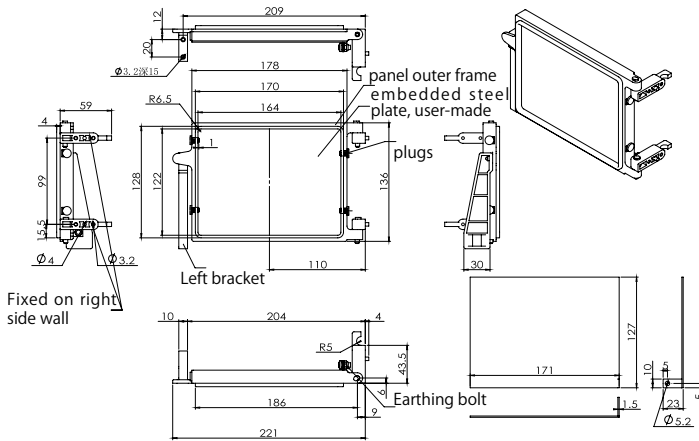


1. Door panel can be 2mm or 1.5mm thickness.

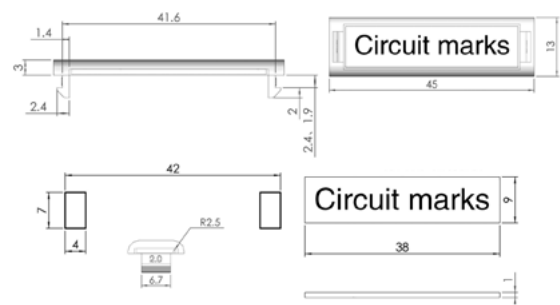
- GPKY-164x98 panel plate assembly



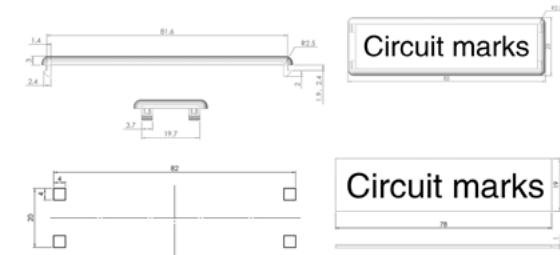
● GPKY-164x122 panel plate assembly



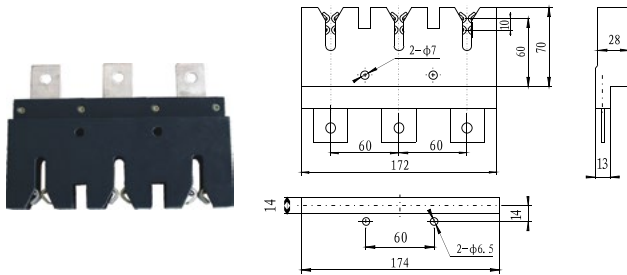
● Circuit marks for 1/2, 1/4 modules 45x13



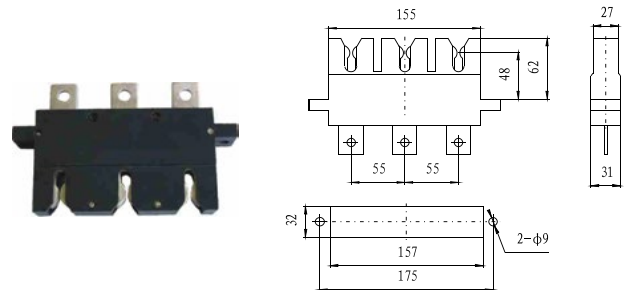
● Circuit marks for unit modules 85x25



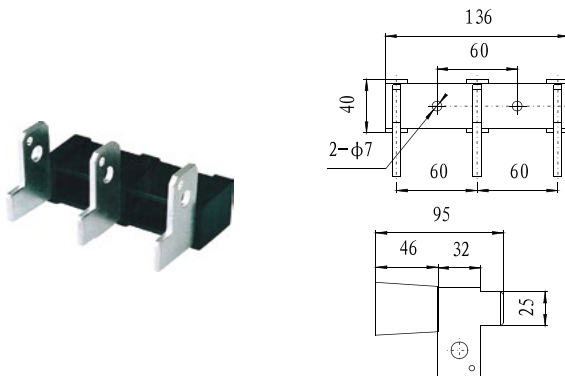
● GPZC1-A-160A/250A/400A Primary plugin



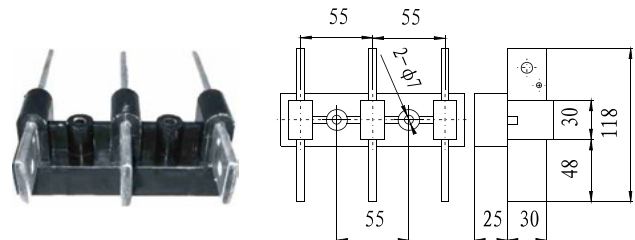
● GPZC1-B-160A/250A/400A Primary plugin



● GPZT1-A-160A/250A/400A Primary plugin

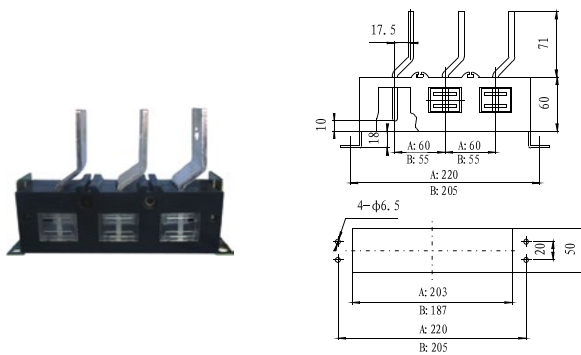


● GPZT1-B-160A/250A/400A Primary plugin

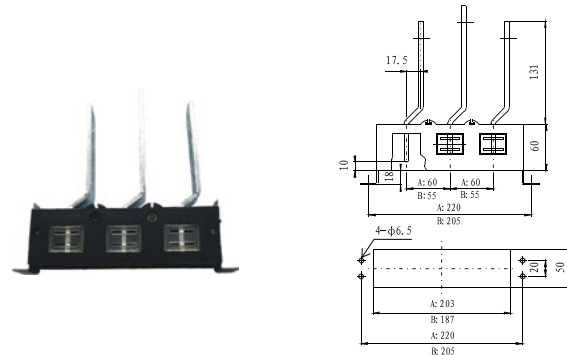


Primary plugin

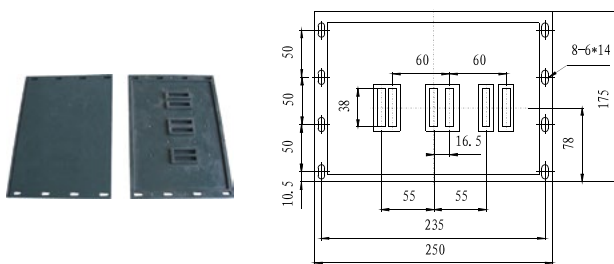
● GPT2-A1/B1 160A~630A Medium long primary plugin



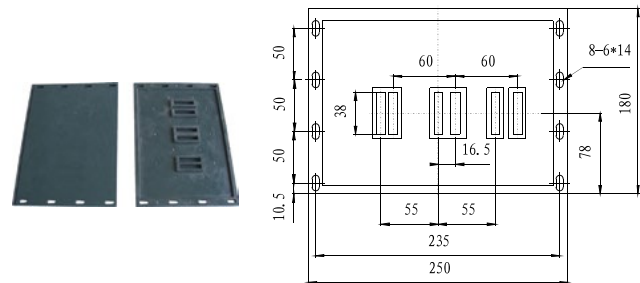
● GPT2-A2/B2 160A~630A Special long primary plugin



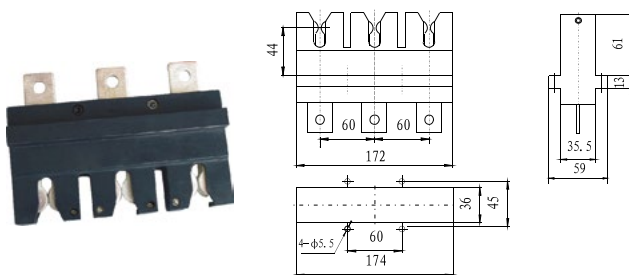
● 175 sealing plate for MCS cabinet (GP-MCS-175)



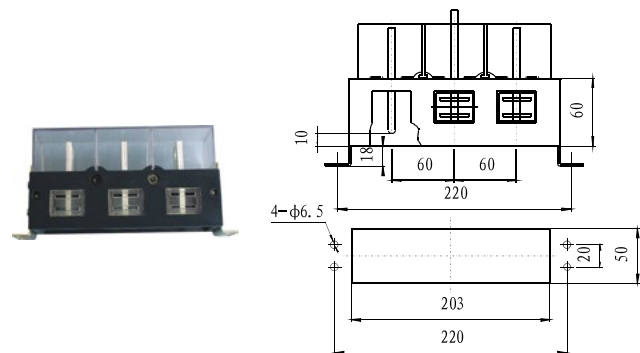
● 180 sealing plate for MCS cabinet (GP-MCS-180)



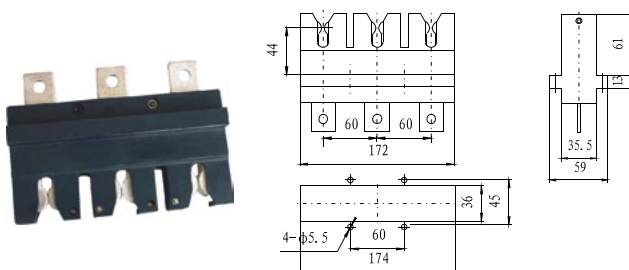
● GPZC3-A-160A/250A/400A Primary plugin



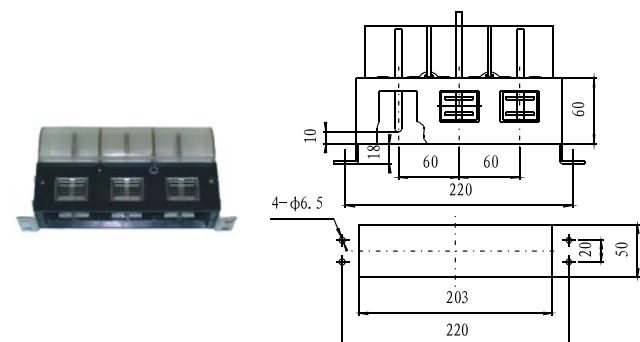
● GPZT2-A-160A/250A Primary plugin



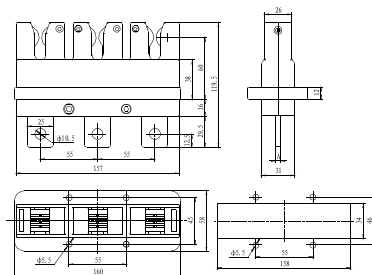
● GPZC3-A-630A Primary plugin



● GPZT2-A-400A/630A Primary plugin

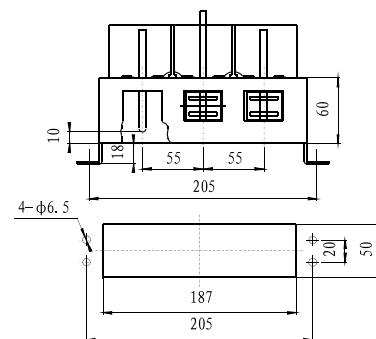


● GPZC3-B-160A/250A/400A Primary plugin

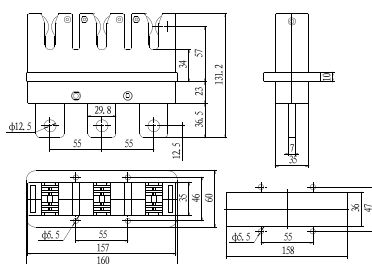


Model	A
GPZC3-B-160A	2
GPZC3-B-250A	3
GPZC3-B-400A	4

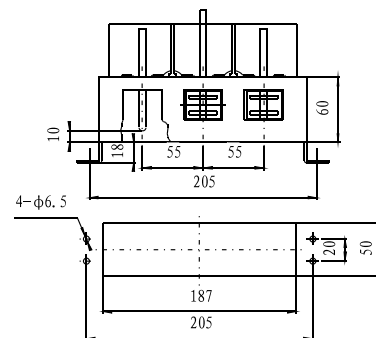
● GPZT2-B-160A/250A Primary plugin



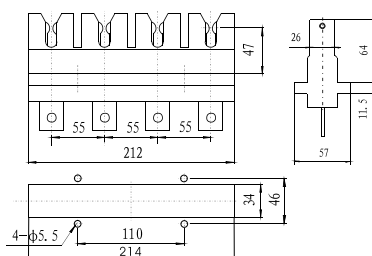
● GPZC3-B-630A Primary plugin



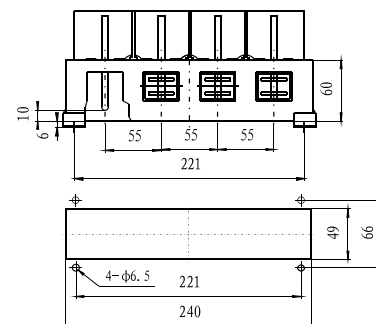
● GPZT2-B-400A/630A Primary plugin



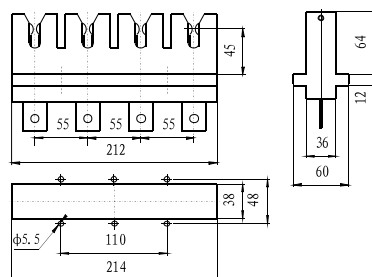
● GPZC3-B-160A/250A/400A/4P Primary plugin



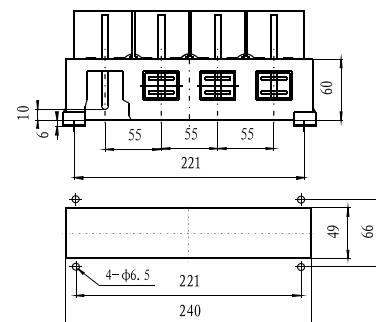
● GPZT4-B-160A/250A/4P Primary plugin



● GPZC3-B-630A/4P Primary plugin

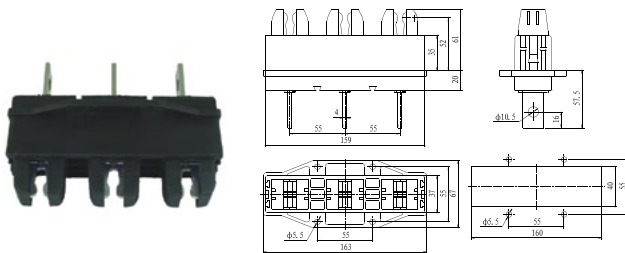


● GPZT4-B-400A/630A/4P Primary plugin

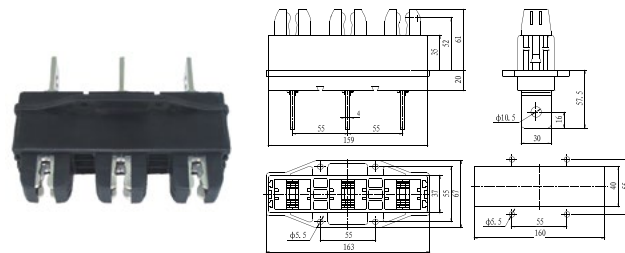


Primary plugin

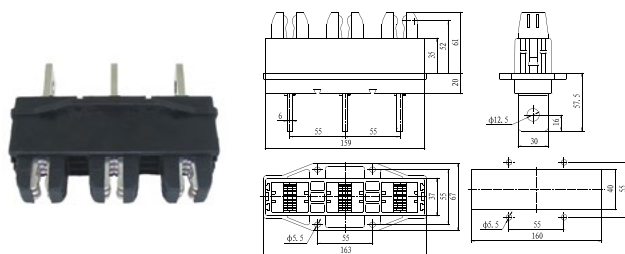
● GPJZ5-125A/3P Primary plugin



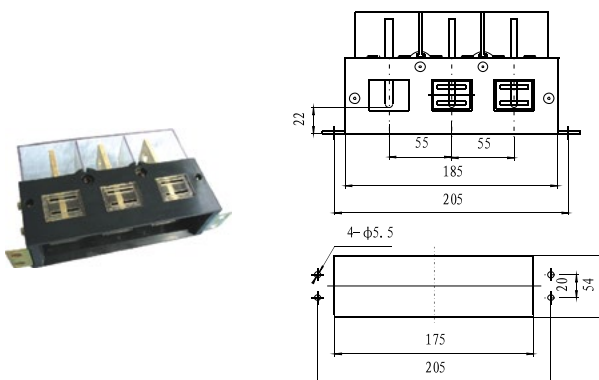
● GPJZ5-250A/3P Primary plugin



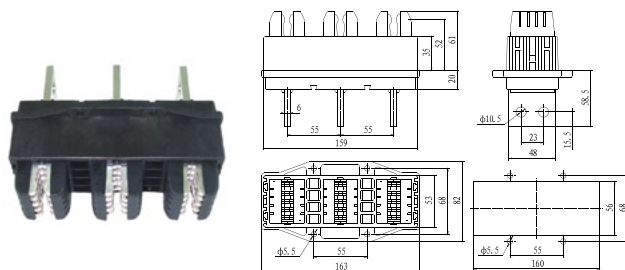
● GPJZ5-400A/3P Primary plugin



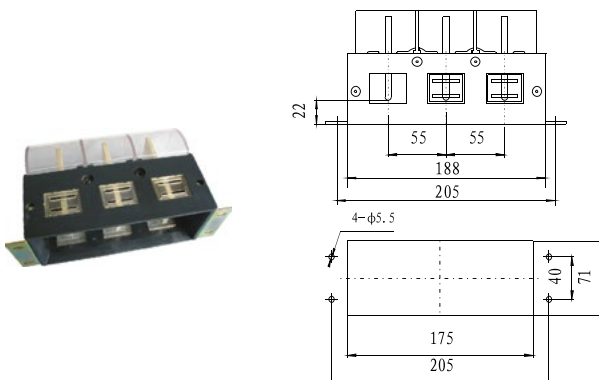
● GPT5-250A/400A/3P Primary plugin



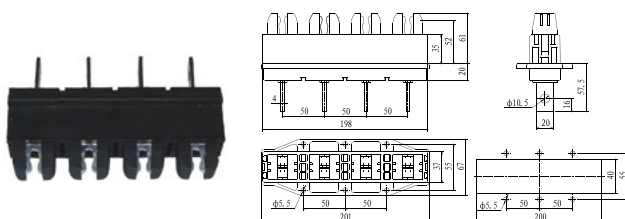
● GPJZ5-630A/3P Primary plugin



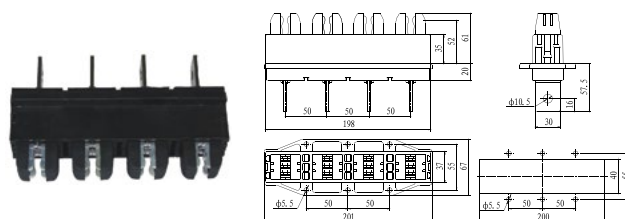
● GPT5-630A/3P Primary plugin



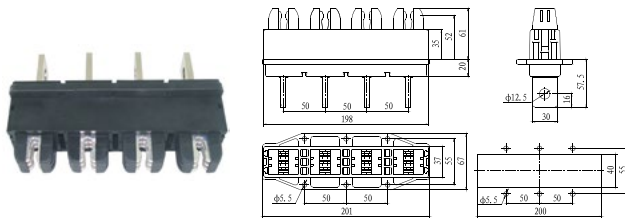
● GPJZ5-125A/4P Primary plugin



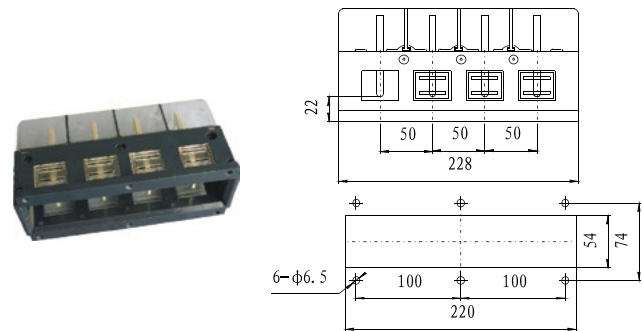
● GPJZ5-250A/4P Primary plugin



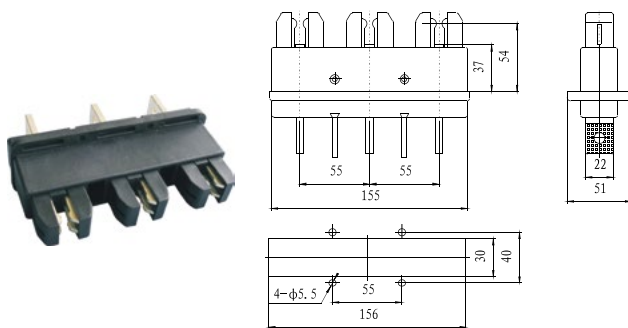
● GPJZ5-400A/4P Primary plugin



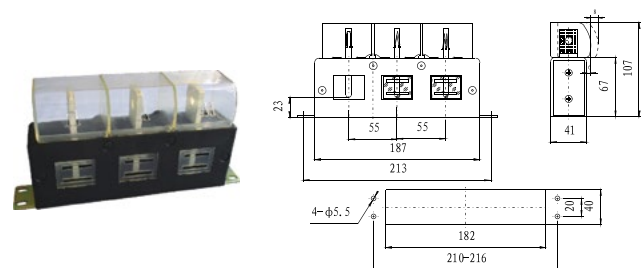
● GPT5-125A-400A/4P Primary plugin



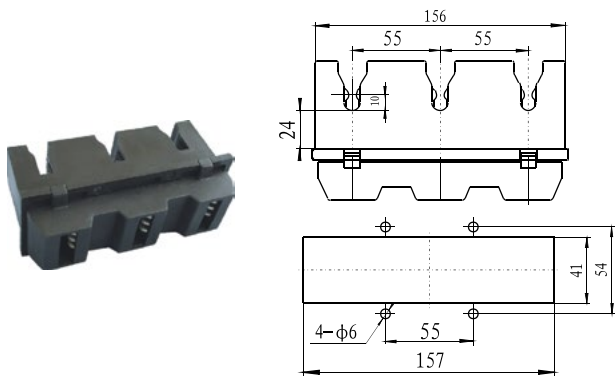
● GPJZ5-2-250A/3P Primary plugin



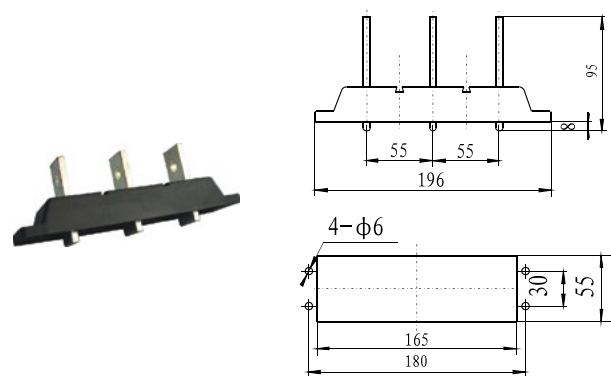
● GPT5-2-250A/3P Primary plugin



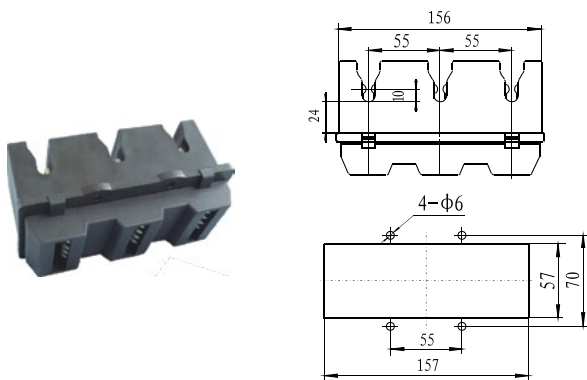
● GPJZ3S-250A-400A/3P Primary plugin



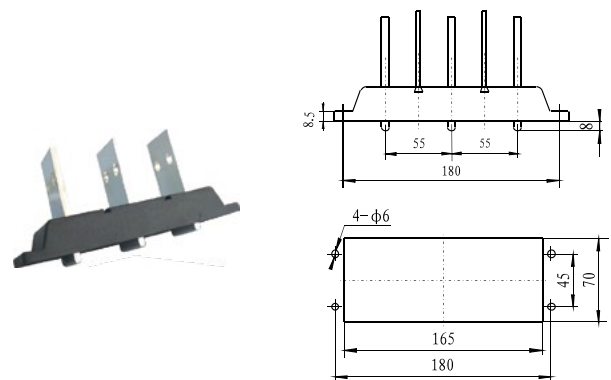
● GPJZ3A-250A-400A/3P Primary plugin



● GPJZ3S-630A/3P Primary plugin

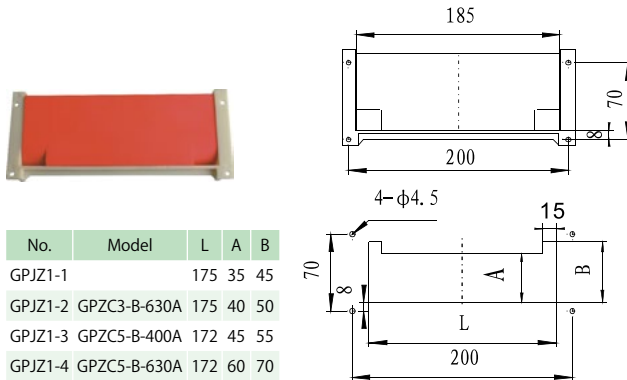


● GPJZ3A-630A/3P Primary plugin

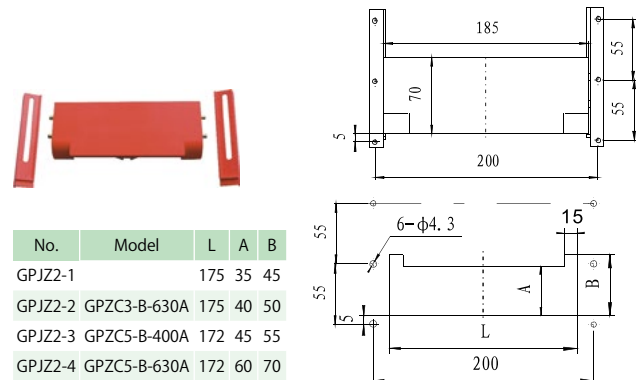


Primary plugin

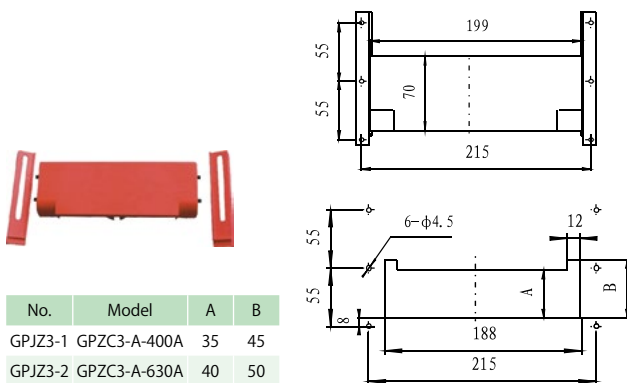
GPJZ1 Shutter assembly



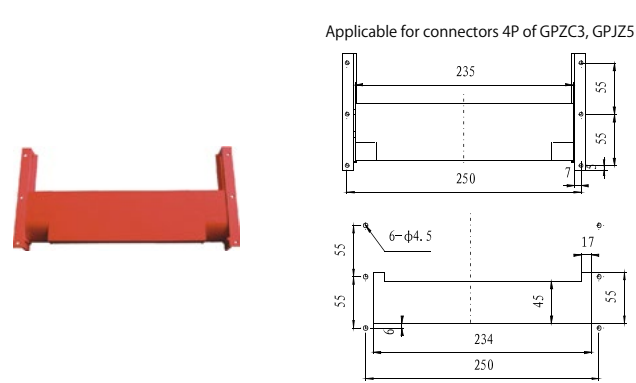
GPJZ2 Shutter assembly



GPJZ3 Shutter assembly



GPJZ4 Shutter assembly



GPZC5, GPJZ, GPZT5 Series connectors

This series connector is another new designed and development of connector by our own, it has the following advantages:

- GPJZ Bus holder(Clamp) shield can replace the traditional shutter with protection class IP20, Between phases are setting insulating spacer to prevent arcing with safe and reliable; unified opening module, insert installation in front of the cabinet, eliminating the trouble of the replacement for field upgrade, using conspicuous warning red flame retardant nylon 66 which has good heat resistance. Inside designed with a guide hole to facilitate accurate GPZC5 moving plug inserted behind the integration of vertical bus holder, complete specifications to applicable for various vertical bus size, seven models of 6x30,40,50,60,80,100,120 are built-mounting steel M8 nut to ensure the stability of holding the bus.
- GPZC5 moving plug divide into 125A, 160A, 250A, 400A, 630A five models, all specifications openings same holes to facilitate the housing stock as well as complete sets of factory production and field upgrades; its conductive portion of the finger contact and terminal head adopts GPZC3 original structure, its reliability and stability after ten years of market-proven. 160A upper are used for four straight piece contacts with a large contact area and more the contact points, safe and reliable; plug housing on both sides is provided semi-circular guide rod, with a chamfer in the entry site, ancillary GPJZ and GPZC5 set corresponding semicircular guide hole, in the case of deviation of the drawer, it can easily lead positive, tolerance 2mm. Movable plug has leaving a gap of 6mm which can match with GPZC5 phase spacer, to effectively increase the insulation to prevent internal fault arcing caused by short circuit between phases while expansion of the accident.
- Main technical parameters

Rated working voltage: 660V

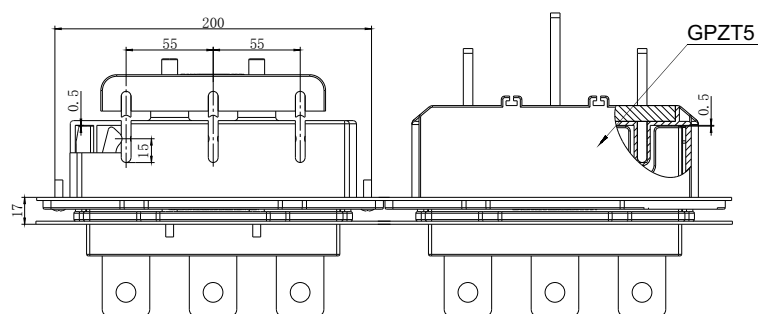
Rated working current: 125A, 160A, 250A, 400A, 630A Rated insulation voltage: 1000V

Power frequency withstand voltage: 3500V

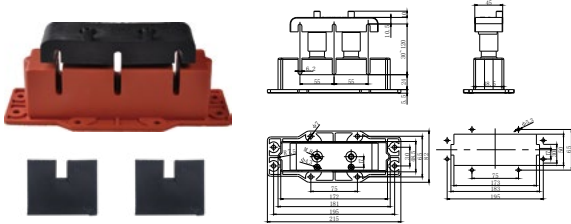
Allowed working temperature: 125 °C

Vertical Bus apart: 55mm

Vertical busbar thickness: 6mm



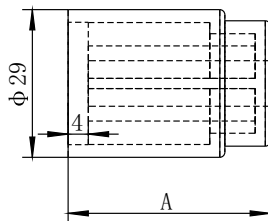
● GPJZ-6x30~120 (30,40,50,60,80,100,120)



● GPJZ-6x30-120s Support column



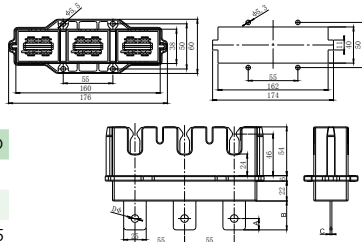
Busbar size	A
6x60	20
6x80	40
6x100	60
6x120	80



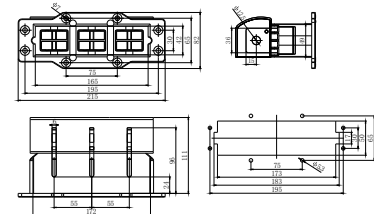
Model	bus cover	Height(A)				M8 hex bolt					Washer	Spring Washer	Block height		
		20	40	60	80	20	25	35	45	75	95			23.7	13.7
GPJZ-6x30	X1					X2						X2	X2	X2	
GPJZ-6x40	X1					X2						X2	X2		X2
GPJZ-6x50	X1					X2						X2	X2		
GPJZ-6x60	X1	X2					X2					X2	X2		
GPJZ-6x80	X1		X2					X2				X2	X2		
GPJZ-6x100	X1			X2					X2			X2	X2		
GPJZ-6x120	X1				X2					X2		X2	X2		

● GPZC5-B-125A/160A/250A/400A/630A

● GPZT5-B-125~160A/250A/400A/630A

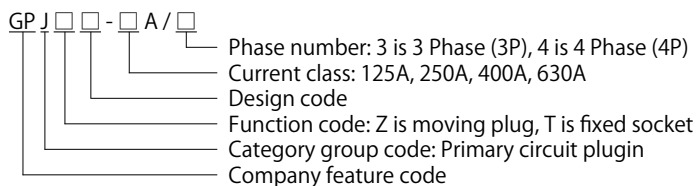


Current class	A	B	C	D Φ
125A	12.5	32	1.5	8.5
160A	12.5	32	2	8.5
250A	12.5	32	3	10.5
400A	12.5	32	5	10.5
630A	15	38	7	12.5



● GPJZ6, GPJT1, GPJZ2, GPJT2 New type main primary plugin

1. Model and its meaning



2. The main technical parameters

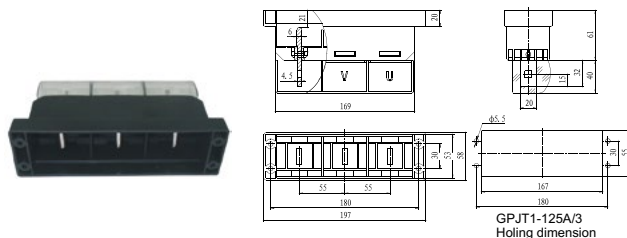
Rated voltage : AC 690V
 Rated current : 125A, 250A, 400A, 630A
 Rated insulation voltage : 1000V
 Power frequency withstand voltage : 3500V
 Permissible operating temperature : 125°C
 Vertical bus phase distance : 55mm
 Vertical busbar thickness : 6mm

3. Structural feature and application

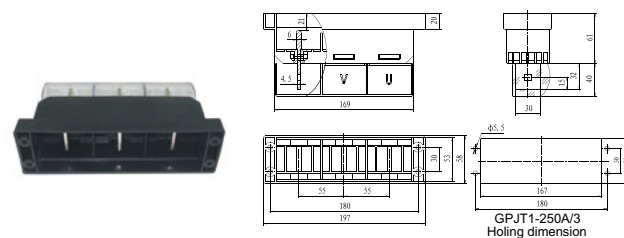
GPJZ6 and GPJZ2 Series main circuit moving plug is proprietary products designed and developed based on market high-performance requirements of the connectors. It has long contact, large cooling area, pressure spring with temperature compensation, low contact resistance, low temperature rise, attractive appearance and other characteristics. GPJZ6 and GPJZ2 Series main circuit connector can be widely used in low-voltage withdrawable switchgear and control equipment, such as GPM3, GCL, GPM4.1, BFC, GPM1 economic type, GPM4 economic type, etc.

M

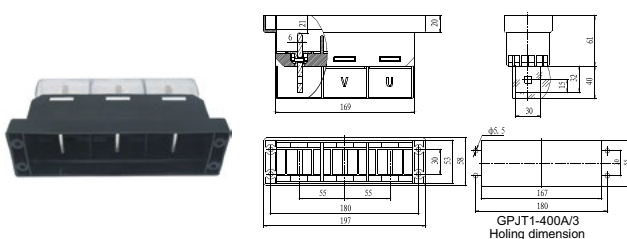
GPJT1-125A/3P Primary plugin



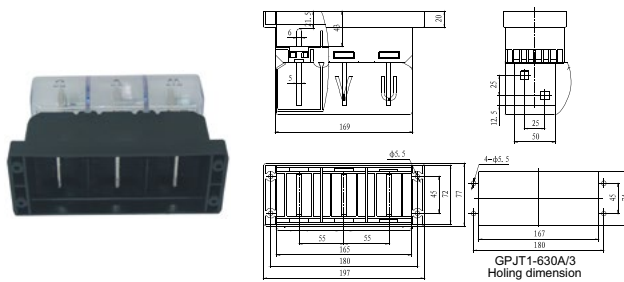
GPJT1-250A/3P Primary plugin



GPJT1-400A/3P Primary plugin



GPJT1-630A/3P Primary plugin

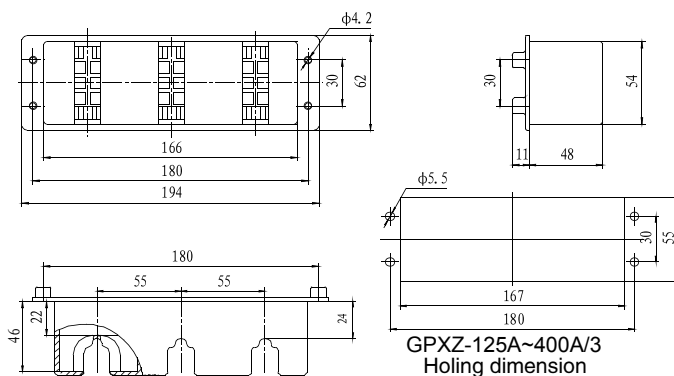


GPXZ-125~400A/3P Incoming shield

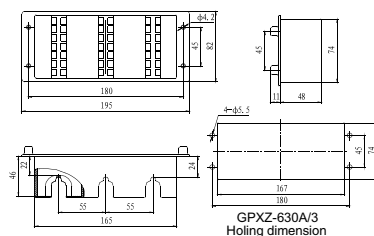


GPXZ Features:
Charged with red warning bus
Protection class IP2X.
Distance from the bus to the rear partition 22mm.
Interphase has insulating gap, effectively prevent the expansion of internal faults.
Assembly by ST4.8X9.5 self-tapping screws to prevent loosening during transport.

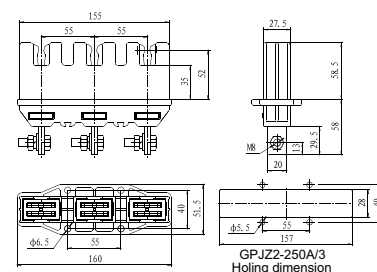
GPXZ-160/3 Applicable for
GPJZ2-160-250A



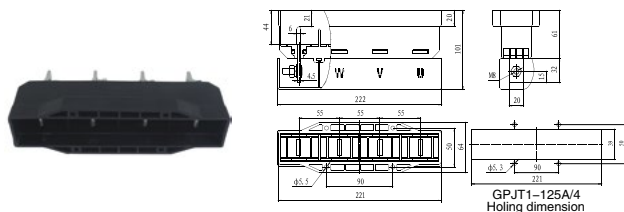
GPXZ-630A/3P Incoming shield



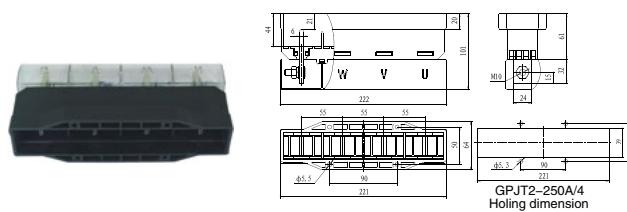
GPJZ2-250A/3P Primary plugin



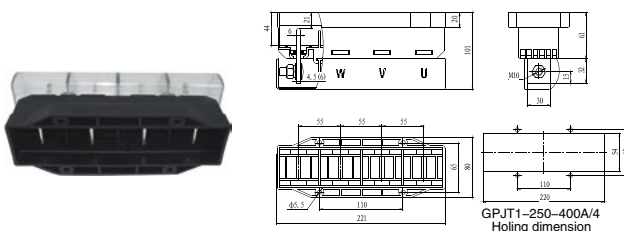
● GPJT1-125A/4P Primary plugin



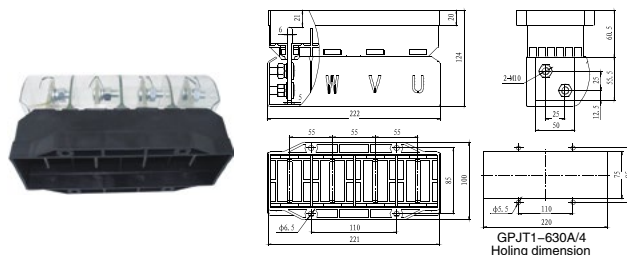
● GPJT2-250A/4P Primary plugin



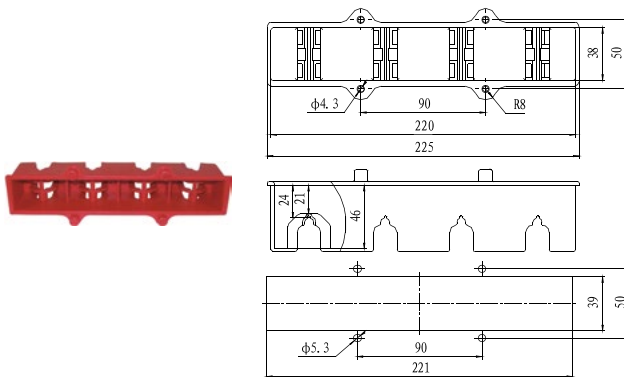
● GPJT1-250/4P,400A/4P Primary plugin



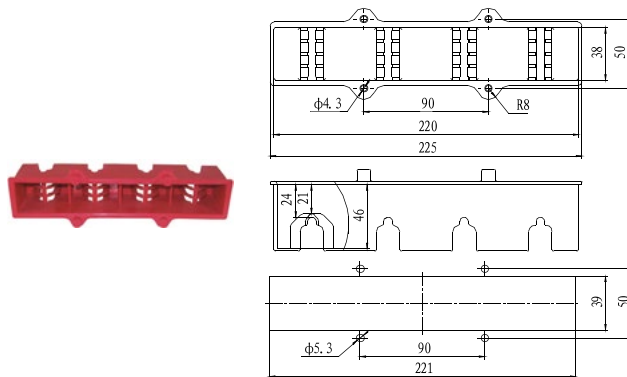
● GPJT1-630A/4P Primary plugin



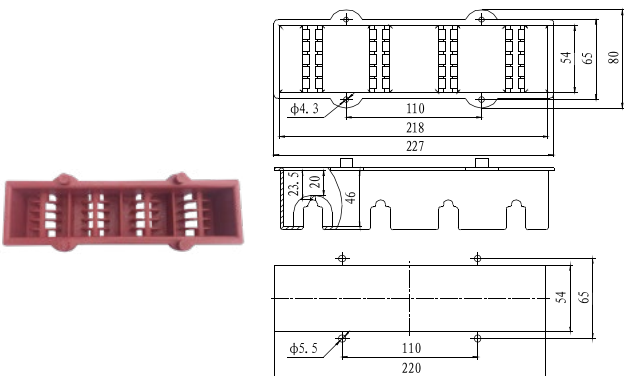
● GPXZ-125A/4P Incoming shield



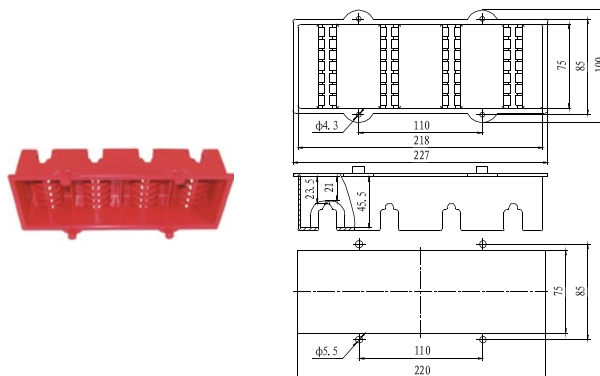
● GPXZ-2-250A/4P Incoming shield



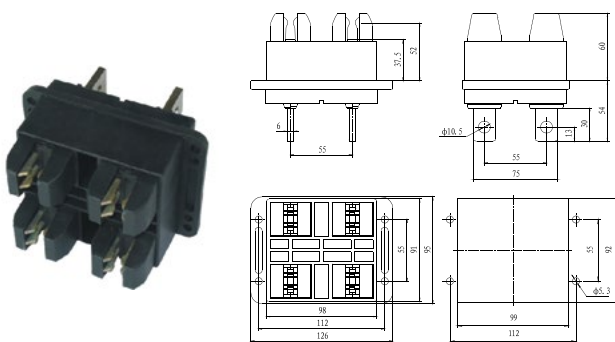
● GPXZ-250A-400A/4P Incoming shield



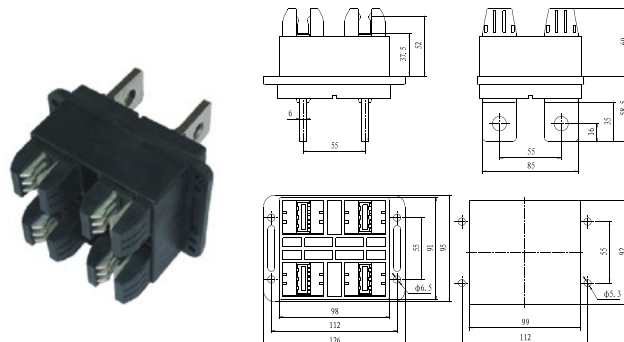
● GPXZ-630A/4P Incoming shield



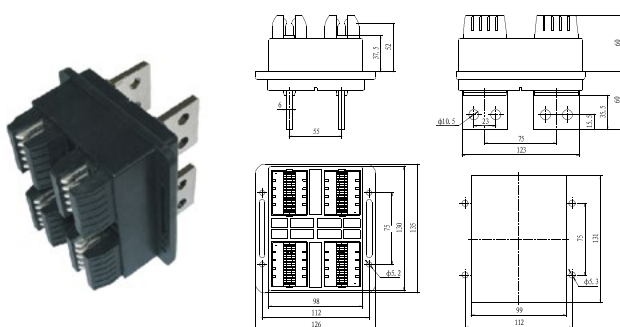
● GPJZ8-250A/4P Primary plugin



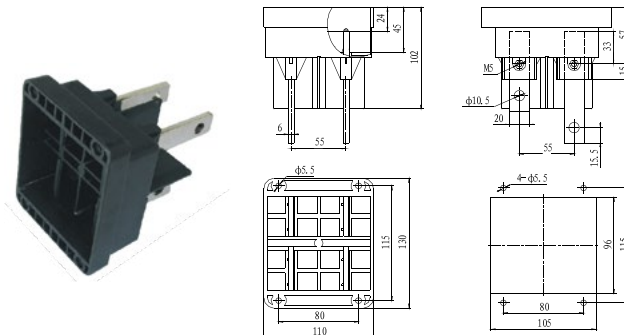
● GPJZ8-400A/4P Primary plugin



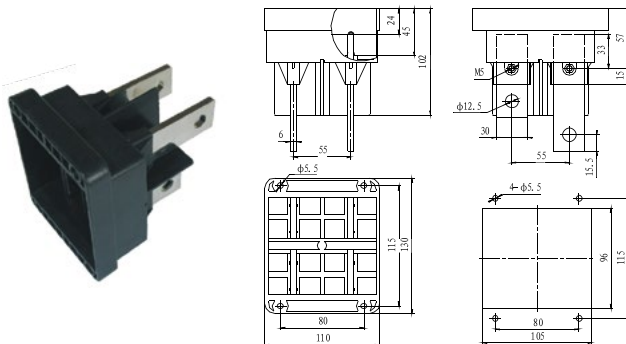
● GPJZ8-630A/4P Primary plugin



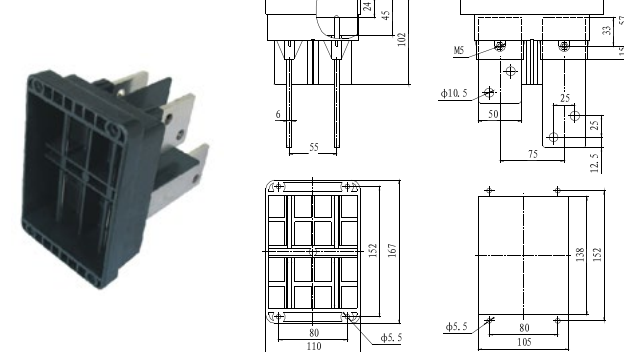
● GPJT8-250A/4P Primary socket



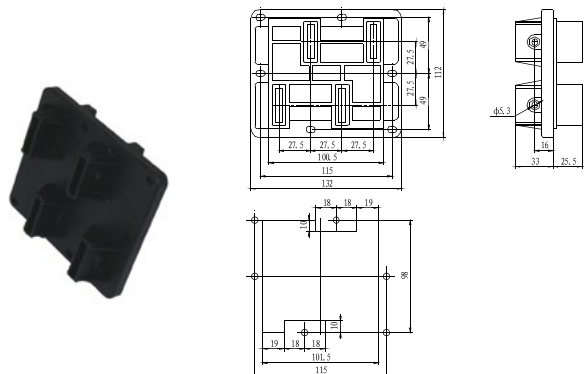
● GPJT8-400A/4P Primary socket



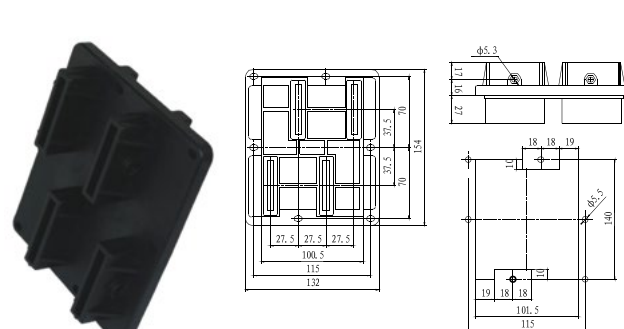
● GPJT8-630A/4P Primary socket



● GPXT8-400A/4P Primary socket

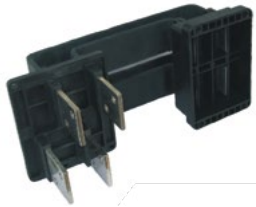


● GPXT8-630A/4P Primary socket

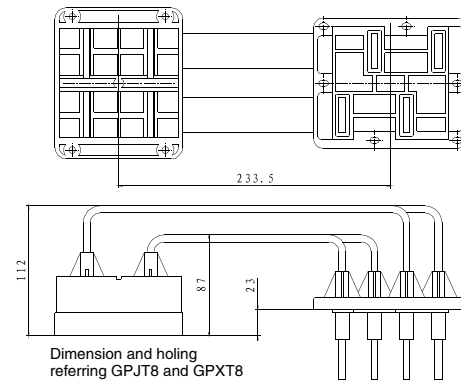


Primary plugin

Side-outgoing assembly plugin



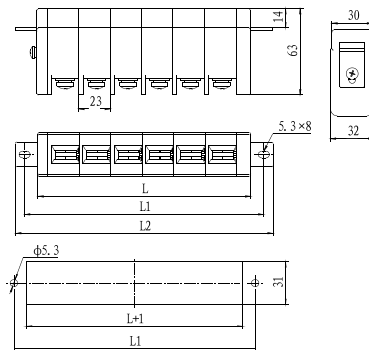
No.	Model	Current
1	GPT-125A	125A
2	GPT-250A	250A
3	GPT-400A	400A
4	GPT-630A	630A



GPC4-63A Fixed socket



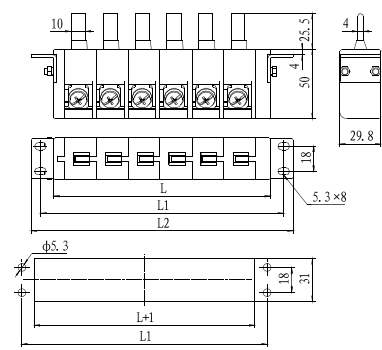
Model	L	L1	L2
63A/3	87	107	120
63A/4	110	130	143
63A/6	156	176	189



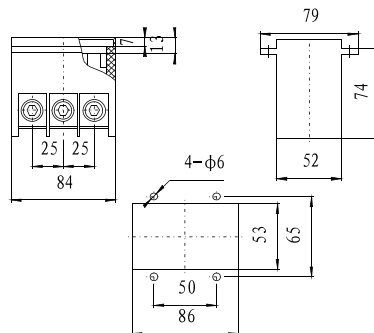
GPC4-63A Moving plug



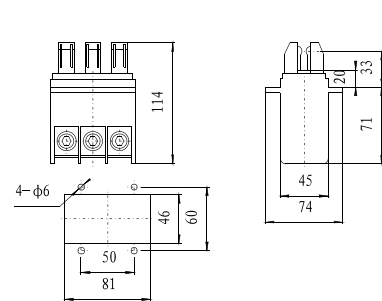
Model	L	L1	L2
63A/3	87	107	120
63A/4	110	130	143
63A/6	156	176	189



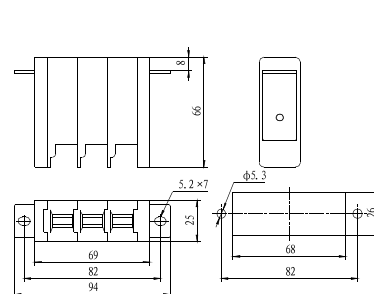
GPC5-125A Fixed socket



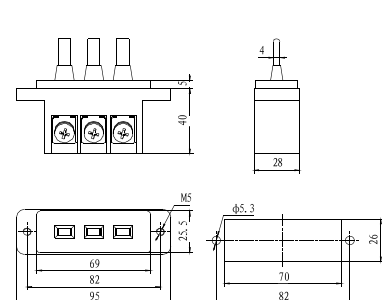
GPC5-125A Moving plug



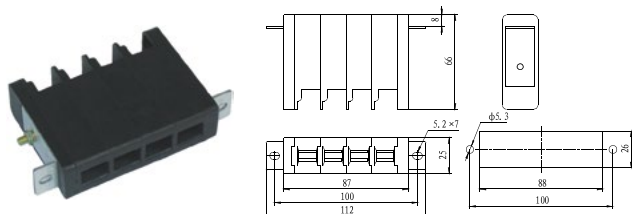
GPC6-63A/3 Fixed socket



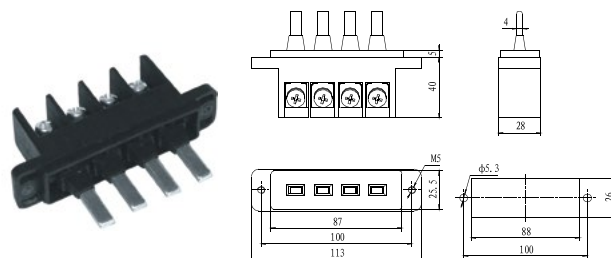
GPC6-63A/3 Moving plug



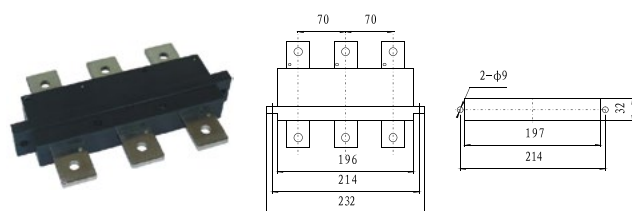
● GPC6-63A/4 Fixed socket



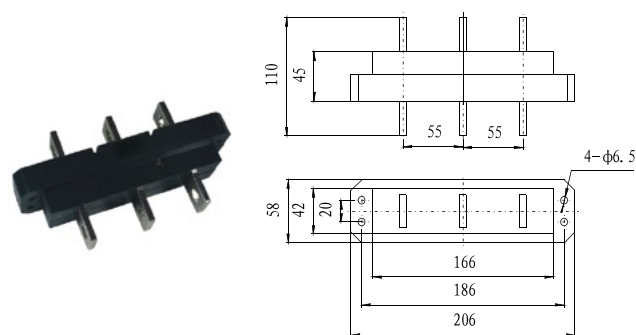
● GPC6-63A/4 Moving plug



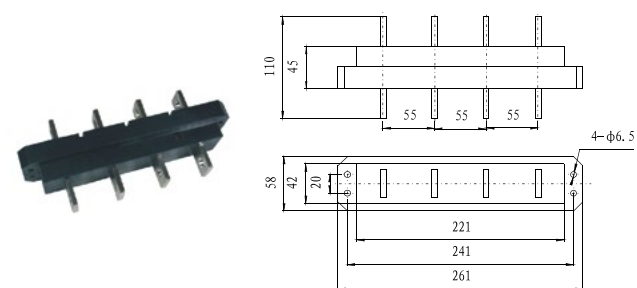
● GPXT1-250A, 630A Adapter



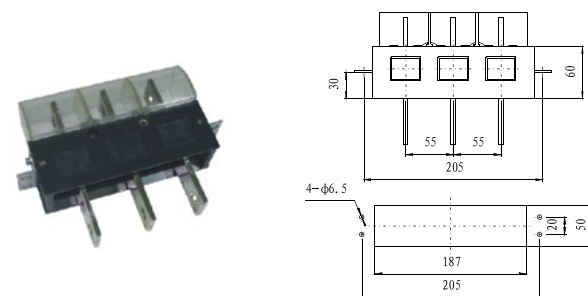
● GPXT2-250A, 630A Adapter



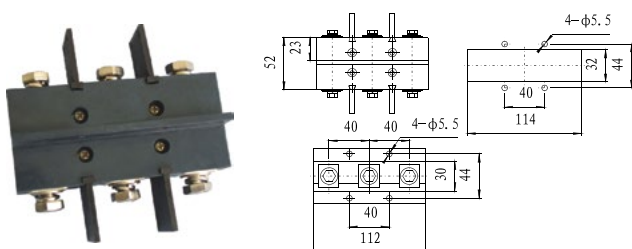
● GPXT2/4-250A, 630A Adapter



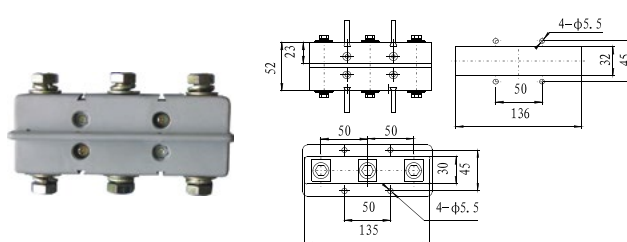
● GPXT3-250A, 630A Adapter



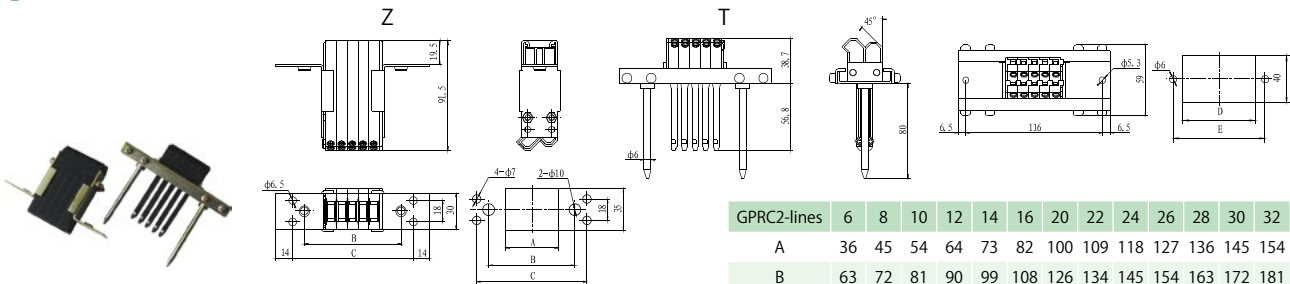
● GPXT4-125A Adapter



● GPXT4-250A Adapter

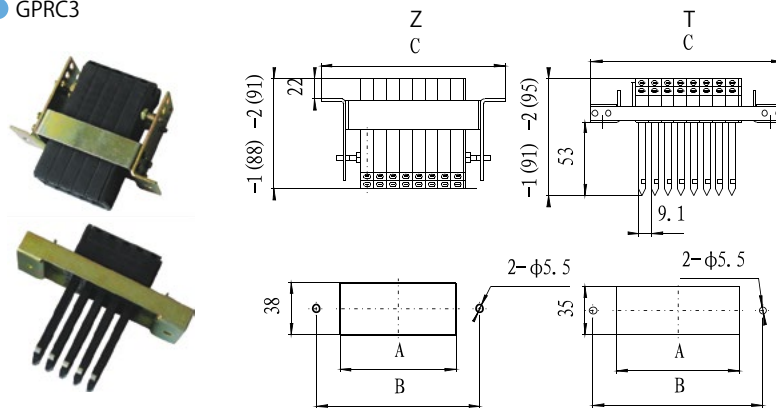


● GPRC2



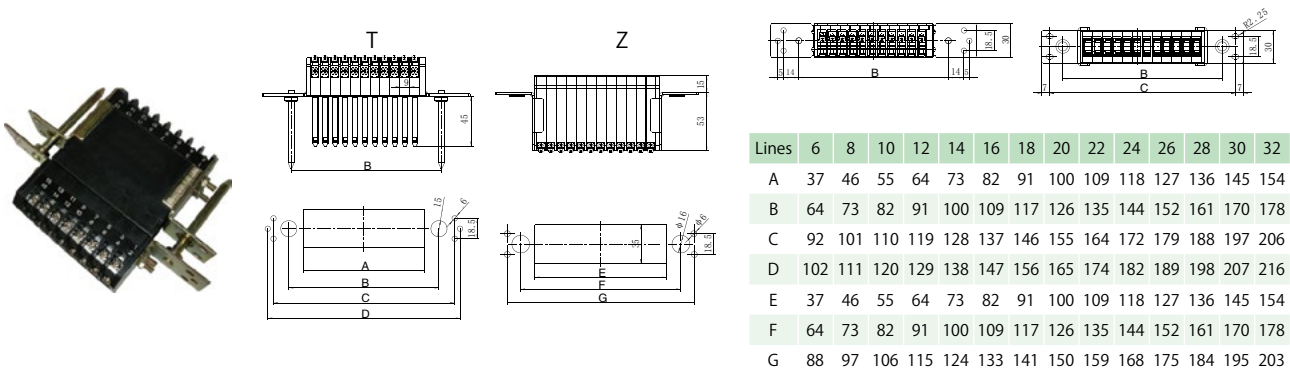
GPCR-lines	6	8	10	12	14	16	20	22	24	26	28	30	32
A	36	45	54	64	73	82	100	109	118	127	136	145	154
B	63	72	81	90	99	108	126	134	145	154	163	172	181
C	84	93	102	111	120	129	147	164	173	182	191	200	209
D	79	88	97	108	117	126	144	153	162	171	180	189	198
E	98	107	116	125	134	143	161	170	179	188	197	206	215

● GPRC3



Model	A	B	C	Model	A	B	C
GPRC3(Z)-6	38	90	103	GPRC3(T)-6	40	94	109
GPRC3(Z)-10	55	90	103	GPRC3(T)-10	60	94	109
GPRC3(Z)-12	65	100	115	GPRC3(T)-12	70	104	120
GPRC3(Z)-16	85	120	135	GPRC3(T)-16	90	124	140
GPRC3(Z)-20	105	140	153	GPRC3(T)-20	110	143	159
GPRC3(Z)-24	125	160	173	GPRC3(T)-24	128	162	177
GPRC3(Z)-30	155	190	203	GPRC3(T)-30	160	194	209

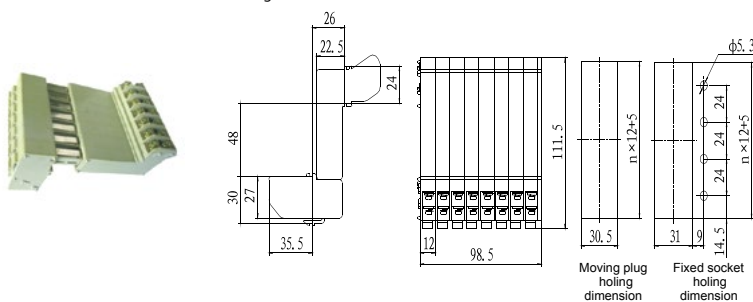
● GPRC4



Lines	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	117	126	135	144	152	161	170	178
C	92	101	110	119	128	137	146	155	164	172	179	188	197	206
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	117	126	135	144	152	161	170	178
G	88	97	106	115	124	133	141	150	159	168	175	184	195	203

● GPCF4-16 Lines

Note: GPCF4 is designed especially for secondary plugin of GPM3 side outlet unit drawer, fixed socket terminals with 45-degree bevel angle design, easy wiring.

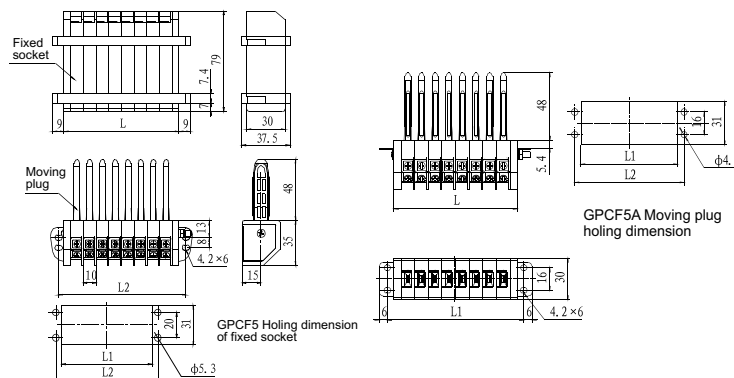


Secondary plugin

● GPCF5



● GPCF5A

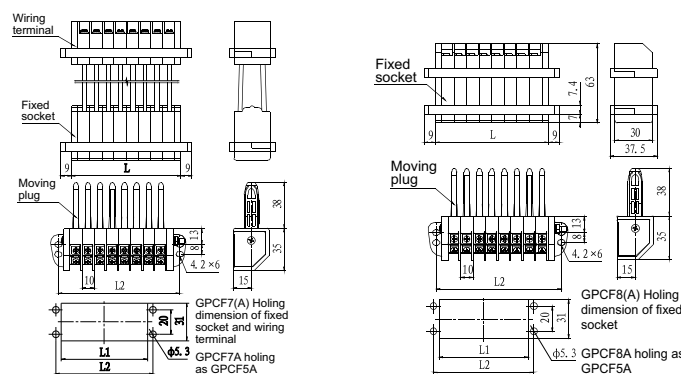


Model	L	L1	L2
GPCF5(A)-6Lines	40	41	50
GPCF5(A)-10Lines	60	61	70
GPCF5(A)-12Lines	70	71	80
GPCF5(A)-16Lines	90	91	100
GPCF5(A)-20Lines	110	111	120
GPCF5(A)-22Lines	120	121	130
GPCF5(A)-24Lines	130	131	140
GPCF5(A)-26Lines	140	141	150
GPCF5(A)-30Lines	160	161	170
GPCF5(A)-32Lines	171	171	180
GPCF5(A)-36Lines	190	191	200

● GPCF7, GPCF7A



● GPCF8, GPCF8A

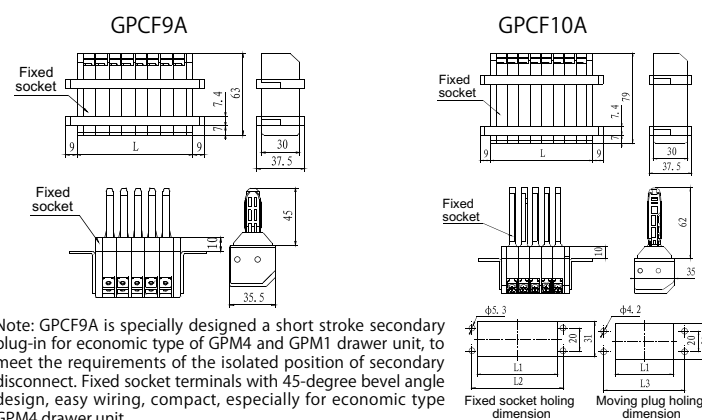


Model	L	L1	L2
GPCF7,8(A)-6Lines	40	41	50
GPCF7,8(A)-10Lines	60	61	70
GPCF7,8(A)-12Lines	70	71	80
GPCF7,8(A)-16Lines	90	91	100
GPCF7,8(A)-20Lines	110	111	120
GPCF7,8(A)-22Lines	120	121	130
GPCF7,8(A)-24Lines	130	131	140
GPCF7,8(A)-26Lines	140	141	150
GPCF7,8(A)-30Lines	160	161	170
GPCF7,8(A)-32Lines	171	171	180
GPCF7,8(A)-36Lines	190	191	200

● GPCF9A



● GPCF10A



Model	L	L1	L2
GPCF9A,10A-6Lines	40	41	50
GPCF9A,10A-10Lines	60	61	70
GPCF9A,10A-12Lines	70	71	80
GPCF9A,10A-16Lines	90	91	100
GPCF9A,10A-20Lines	110	111	120
GPCF9A,10A-22Lines	120	121	130
GPCF9A,10A-24Lines	130	131	140
GPCF9A,10A-26Lines	140	141	150
GPCF9A,10A-30Lines	160	161	170
GPCF9A,10A-34Lines	171	171	180
GPCF9A,10A-36Lines	190	191	200

GPJD Adapting Unit

GPJD type main circuit adapting unit is power distributor of the 1/2 (or 1/4) drawer for low-voltage withdrawable switchgear and control equipment, it match with 1/2 (or 1/4) drawer together to achieve operation, measurement, protection and energy transfer of the function unit. It has been widely used in airports, subways, power plant, factory, mines and other national key projects.

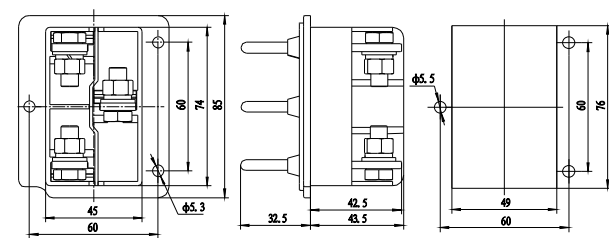
The main technical parameters:

1. The main circuit
Rated insulation voltage: AC690V
Rated working voltage: AC380V
Rated current: $2 \times 100A$, $2 \times 63A$, $4 \times 40A$
Power frequency withstand voltage: 2500V
2. The auxiliary circuit
Rated working voltage: AC380V DC220V
3. The center distance between adapting unit to the vertical busbar holder: 3P 125mm, 4P 119.5mm

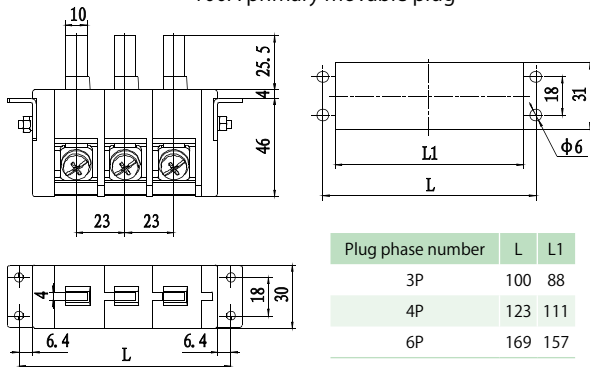
GPJD 100Ax2 adapting unit



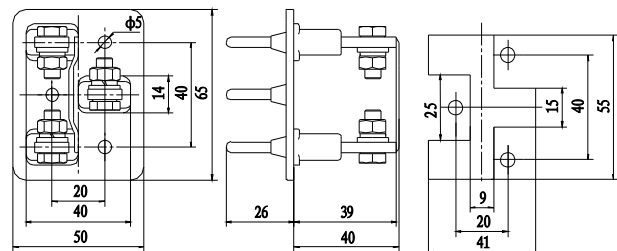
Outline and holing dimension of GPJD switching unit movable plug



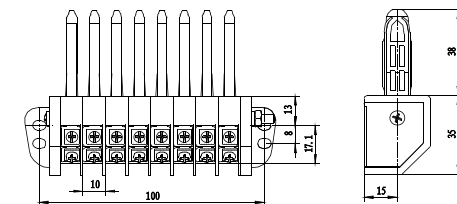
100A primary movable plug



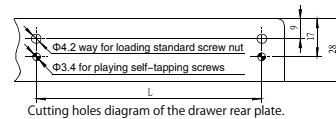
63A primary movable plug



63A primary movable plug

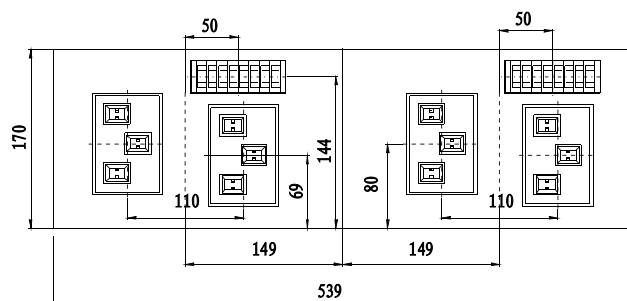


Secondary movable plug



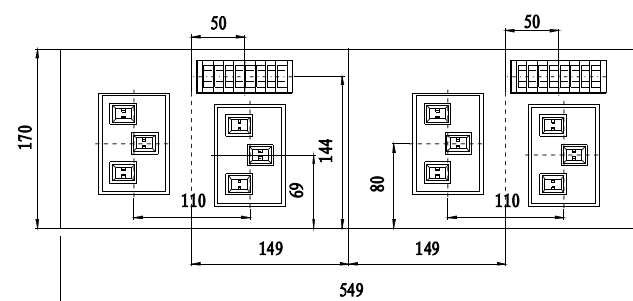
Secondary lines	L
16 lines	100
20 lines	120
22 lines	130
26 lines	150

GPJD-1 100Ax2 170x539



Note: For FA28 profile GPM3

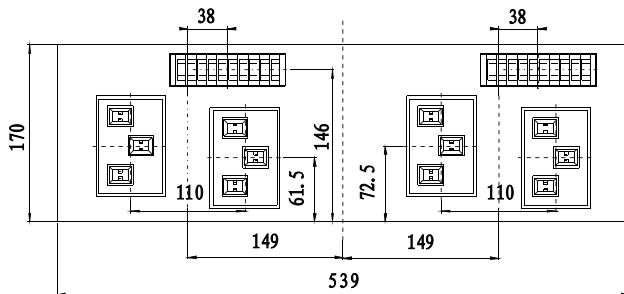
GPJD-2 100Ax2 170x549



Note: For KB profile GPM3

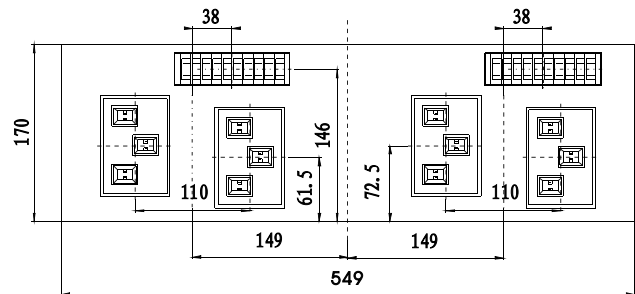
Adapting unit

● GPJD-3 100Ax2 170x539 (20 lines)



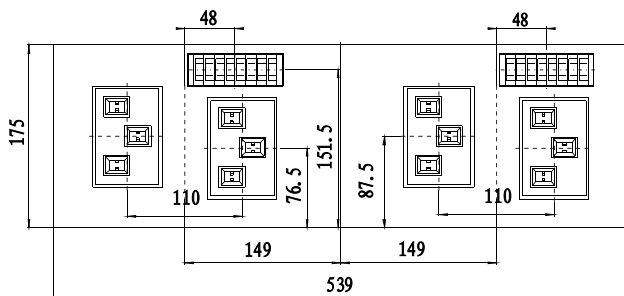
Note: For secondary circuit 20 lines of FA28 profile GPM3

● GPJD-4 100Ax2 170x549 (20 lines)



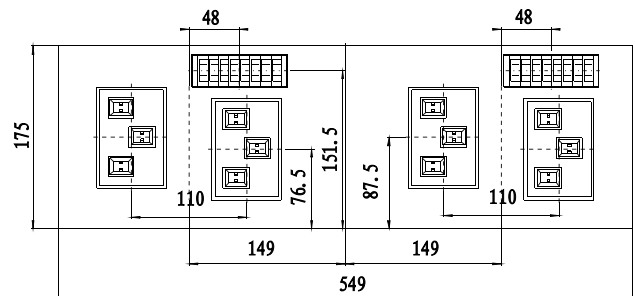
Note: For secondary circuit 20 lines KB (C) profile GPM3

● GPJD-5 100Ax2 175x539



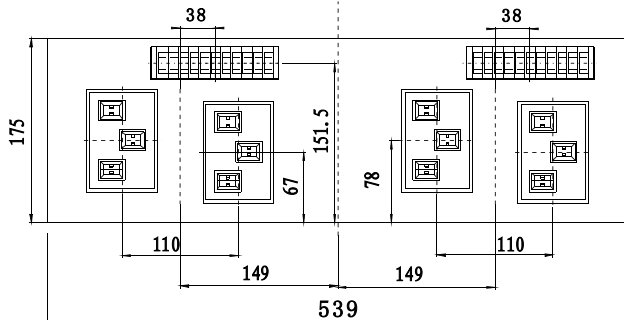
Note: For KS (GPM5) profile GPM4, GPM3

● GPJD-6 100Ax2 175x549



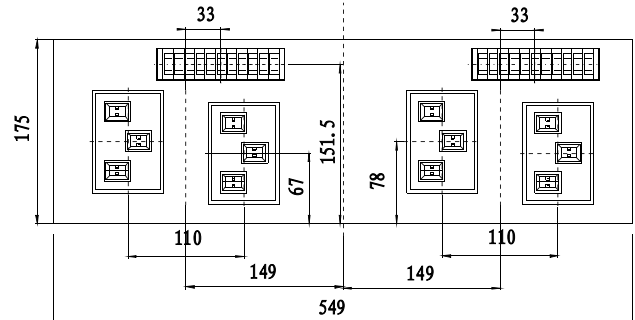
Note: For KB (C) profile GPM1, GPM3

● GPJD-7 100Ax2 175x539 (20 lines)



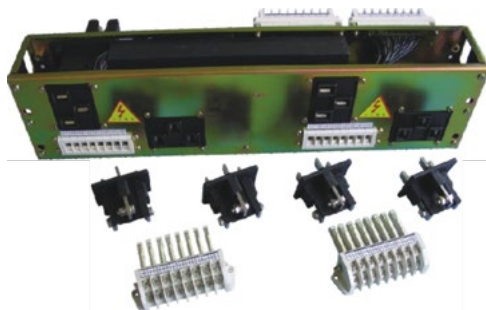
Note: For secondary circuit 20 lines KS(GPM5) profiles GPM4,GPM3

● GPJD-8 100Ax2 175x549 (22 lines)



Note: For secondary circuit 22 lines KB(C) profiles GPM1,GPM3

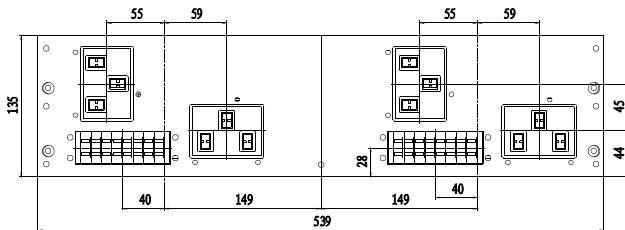
● GPJD 63Ax2 Adapting Unit



● New GPJD 63Ax2 Adapting Unit

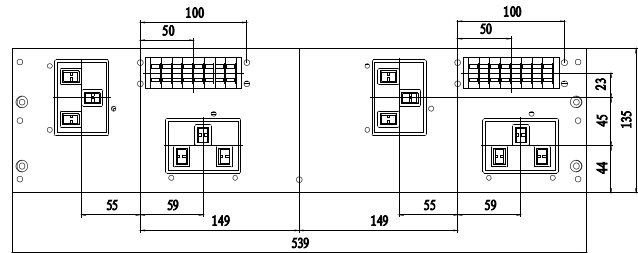


● GPJD-A1 63Ax2 135x539



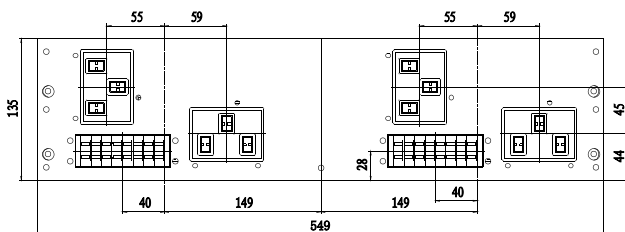
Note: For KS (GPM5) profile GPM4

● GPJD-A2 New 63Ax2 135x539



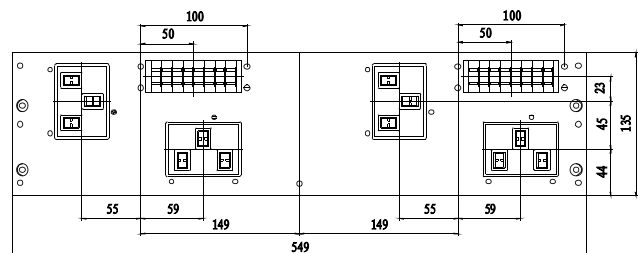
Note: For KS (GPM5) profile GPM4

● GPJD-A3 63Ax2 135x549



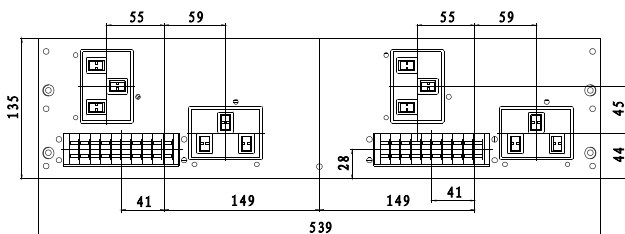
Note: For KB (C) profile GPM4

● GPJD-A4 New 63Ax2 135x549



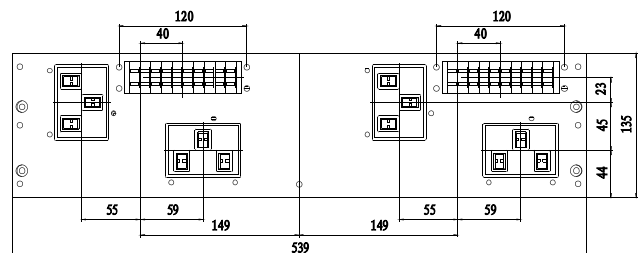
Note: For KB (C) profile GPM4

● GPJD-A5 63Ax2 135x539 (20 lines)



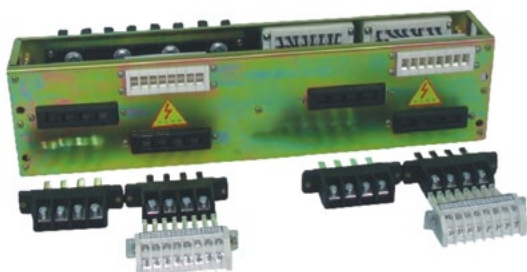
Note: For the secondary circuit 20 lines of KS (GPM5) profiles GPM4

● GPJD-A6 New 63Ax2 135x539 (20 lines)

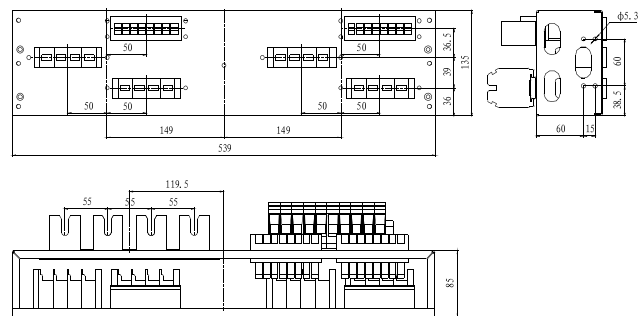


Note: For the secondary circuit 20 lines of KS (GPM5) profiles GPM4

● GPJD-B1 63Ax2 4P Adapting Unit



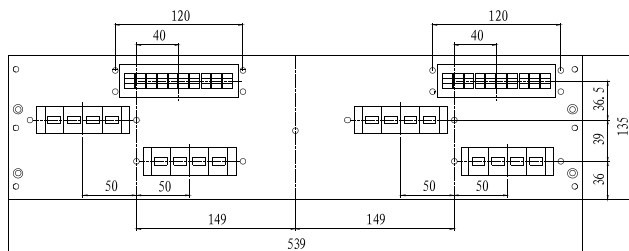
● GPJD-B1 63Ax2 4P 135x539



Note: if required 50mm vertical bus phase distance, please specify when ordering

Adapting unit

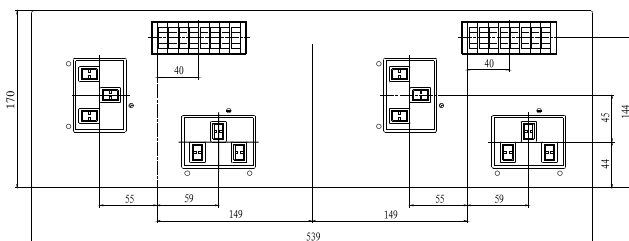
● GPJD-B2 63Ax2 4P 135x539



● GPJD-B3 63Ax2 3P Adapting Unit

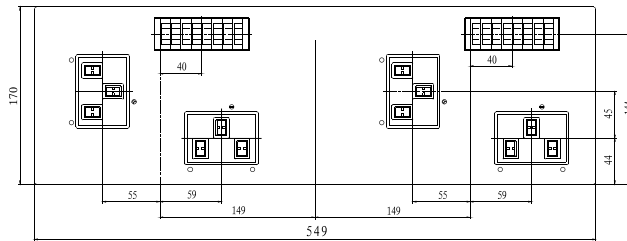


● GPJD-B3 63Ax2 170x539



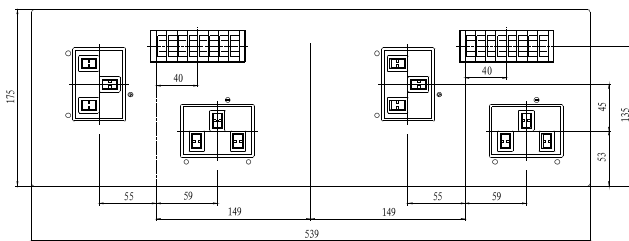
Note: For FA28 profile GPM3

● GPJD-B4 63Ax2 170x549



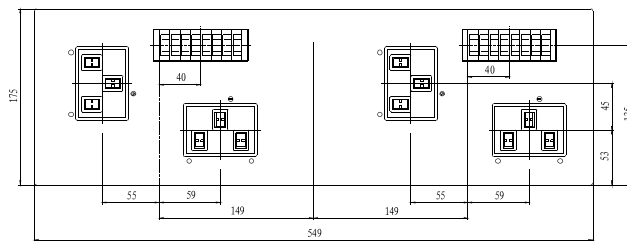
Note: For KB (C) profile GPM3

● GPJD-B5 63Ax2 175x539



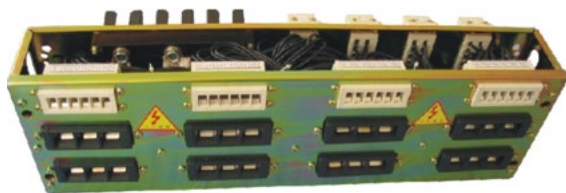
Note: For KS (GPM5) profile GPM3

● GPJD-B6 63Ax2 175x549



Note: For KB (C) profile GPM1, GPM3

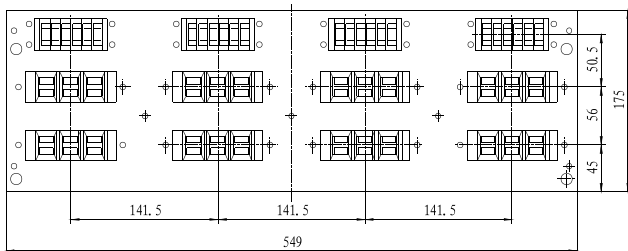
● GPJD Special adapting unit 1/4



● GPJD Special adapting unit 1/2

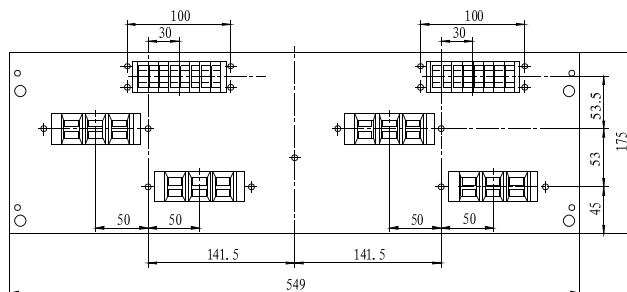


● Special 40Ax4 175x549



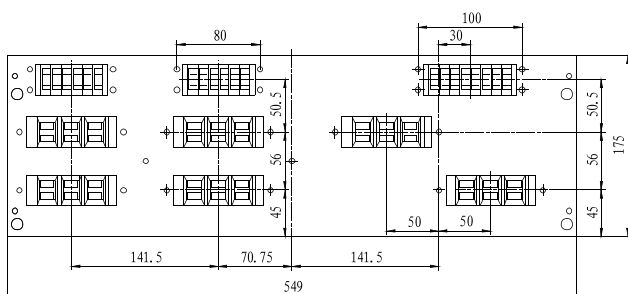
Note: The secondary circuit 12 lines, clapboard depth 475 for economic type GPM1

● Special 63Ax2 175x549



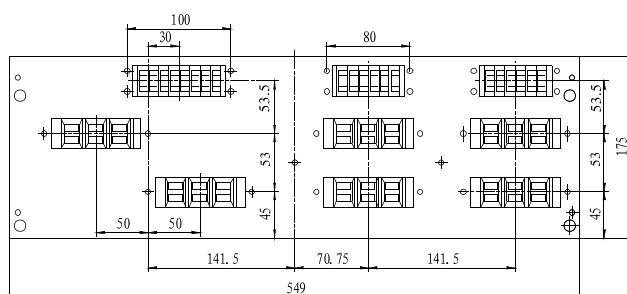
Note: This adapting unit is match with special adapting unit 1/4

● Special Left 1/4 Right 1/2 175x549



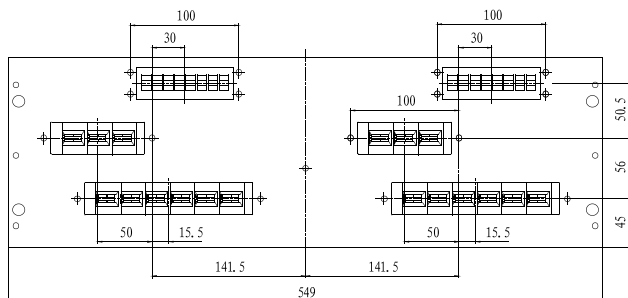
Note: This adapting unit is match with special adapting unit 1/4

● Special Left 1/2 Right 1/4 175x549



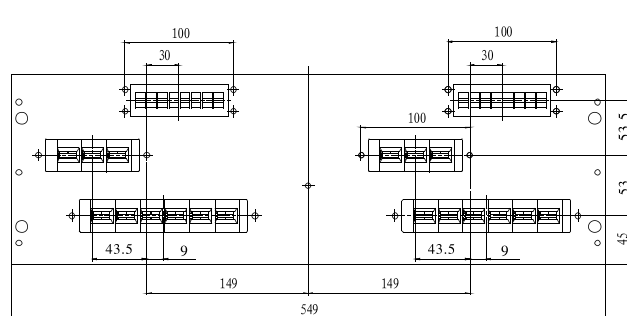
Note: This adapting unit is match with special adapting unit 1/4

● Special 1-inlet 2-outlet 175x549

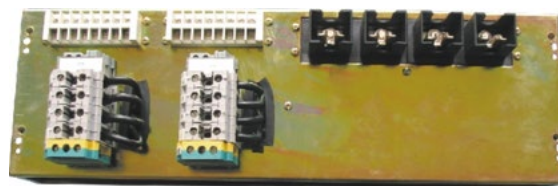


Note: This adapting unit is match with special adapting unit 1/4

● Special 1-inlet 2-outlet 175x549 center distance 298

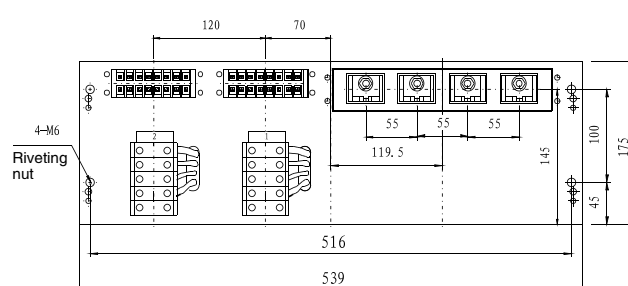
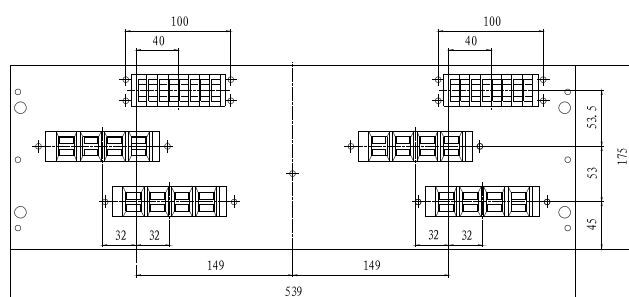


● GPJD 1/2 4P Adapting Unit



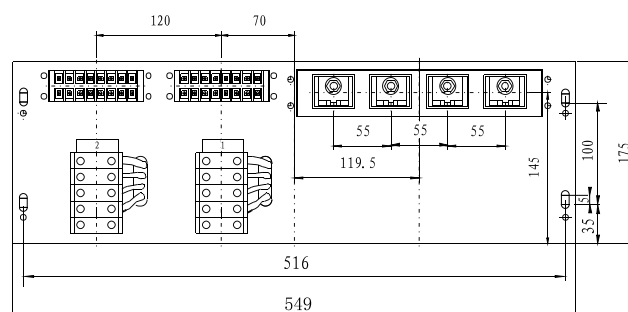
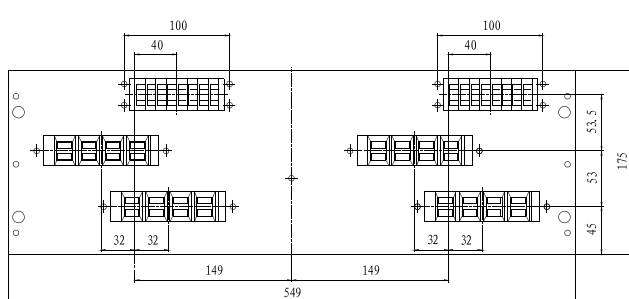
Adapting unit

63Ax2 4P 175x539



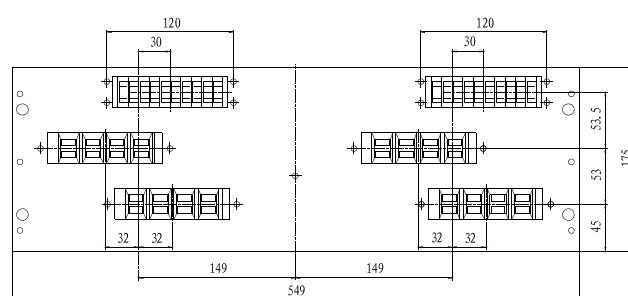
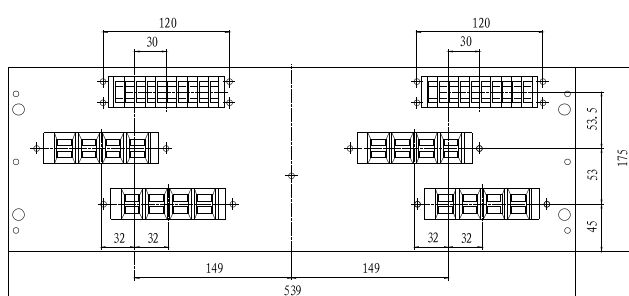
Note: The vertical bus phase distance if required 50mm, please specify when ordering

63Ax2 4P 175x549

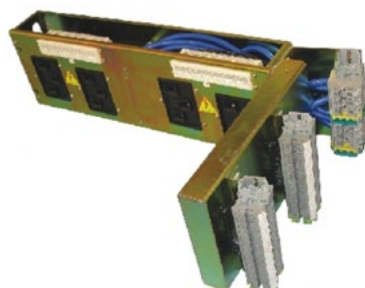


Note: The vertical bus phase distance if required 50mm, please specify when ordering

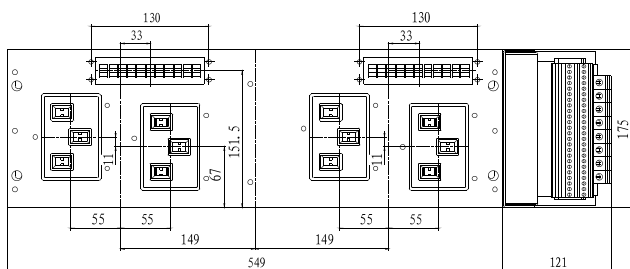
63Ax2 4P (20 lines) 175x539



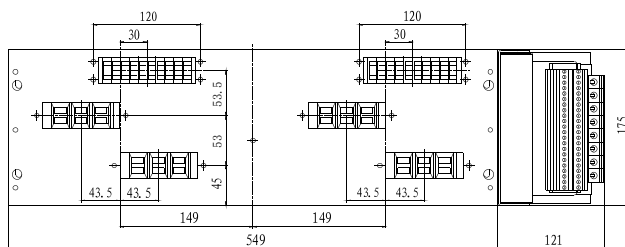
GPJD 1/2 Side-outlet adapting unit



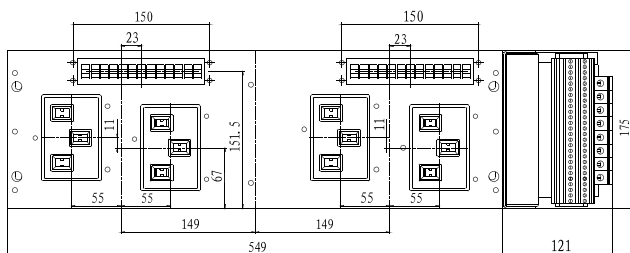
● 100Ax2 175x549 (22 lines) Side-outlet



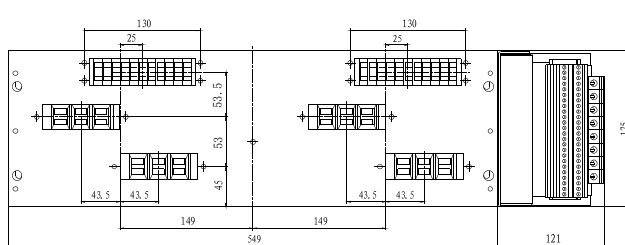
● 63Ax2 175x549 (20 lines) Side-outlet



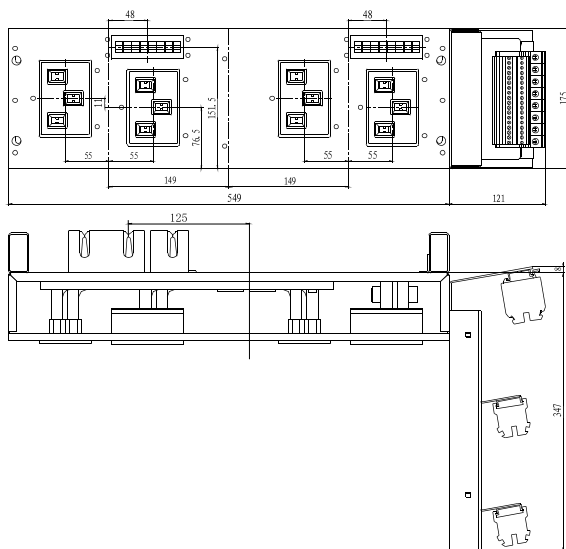
● 100Ax2 175x549 (26 lines) Side-outlet



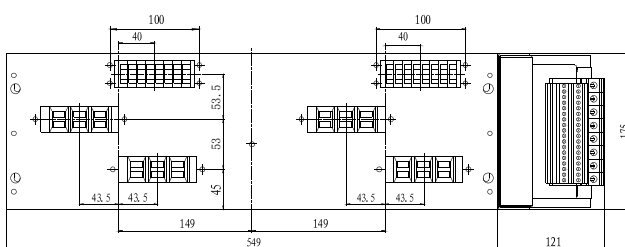
● 63Ax2 175x549 (22 lines) Side-outlet



● 100Ax2 175x549 Side-outlet



● 63Ax2 175x549 Side-outlet



- GPJD-B ultra-thin type adapting unit

GPD-B is the latest development of new 1/2 adapting unit, with a large current, small space, aesthetic and practical features, its depth is only 45mm, nearly half of the original 85mm of the standard type. So save much space and cost for the cabinet manufacture. Secondary circuit in all 26 lines design, unified specifications enable customers to facilitate stocking. Current unified 125A includes GPM4 unit. It is an indispensable accessories of GPM4, GPM1, and GPM3 Low-voltage withdrawable switchgear.

The main technical parameters:

- ### 1.The main circuit

Rated insulation voltage: AC1000V

Rated working voltage: AC660V

Rated current: 125Ax2

Power frequency withstand voltage: 3500V

2. The auxiliary circuit rated working voltage: AC380V DC220V

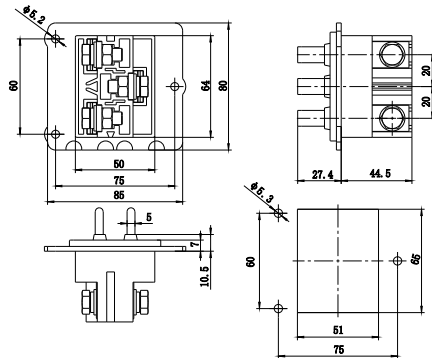
Rated current: 10Ax26

3. The center distance between the adapting unit and the vertical busbar: 3P 125 mm

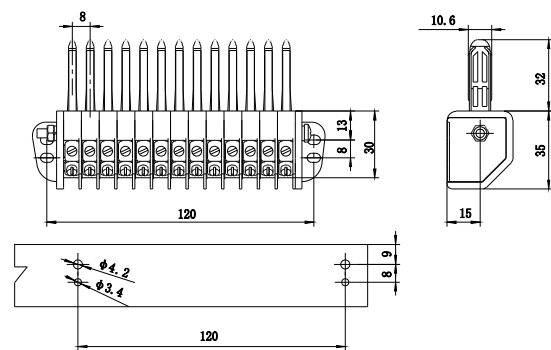


GPJD-B 125Ax2 ultra-thin type adapting unit

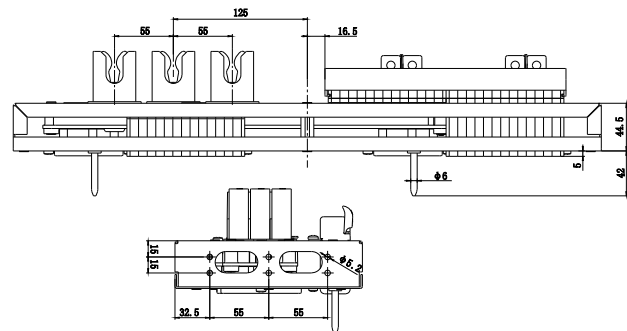
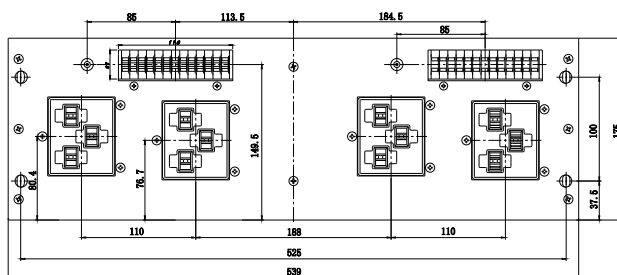
- GPJD-B Outline and dimension of the primary moving



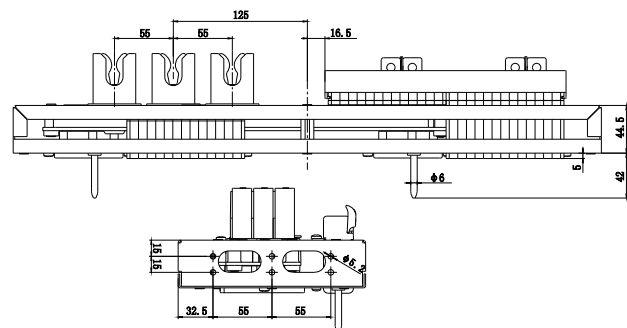
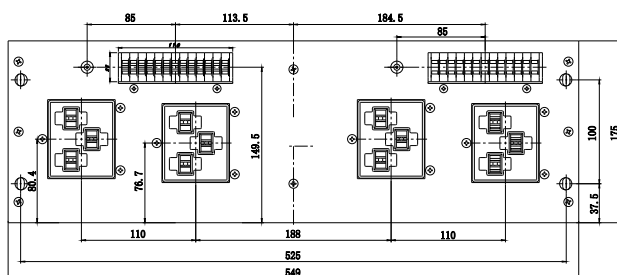
- Outline and cutting holes of the secondary moving plug



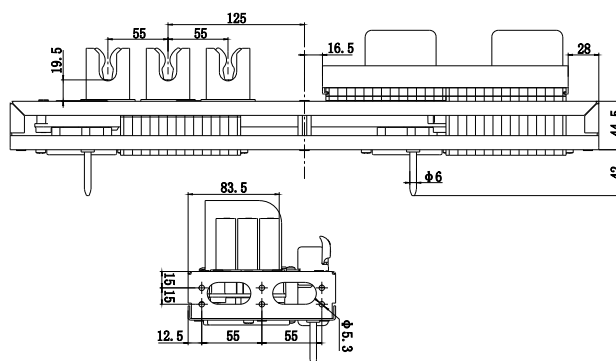
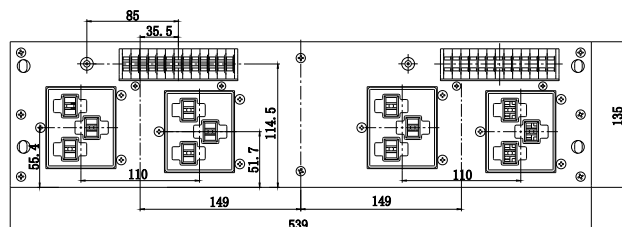
- 539x175x45 125Ax2 for KS profile GPM4, GPM3



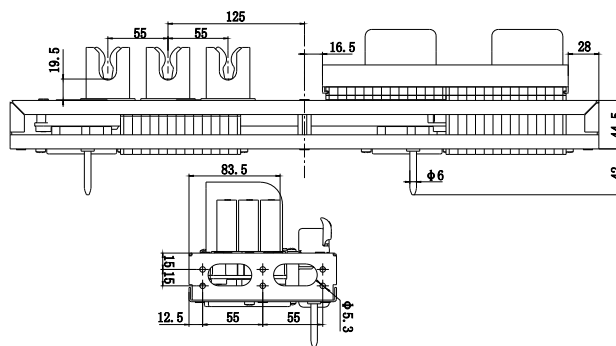
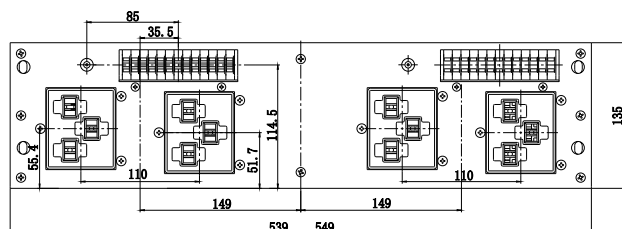
- 549x175x45 125Ax2 for KB profile GPM1, GPM3



- 539x175x45 125Ax2 for KS profile GPM4



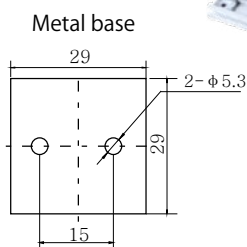
- 549x175x45 125Ax2 For KB profile GPM4



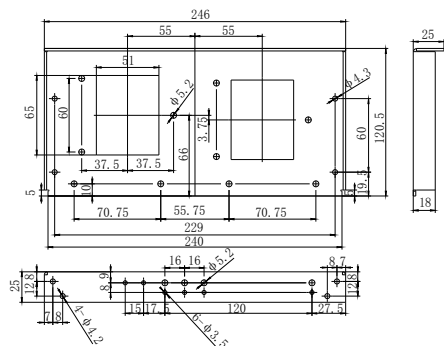
- Economic type GPM1 drawer (with ultra-thin adapter)



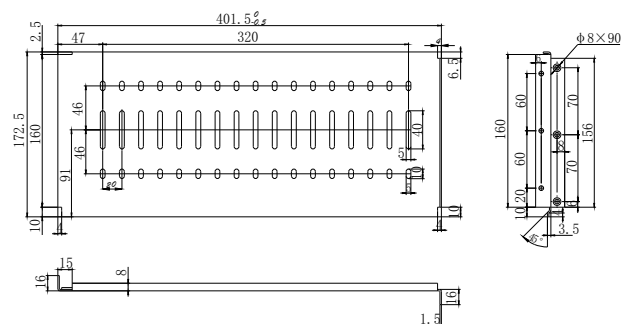
- Economic type GPM1 aluminum rails
Match with new developed metal base



- GPM1 Economic type rear plate
(metal side plate drawer match with ultra-thin adapter)

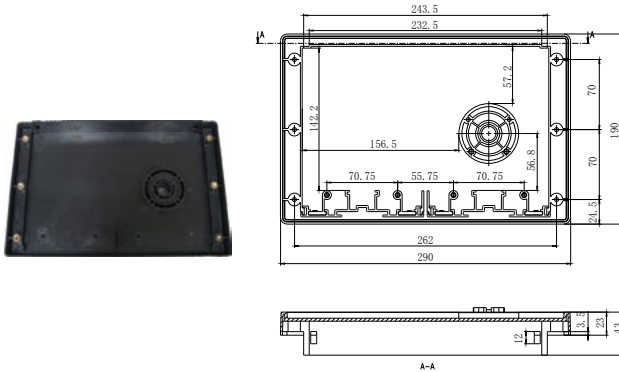


- Economic GPM1 metal side drawing

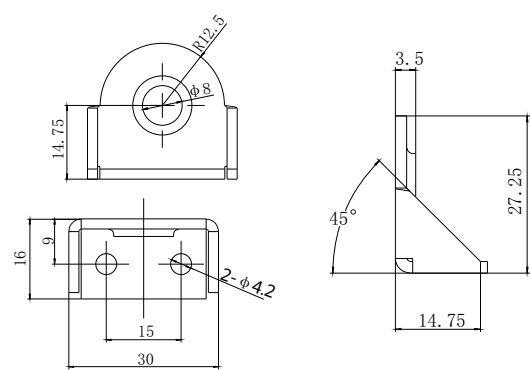


Adapting unit

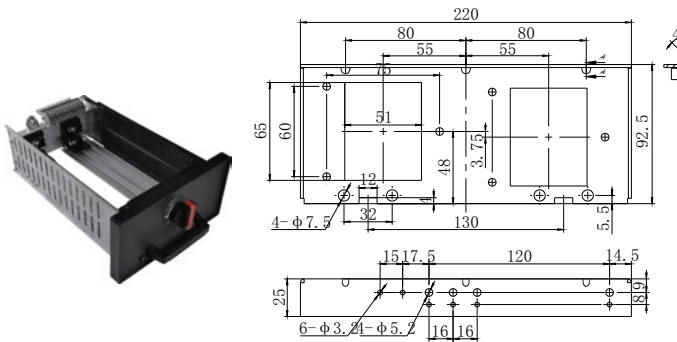
- GPM1 Economic panel (Universal)



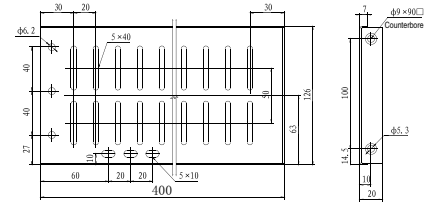
- Pin-guide bracket of ultra-thin type drawer rear plate



- GPM4 Economic drawer (match with ultra-thin adapter)

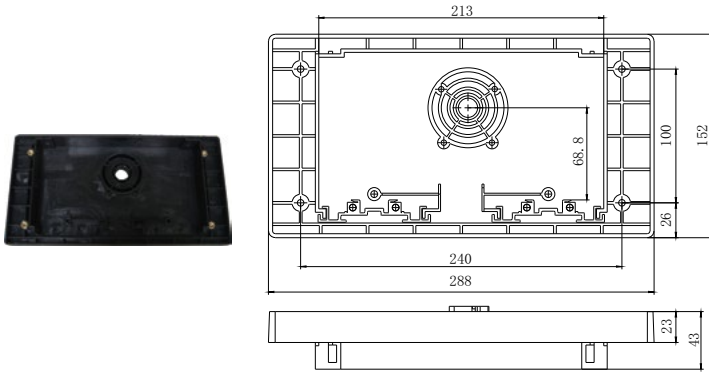


Side plate of GPM3 drawer

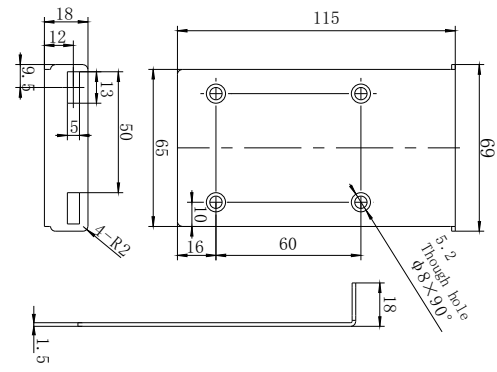


Economic GPM4/GPM3 left side wall and right side wall are symmetrical bended edge, Material: 1.5 cold rolled steel Q235 partition depth 450mm, aluminum rail length 408mm, suitable for 135mm ultra-thin switching unit of GPM4 aluminum rail. If the partition deepen or cut short, side wall and aluminum rail is also a corresponding deepening or shortened.

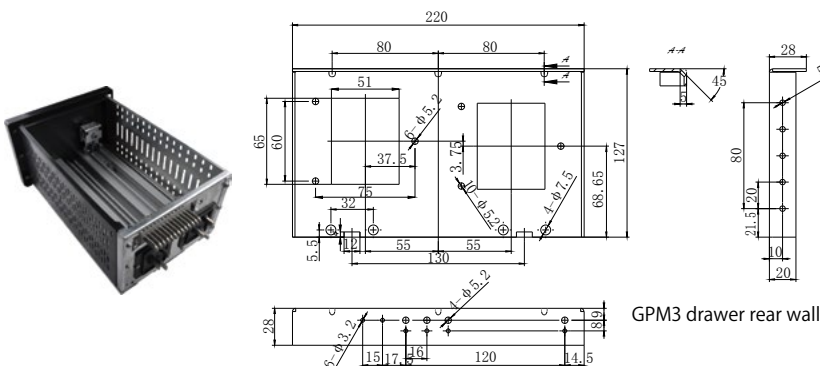
- GPM4 Economic panel (Universal)



- GPM4 drawer plastic side wall bracket

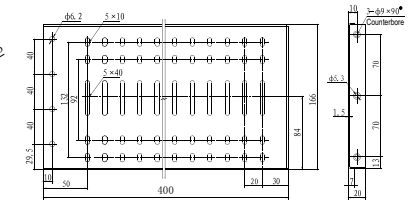


- GPM3 Economic drawer



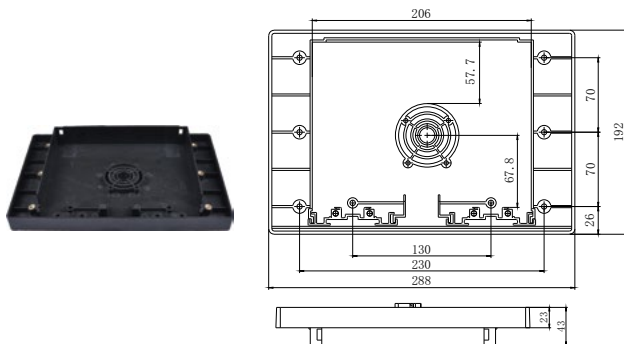
GPM3 drawer rear wall

- GPM3 drawer side wall

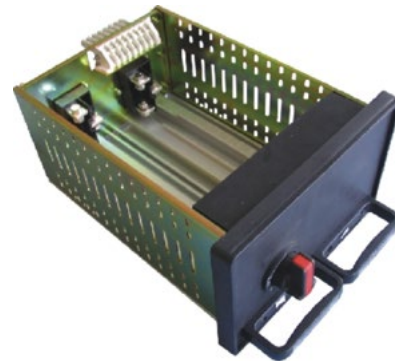


Economic GPM4/GPM3 left side wall and right side wall are symmetrical bended edge, Material: 1.5 cold rolled steel Q235 partition depth 450mm, aluminum rail length 408mm, suitable for 175mm ultra-thin adapting unit of GPM4 aluminum rail. If the partition deepen or cut short, side wall and aluminum rail is also a corresponding deepening or shortened.

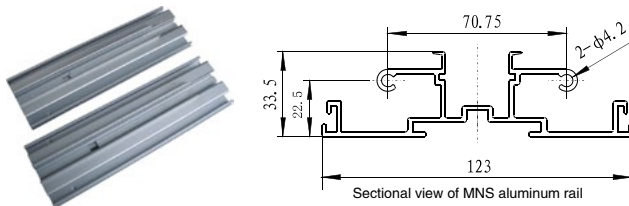
- GPM3 universal type surface plate



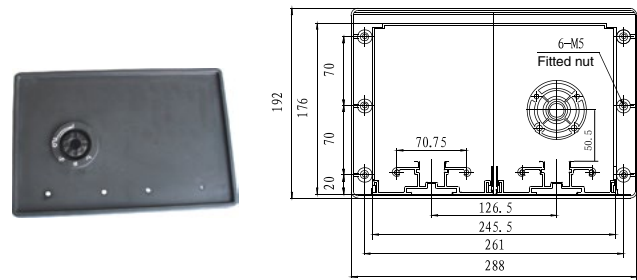
- GPM1 economic type 1/2 unit drawer



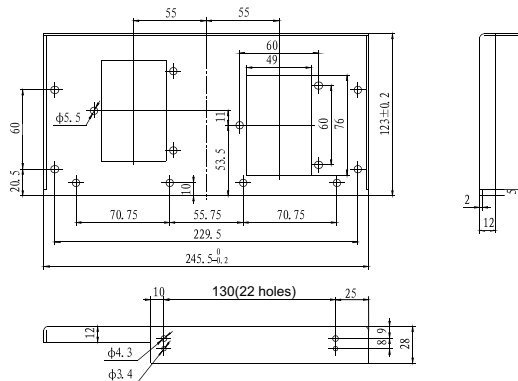
- GPM1 aluminum rails



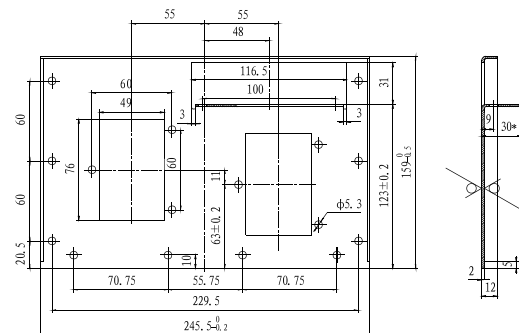
- GPM1 Economic 1/2 panel



- Match with 100Ax2 175x549 (22 lines) GPM1 rear plate

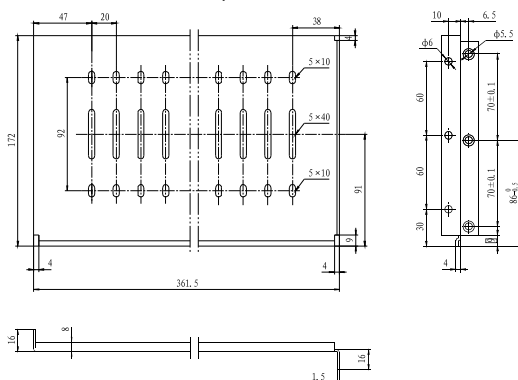


- Match with 100Ax2 175x549 GPM1 rear plate



Note: Matching with other rear plate of adapting units, please compare the size of the difference of the primary and secondary and make changes accordingly.

- Economic GPM1 left side plate



Note: Economic GPM1 left side wall and right side wall are symmetrical bended edge, Material: 1.5 cold rolled steel Q235 partition depth 450mm, aluminum rail length 368mm. If the partition deepen or cut short, side wall and aluminum rail is also a corresponding deepening or shortened.

Adapting unit

● GPM1 Economic 1/4 unit drawer



● GPM1 Economic special 1/2 drawer unit



● GPM1 Economic special 1/2 drawer unit

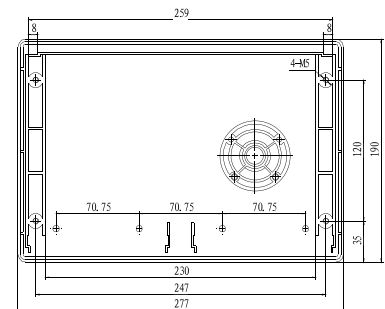


● GPM1 aluminum rail insulating cover

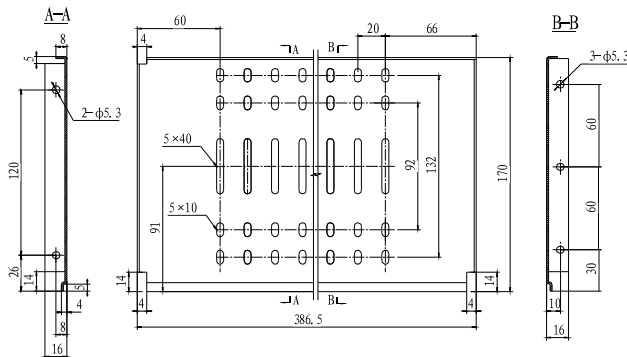


Note: for aluminum guide protection of 22 lines GPM1 drawer outlet terminal, due to the too close distance from the outlet terminal to guide rail, cannot meet the safety distance, with an insulating cover can effectively solve the problem of insufficient clearance.

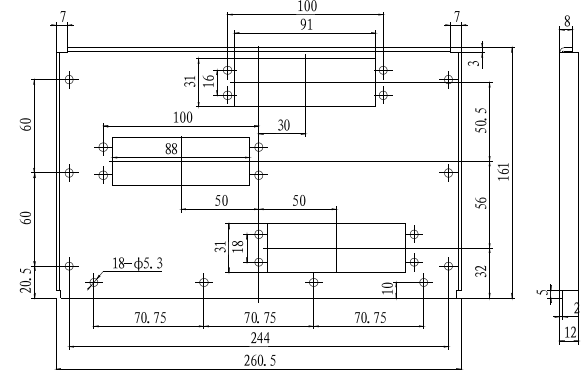
● GPM1 Economic special panel 1/2



● Economic special GPM1 left side plate.



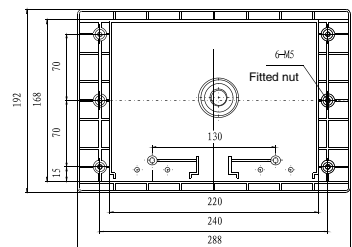
● Economic special GPM1 rear plate



● GPM31 / 2 Drawer unit

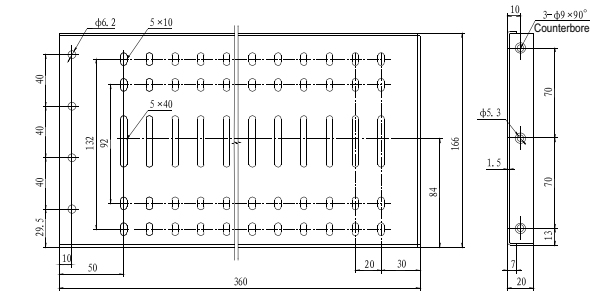


● GPM31 / 2 Panel



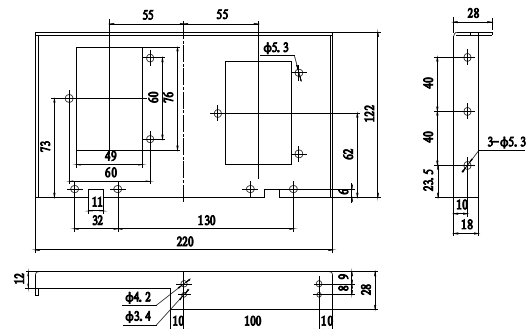
Switch closing angle of 60 degrees and 90 degrees of the points, 60 degrees with GPJG-2 interlock, 90 degrees with GPJG-4 interlock, see the operating mechanism table designed with GPJG-2, and the table does not have the switch, please set switching panel 90 degrees.

Economic GPM4, GPM3 left side panel



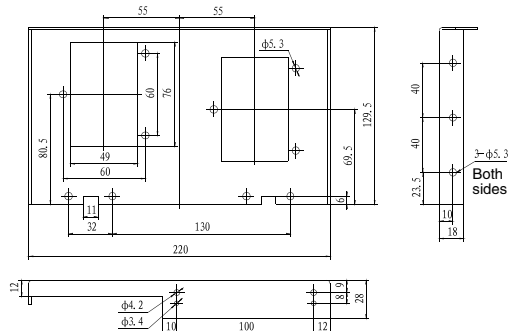
Economic GPM4 / GPM3 left side wall and right side wall are symmetrical bended edge, Material: 1.5 cold rolled steel Q235 partition depth 450mm, aluminum rail length 368mm, suitable for 170, 175mm adapting unit of GPM4 aluminum rail. If the partition deepen or cut short, side wall and aluminum rail is also a corresponding deepening or shortened.

Matching 100Ax2 170 height GPM3 rear plate



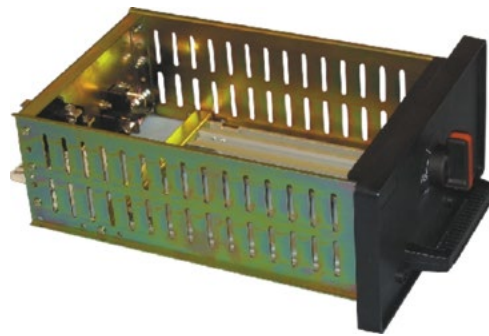
Note: match with other rear plate of adapting units, please compare the size of the difference of the primary and secondary and make changes accordingly.

Matching 100Ax2 175 height GPM3 rear plate

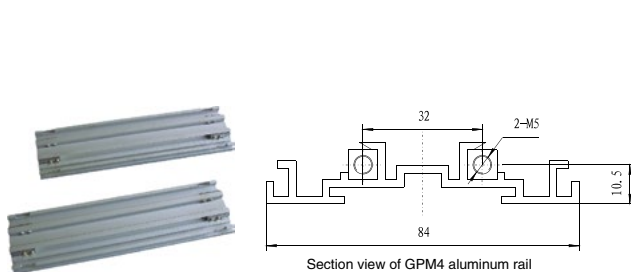


Note: match with other rear plate of adapting units, please compare the size of the difference of the primary and secondary and make changes accordingly.

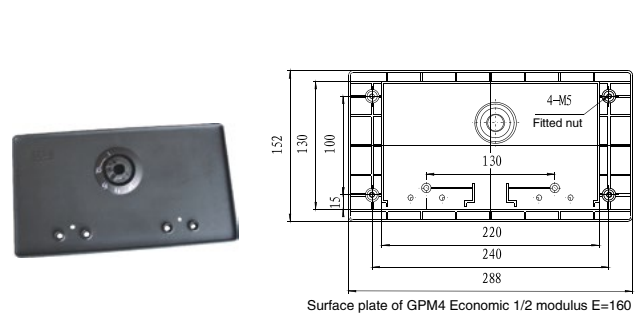
Economic GPM4 1/2 drawer



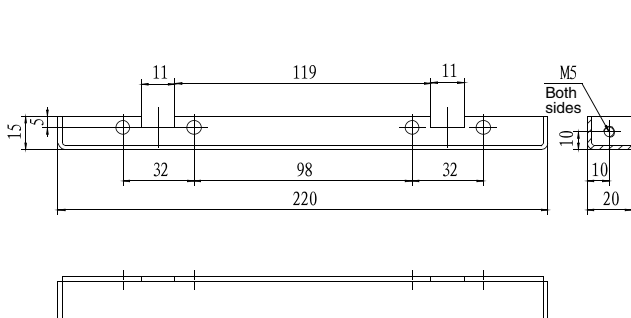
GPM4 guide rail



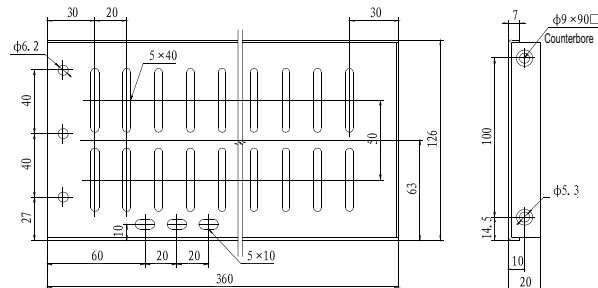
Economic GPM4 1/2 surface plate



Match with 63Ax2 135 height small horizontal beam



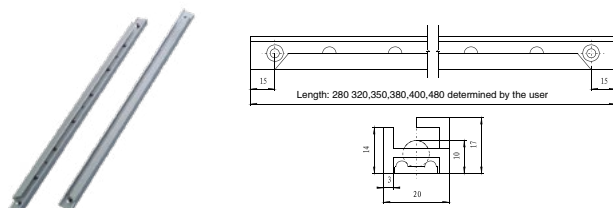
Match with 63Ax2 135 height left side wall of drawer



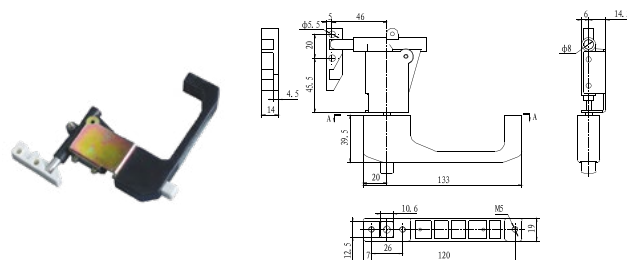
Economic GPM4 / GPM3 left side wall and right side wall are symmetrical bended edge, Material: 1.5 cold rolled steel Q235 partition depth 450mm, aluminum rail length 280mm, suitable for 135mm adapting unit of GPM4 aluminum rail. If the partition deepen or cut short, side wall and aluminum rail is also a corresponding deepening or shortened.

Propelling mechanism

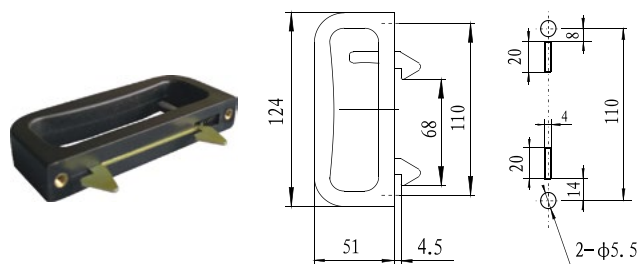
● Ball Guide (L=280,320,350,380,400,450,480)



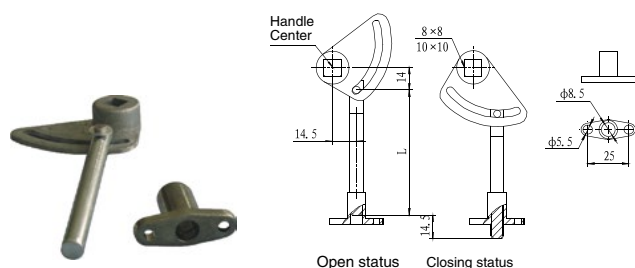
● Interlock handle



● HANL 200 008PIG Locking hookhandle

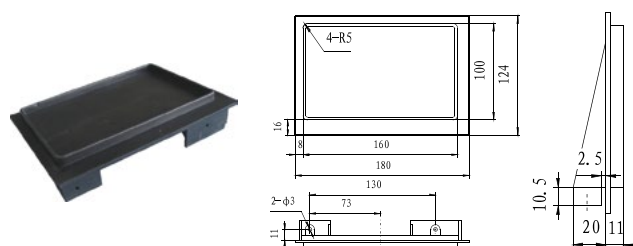


● Simple interlock mechanism

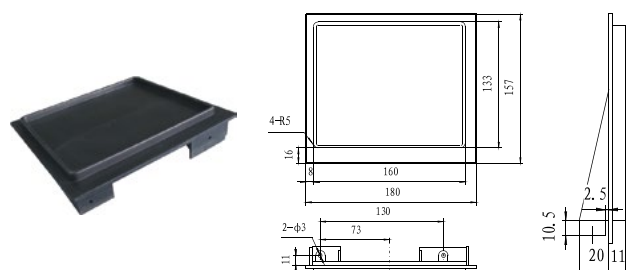


Note: When ordering please specify the length dimension and the square hole's size, L has 78,85,93,98,105 for option.

● 1 Unit panel



● Large than 1 unit panel



● GPJG-1 Interlock propelling mechanism



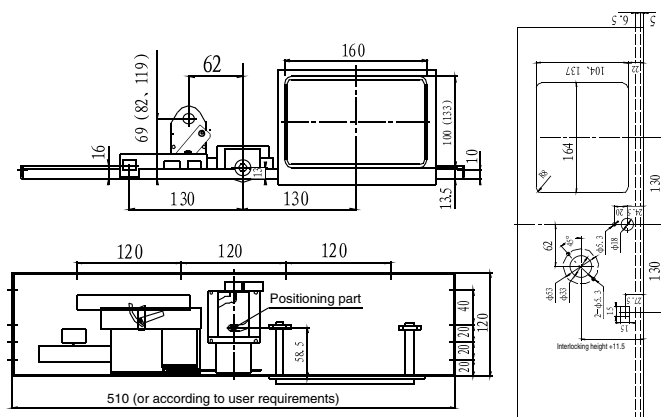
Features

Panel protection class IP40, test position drawer to the work position of three-position works
Description:

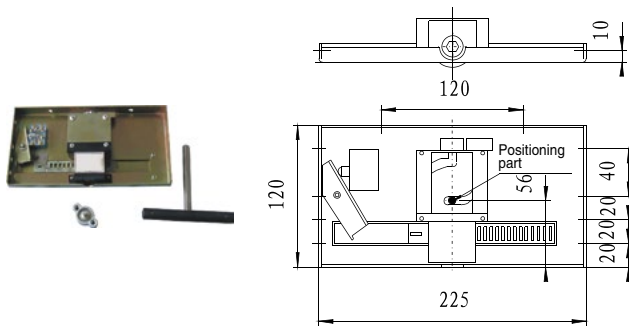
Disconnected position, the drawer can be pulled out/pushed in position display (disconnect), test

lockout, the main switch cannot close, this time the notch under the propelling mechanism match with positioning axis, so that the drawer can propelling in.

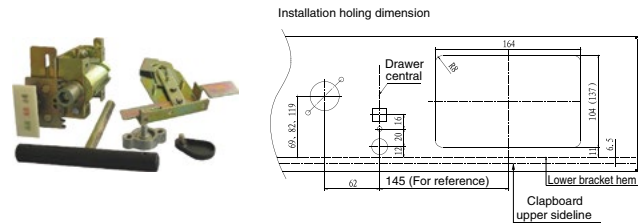
Test position: clockwise rotating the propelling mechanism, the drawer that is moving backwards, when you feel the ball resilient positioning, the drawer door is close the pillar tightly, panel display (test), then primary turned on, the auxiliary circuit is turned on, the micro switch ON, test lock makes the main switch cannot closing, the drawer cannot be pulled out. Connected position: continue clockwise rotating the propelling mechanism, panel display (connected) the drawer locked, you cannot pull out, primary and secondary in a working state, then the switch to closing, propelling mechanism on the panel (hole) is close when the switch is in closed state, then the operating lever of the propelling mechanism can enter in the operating drawers for slide in and out.



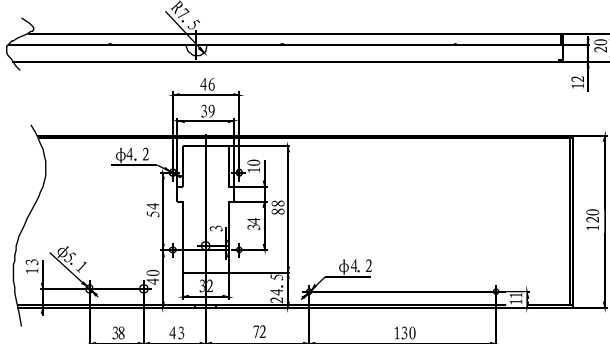
- GPJG-1.1 1/2 Interlock propelling mechanism



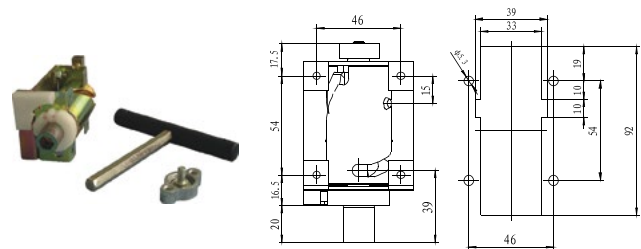
- GPJG-2 Interlock propelling mechanism



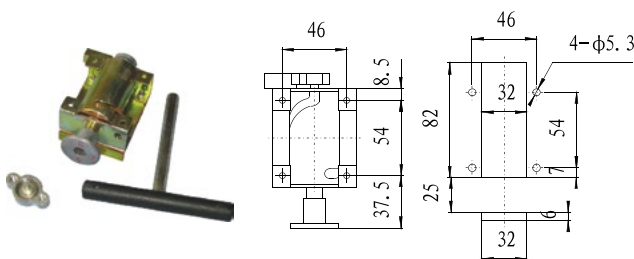
GPJG-2 Door openings dimension



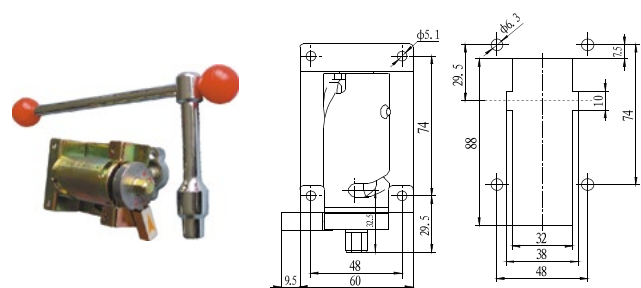
- GPJG-3 Interlock propelling mechanism



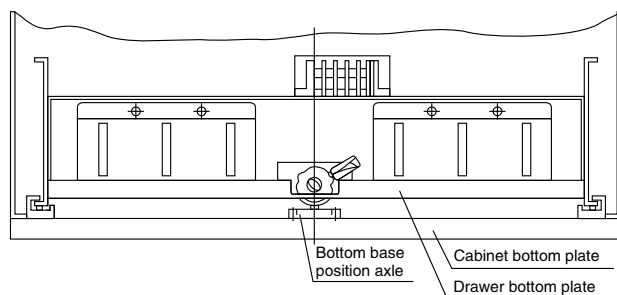
- GPJG-4 Interlock propelling mechanism



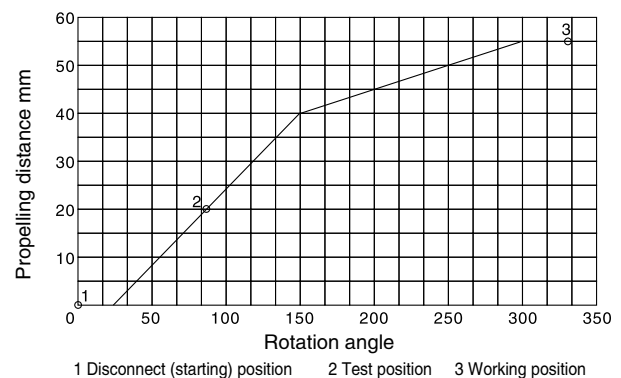
- GPTJ-1 Universal propelling mechanism



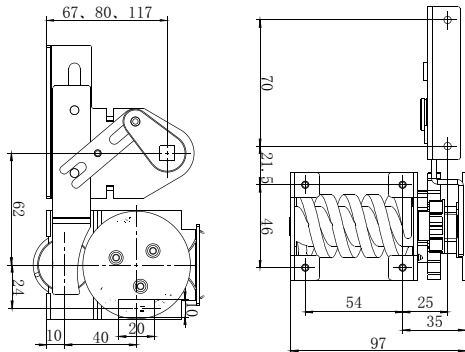
GPTJ-1 Installation dimension



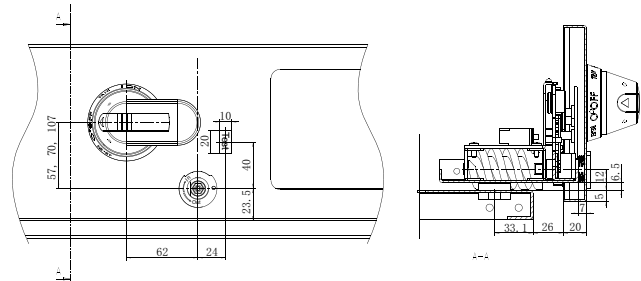
GPTJ-1 three section position schematic curve



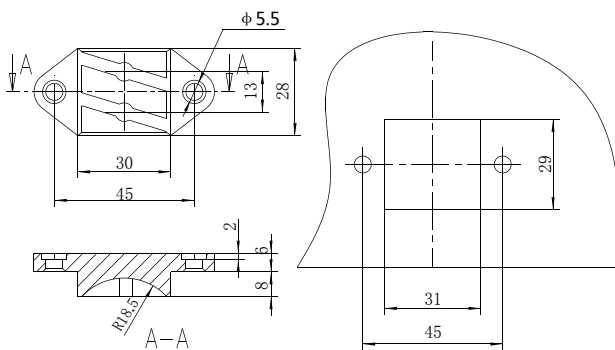
1. GPJG-8 Interlock propelling mechanism



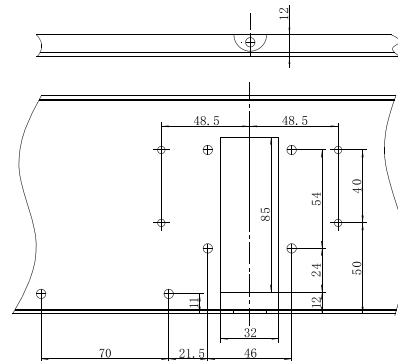
2. Structure diagram of GPJG-8 interlock propelling mechanism



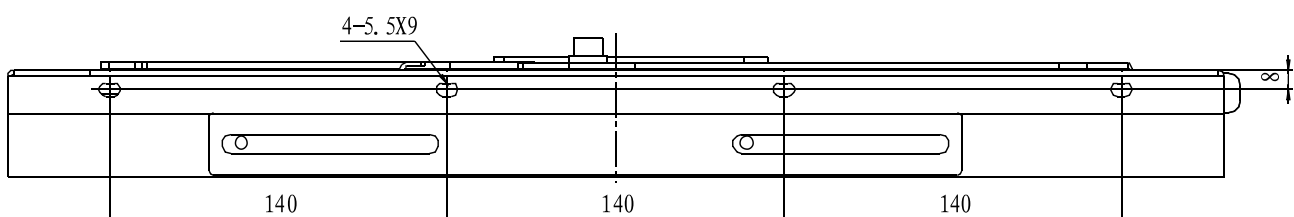
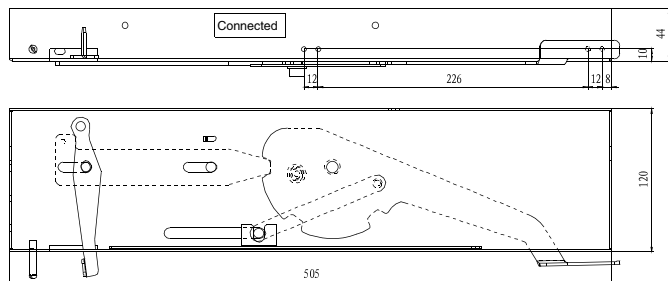
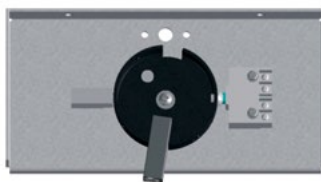
3. Fixed block of GPJG-8 Interlock propelling mechanism



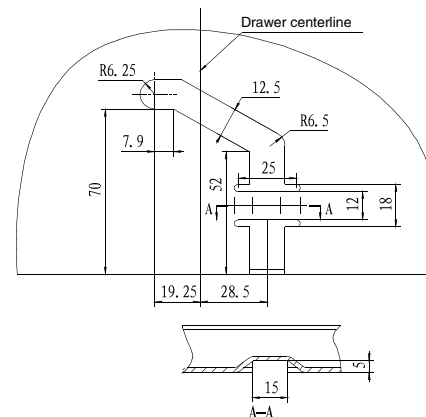
4. Down bracket of GPJG-8 interlock propelling mechanism



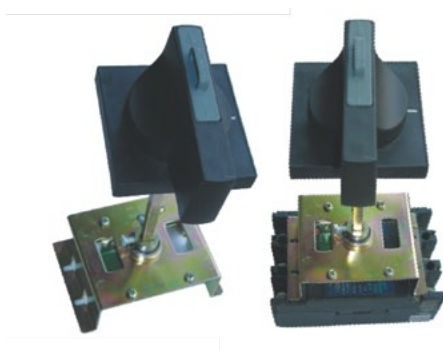
GPPT interlock



Propelling mechanism



● GPZ2-A- □□□



● Model and its meaning

GP Z 2 - □ - □ □ □

Matched breaker type specification code
Handle Specification code (No. 1, No. 2)
Handle type code (points A, B type)
Design No.
Rotary operating mechanism
Company feature code

● GPZ2-B- □□□



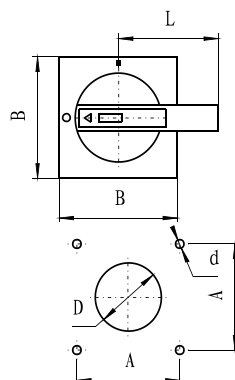
- Features: GPZ2 operating mechanism uses a unique design and rotational structure, which is very reasonably achieve breaker open, closed and then re-buckle. Flexible operation, simple installation, easy adjustment, its performance and quality are better than similar products, the operating mechanism can match with rotating handle of A.B type, beautiful appearance, the user can choose one according to need. Products type tested qualified by the National Center for Quality Supervision center.

- Uses: The mechanism for DZX10, DZ20, CM1, NS, TM30, WS1, GM30, 3VF, TO, TG, H, ABB and other series of moulded case circuit breaker, to achieve drawers operation requirement on the panel of cabinets, power distribution box and power box etc.

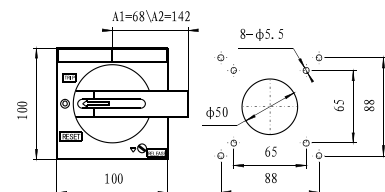
● GPSA-handle



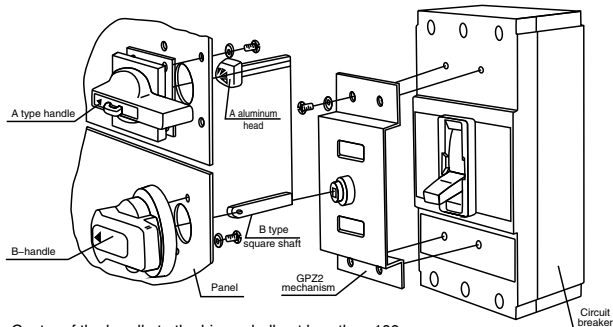
Handle model	A1	A2
D	Φ 42	Φ 63
d	Φ 4.5	Φ 5.5
A	65	89
B	75	100
L	60	140



● A type handle



GPZ2 type operating mechanism installation diagram

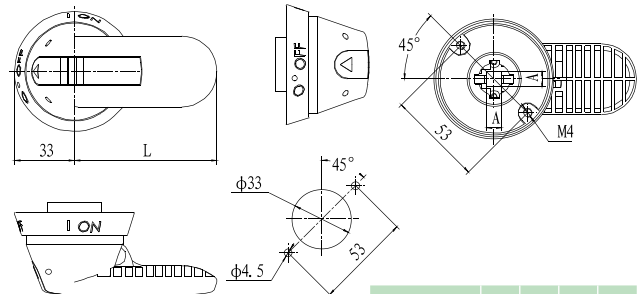


Center of the handle to the hinge shall not less than 100mm
If need under-voltage handle, shall specify when ordering

B-handle (L=65,80,95,125)



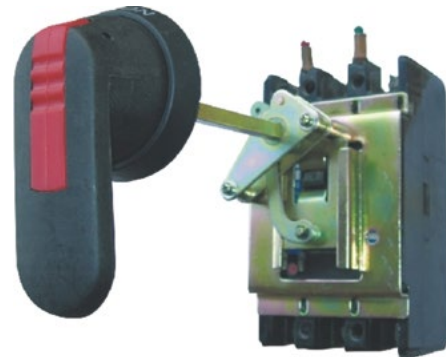
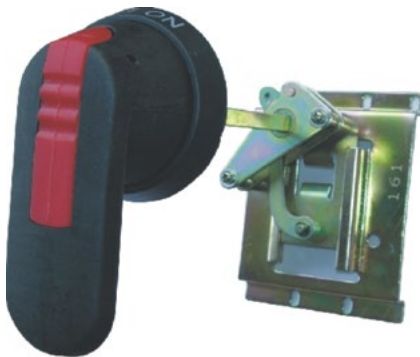
B-handle (grey)



Handle model	B1	B2	B3	B5
L	65	125	95	80
A	8	10	10	8

GPZ3-B- □□□

1. GPZ3 assembly installation view



2. Type and its meaning

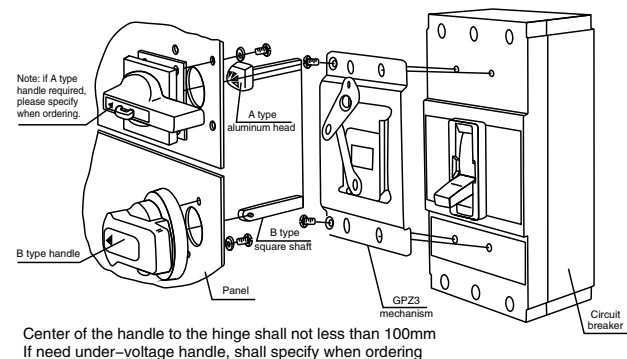
GP Z 3 - B - □□□

- Matched breaker specification and code
- Handle type code (B type)
- Design number
- Rotating operation mechanism
- Company feature code

3. Main purpose and scope of application

The operating mechanism uses the principle of crank slide, by the slide to drive the breaker handle, by rotating the crank handle slide mechanism to implement movement. Achieved breaking, making and re-buckle of the molded case circuit breaker on the panel of the cabinets, distribution cabinet, flexible operation, stable, and suitable for different locations in the configuration.

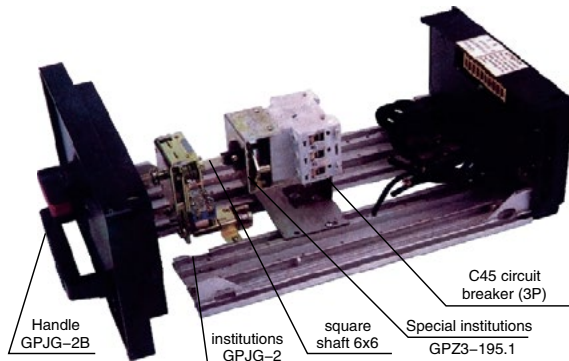
4. GPZ3 type operating mechanism installation diagram



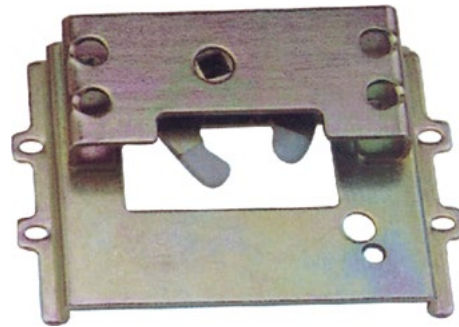
Center of the handle to the hinge shall not less than 100mm
If need under-voltage handle, shall specify when ordering

Propelling mechanism

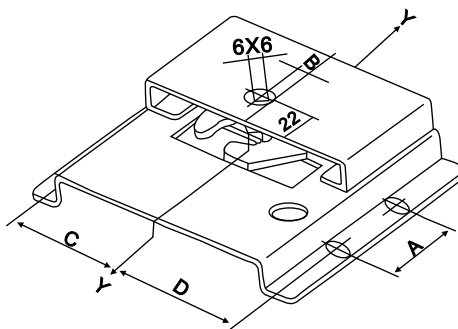
GPJG-2 type mechanism with C65 switch schematic



Match with GPJG-2 type-specific operating mechanism (GPZ3-□)



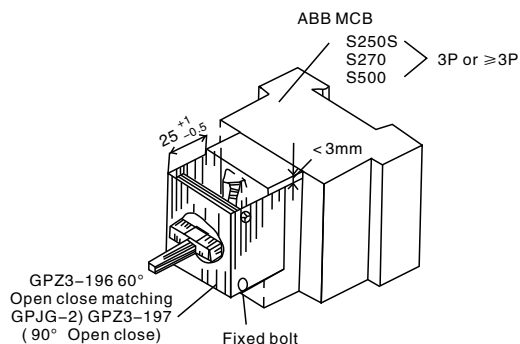
GPZ3-□ operating mechanism mounting dimensions



Features: dedicated mechanism for GPM4 low-voltage drawer cabinet with matching for GPJG-2 type (GPZ3-□□□, GPJG-2B handle is rotated 60° to achieve circuit breaker switching).

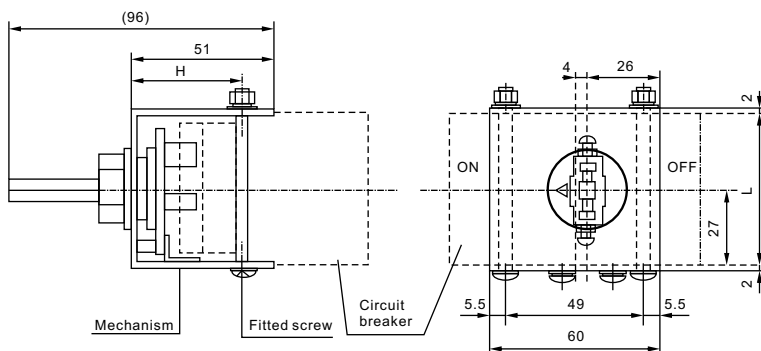
Model	Applicable breaker	Square hole position dimension			
		A	B	C	D
GPZ3-171	CM1-100, TM30-100, SM30-100, GM30-100	30	5	52	52
GPZ3-172	CM1-63LM, SM30H-63, TM30-63	25	5	50	50
GPZ3-173	ABB-S1, ABB-S2, HSM1-125, HSM1-60	30(25 is available)	-5(Y axis on the right)	50	50
GPZ3-178	TG-100BDW	30	10	55	45
GPZ3-196	S250S, S270 S500≥(3P)				
GPZ3-147.1	NS 80H-MA				

Miniature circuit breaker mechanism installation diagram



Model	Applicable breaker	Usage
GPZ3-196	S250 (2-3P)	Applicable for GPM4 cabinet 1/2 Unit 60° Open-Close operation.
	S270 (2-3P)	
	S500 (2-3P)	
GPZ3-197	S250 (2-3P)	Applicable for MLS cabinet or other drawer type cabinet 90° Open-Close operation
	S270 (2-3P)	
	S500 (2-3P)	
GPZ3-240	PKZM series	90° Open-Close operation
	ABB MS series	

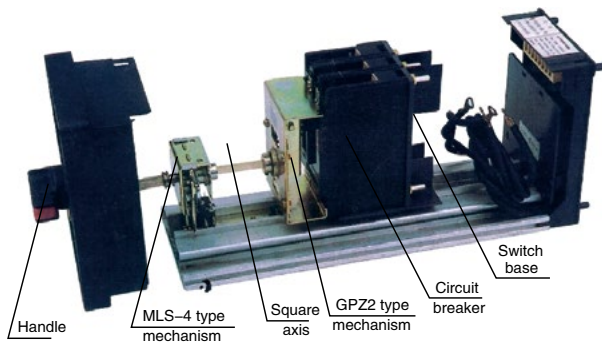
Installation dimension and selection table for C45 and C65 circuit breaker series operation mechanism



Model and installation dimension for C45 and C65 breakers series operation mechanism

No.	Type	CB model	Screw	H	L	Remarks
1	GPZ3-184	C45/3P	M4x65	44	54	Applicable for drawer switchgear equipment of MLS, GPM3 etc.
2	GPZ3-184F	C45/3P +Aux.	M4x75	44	62	
3	GPZ3-184.1	C45/4P	M4x85	40	72	
4	GPZ3-184.4	C65/3P	M4x65	40	54	
5	GPZ3-184.4F	C65/3P +Aux.	M4x75	40	62	
6	GPZ3-184.8	C65/4P	M4x85	40	72	
7	GPZ3-184/L2	C45/2P +leakage	M4x90	44	63+13 (Tube)	
8	GPZ3-184/L3	C45/2P +leakage	M4x106	44	90	

MLS-4 Type operating mechanism with GPM1-63A (3P) Schematic



Feature:

MLS-4 type operating mechanism is special for the drawer less than 8E unit in GPM1 Low-voltage withdrawable switchgear cabinet, by operating handle mounted on the drawer panel in 210 degrees rotation range to achieve the function of switch open, close, testing, and isolation lock.

GPM1-63A Switch base

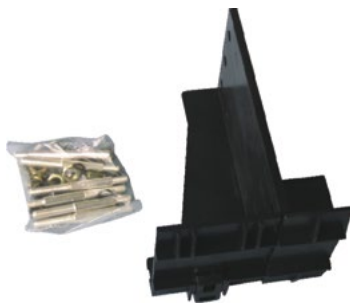


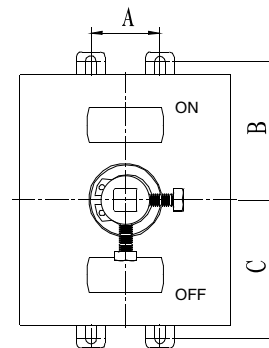
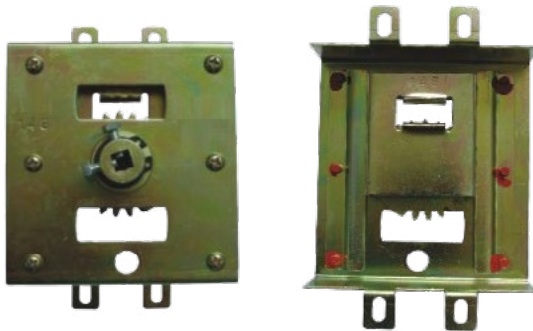
ABB-S1 Switch base



ABB-S2 Switch base

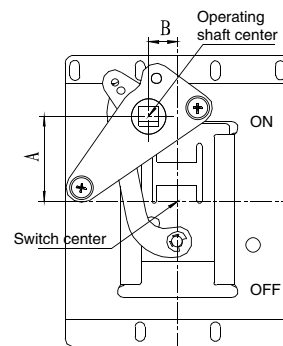
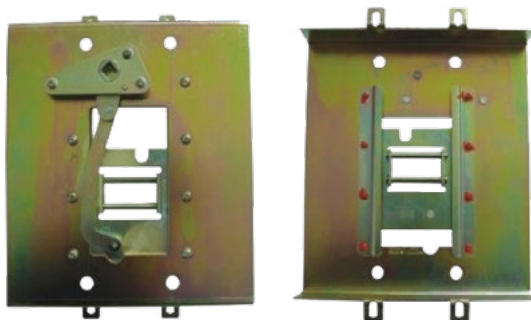


GPZ2 Type operating mechanism mounting dimensions



A, B, C, dimensions refer to the selection table

GPZ3 Type operating mechanism mounting dimensions



A, B dimensions refer to the selection table

Propelling mechanism

● Operation mechanism selection table

Model	Circuit breaker model	Installation size		
		A	B	C
Applicable for ABB S series GPZ2,GPZ3 type operation mechanism				
GPZ3-161.2/4P	ABB S1/4P	27.5	31	8E/2 DRAWER GPM1 CABINET
GPZ2-131	ABB S1(3P)	25	50	50
GPZ2-131A		With switch base, for GPM1 cabinet 8E/4, 8E/2 drawer		
GPZ3-173.1		-5	22	Special for GPM4 1/2 drawer
GPZ3-161.2/A		35	5.5	For GPM1 8E/2 drawer
GPZ3-162.9	ABB S2(4P)	27.5	31	For GPM1 8E/2 drawer horizontal installation
GPZ2-132	ABB S2(3P)	30	50	50
GPZ2-132.1		with switch base, for GPM1 cabinet 8E/4		
GPZ3-173		-5	22	Special for GPM4 1/2 drawer
GPZ3-162.4/A		33.5	11.5	For GPM1 cabinet 8E/2 drawer horizontal installation
GPZ2-133	ABB S3(3P)	35	70	70
GPZ3-1424	ABB S3(plugin type 4P)	40	7	8E/2 drawer
GPZ2-133/4P		70	70	70
GPZ2-140	ABB S4(3P,4P)	35	107	107
GPZ3-2431	ABB S4(4P plugin type)	53	1.5	
GPZ2-140.2		35	107	107
GPZ2-235.1	ABB S5(3P,4P)	45	107	107
GPZ3-292	ABB S5 plugin type , draw-out type switch	53	15	
GPZ2-235/C		45	107	107
GPZ3-186		11.5	26	
GPZ2-236		70	119	119
GPZ3-293	ABB S6(3P,4P)	59	42	
GPZ2-236/C	ABB S6 plugin type , draw-out type switch	70	119	119
GPZ3-188/A		28	41.5	
GPZ2-2357.2	ABB S7 plugin type switch	70	160	160
GPZ3-188/B		28	41.5	
Applicable for (ABB) T series GPZ2, GPZ3 operation mechanism				
GPZ2-1365	T1	25	53	53
GPZ3-171.13		-2	22	GPM4 1/2 drawer
GPZ3-161.9		39	5.5	8E/2 drawer
GPZ2-1363	T2	30	53	53
GPZ3-161.7		39	5.5	8E/2 drawer
GPZ3-171.8		-2	22	GPM4 cabinet 1/2 unit
GPZ3-161.7/4P	T2/4P	39	30	8E/2 drawer
GPZ2-1364	T3	35	54	54
GPZ2-2353	T4	35	88	88
GPZ3-2438		63.5	1.5	
GPZ2-2354		46	88	88
GPZ3-2439	T5	63.5	1.5	
GPZ2-2354/C	mechanism 4, T5S plugin type draw-out type switch			
Applicable for NSD series (Schneider) GPZ2,GPZ3 operation mechanism				
GPZ2-1342	NSD100F/K/E/M	25	55	55
GPZ2-1342.1		Applicable for switch base, For GPM1 8E/2 drawer,8E/4 drawer, please specify the current of the switch		
GPZ2-145	NSD160 250 F/K	35	62.5	62.5
GPZ2-1307.2	NSD160 250E/M	35	63	63
GPZ3-1424.5		40	7	GPM1 8E/2 drawer
GPZ2-246	NSD400	45	100	100
GPZ2-246.1		31.5	2	Eccentric mechanism
GPZ3-296	NSD630	82	15	Eccentric mechanism
GPZ3-172.4	NSD100	3	22	Special for GPM4 1/2 drawer
Applicable for NSE series (Schneider electric) GPZ2,GPZ3				
GPZ2-1342	NSE100E	25	55	55
GPZ2-145	NSE100/160/250/N/S/H	35	62.5	62.5
GPZ2-1409		41	7	4E/2 drawer
GPZ2-145L	NSE100/160/250/N/S/H+vigin	35	62.5	62.5
GPZ2-246	NSE400/630/N/S/H	45	100	100
GPZ2-296		82	15	Eccentric mechanism
GPZ2-246.1	NSE400/630/N/S/H+VIGIN	31.5	2	Eccentric mechanism
GPZ2-246L		45	100	100
GPZ2-246.1L	EZD400 630	31.5	2	Eccentric mechanism
GPZ2-246		45	100	100
GPZ2-246.1		31.5	2	Eccentric mechanism

● Operation mechanism selection table

Model	Circuit breaker model	Installation size		
		A	B	C
	Applicable for NS series (Schneider electric)	GPZ2,GPZ3 operation mechanism		
GPZ2-147		30	50	50
GPZ2-147.1	NS80H-MA	0	-3	Special for GPJG-2 mechanism (in GPM4 cabinet)1/2
GPZ2-147.2		18.5	0	Special for GPM1 8E/2 drawer, Horizontal installation
GPZ2-145	NS100 NS160 NS250	35	35	62.5
GPZ2-1409		41	7	8E/2 drawer
GPZ2-145	NS100-250+VIGI	35	62.5	62.5
GPZ2-145.1	NS100 NS250/4P	70	62.5	62.5
GPZ2-145.1/L	NS100-250/4P+VIGI	35	62.5	62.5
GPZ2-145.2	NS100 NS160 NS250	0	-15	Special for CJG-2 mechanism
GPZ2-246		45	100	100
GPZ2-296	NS400 NS630	82	15	
GPZ2-246.1		31.5	2	Eccentric mechanism
GPZ2-246.4	NS400 NS630/4P	90	97	97
GPZ2-246.5		31.5	-10	Eccentre according to 4P centre
GPZ2-2329		200	100	100
GPZ2-2329.1	NS800 NS1250	31.5	12	Eccentric mechanism
	Applicable for NSC series (Schneider electric)	GPZ2,GPZ3 operation mechanism		
GPZ2-1342	NSC100B 60	25	62.5	62.5
GPZ2-1307.2	NSC 160D 250D	35	62.5	62.5
	Applicable for NF series (Mitsubishi)	GPZ2,GPZ3 operation mechanism		
GPZ2-149	NF30-CS	23.5	42	42
GPZ2-1347		25	55	55
GPZ2-1347.1	NF32-SW	match with switch base, For GPM1 cabinet8E/4, 8E/2 drawer		
GPZ2-172.5		3	22	Special for GPM4 cabinet 1/2 mechanism
GPZ2-1312	NF50-CS NF60-CS	25	48.5	51.5
GPZ2-150	NF30-SP NF50-CP/HP NF63-CW/SW/	25	52.5	58.5
GPZ2-138.11	HW MB30-SP/SW MB50-CP/SP/CW/	21	0	8E/2 drawer
GPZ2-172.2	SW	5	22	Special for GPM4 cabinet 1/2 unit
GPZ2-154	NF100-SP/CP NF50-HRP NF100-HEP/HP NF100-SEP MB100-SP	30	66	66
GPZ2-152	NF160-HP/SP NF160-CW/SW/HW NF250-CP/HP/SP NF250-HEP/SEP NF250-CW/SW/HW MB225-SP	35	63	63
GPZ2-152.2	NF125-HGW/SGW NF250-HGW/SGW NF250-HGW/SGW	35	63	63
GPZ2-1334		30	51	51
GPZ2-1334.1	NF125-CW/SW/HW	For GPM1 cabinet8E/4, 8E/2 drawer, Horizontal installation		
GPZ2-1441		40	31	8E/2 drawer
GPZ2-145.6	NF125-SGW	0	-15	GPM4 1/2 drawer
GPZ2-227.1	NF400-SE/SS/CS NF400-SP MB30-400 NF400-SEP NF400-SW/SWE	128	97.5	97.5
GPZ3-277.1		58	15	
GPZ2-2306		128	97	97
GPZ3-2402	NF400-CP NF400-CW	68	15	
GPZ3-2411	NF400-SP	72	15	
GPZ2-229.1	NF630-CS/SE/SS/SP/HEP/SEP/REP	198	121	121
GPZ3-281.1	NF800-SEP NF800-CEP	68	15	
GPZ2-2331	NF1000/SS NF1250/SS	70	150	225
	Applicable for AB series (LG Electric)	GPZ2、 GPZ3 operation mechanism		
GPZ2-1355		25	55	55
GPZ2-1355.1	ABS53b 33b	match with switch base,For GPM1 cabinet8E/4, 8E/2 drawer		
GPZ3-172.7	ABH-33b	9	24	Special for GPM4 cabinet 1/2 unit
GPZ2-151.2		30	66	66
GPZ3-1429	ABH103b ABS103b	36	15	8E/2 drawer
GPZ3-171.12	ABH53B	4	22	Special for GPM4 cabinet 1/2 unit
GPZ2-1341	ABL103a ABL53a	35	66	66
GPZ2-156	ABH/L-225A ABL203a	35	63	63
GPZ2-156.1	ABL-50A/100A	35	66	66
GPZ2-156.2	ABE/S-225A ABH203b ABS203b	35	66	66
GPZ2-2308.1	ABH/S/L/E403a	128	108	108
GPZ2-2417	EBH404	72	15	
GPZ2-2310.2	ABS603a ABS803a	198	121	121
GPZ2-2430	ABL803a GBH803E	69	15	
GPZ2-1343		30	60	60
GPZ2-164	GBH103 GBN103	45	11.5	8E/2 drawer
GPZ2-1344	GBN/H203 GBL103/203E	35	71	71

Propelling mechanism

● Operation mechanism selection table

Model	Circuit breaker model	Installation size		
		A	B	C
GPZ2-2345.1	ABS1003	70	180	180
GPZ2-151.5	EBH54 EBH104b	30	76	76
GPZ2-156.4	EBH204b	35	73	73
Applicable for 3VL series (Siemens)GPZ2, GPZ3 operation mechanism				
GPZ2-1321	3VL-160X(3VL1XXX)	35	61	52
GPZ2 -1321.1		0	-15	Special for GPM4 cabinet 1/2 unit
GPZ3-1425		40	7	8E/2 drawer
GPZ2-1320	3VL-160/250 (3VL2XXX and 3VL3XXX)	35	61	71
GPZ2-1320.1		0	-15	Special for GPM4 cabinet 1/2 unit
GPZ3-1420		46.5	7	8E/2 drawer
GPZ2-2324.2	3VL-400(3VL4XXX)	44.5	123.5	123.5
GPZ3-2427		46	15	
GPZ2-2311	3VL-630(3VL5XXX)	63.5	126	122
GPZ3-290		55	15	
Applicable for 3VF series (Siemens)GPZ2, GPZ3 operation mechanism				
GPZ3-141	3VF1	35	75	75
GPZ3-142	3VF2(3P, 4P)	25	45	45
GPZ3-143	3VF3(3P, 4P) FW40K	35	57.5	57.5
GPZ3-1433		36	7	8E/2 drawer
GPZ3-144	3VF4(3P, 4P)	35	94	100
GPZ3-2429		53	1.5	
GPZ3-155	3VF5(3P)	127	114	100
GPZ3-2407		62	15	
GPZ3-155.1	3VF5(4P)	127	114	100
GPZ3-2401	3VF6(3P, 4P)	69	15	
GPZ3-2324.1		70	121	121
GPZ3-257	3VF7	70	205	169
Applicable for H series (Hager Electric)GPZ2, GPZ3 operation mechanism				
GPZ2-148	H126(HH443-447)	25	41	41
GPZ3-173.7		-3	22	match with GPM4 cabinet 1/2 unit
GPZ2-143	H226(HN54-552 HH548)	35	57.5	57.5
GPZ2-144		35	114	100
GPZ3-2429	H251	53	1.5	
GPZ2-155	H400(HN702 703)	127	114	100
GPZ3-2407		62	15	
GPZ2-2319.1	H630	70	121	121
GPZ3-2401.2	H630	69	15	
Applicable for H series (Hager Electric)GPZ2,GPZ3 operation mechanism				
GPZ2-154.3	H125(HDA016-125) (HHA016-125)	30	66	66
GPZ3-1430.1		37	11.5	8E/2 drawer
GPZ3-171.2	(HNA016-125)	5	22	Special for GPM4 cabinet 1/2 unit
GPZ2-154.4	H250(HHB125-250) (HNB125-250)	35	66	66
GPZ3-1431.1		35	11.5	8E/2 drawer
GPZ2-2335.2	HNC400(HNC250-400)	45	107.5	107.5
GPZ3-2414.6		74	15	
GPZ2-2310.14	t800(th)(HND500-800)	198	121	121
GPZ3-2401.3		69	15	
Applicable for HBC series (Hager Electric)GPZ2, GPZ3 operation mechanism				
GPZ2-154.3	HBC100(HEE032-100)	30	66	66
GPZ2-154.4	HBC250(HEF125-250)	35	66	66
GPZ2-227.1	HBC400(HEG400)	128	97	97
Applicable for NV series (General Electric)GPZ2 operation mechanism				
GPZ2-1356	NDV160 FD63/160	27	55	55
GPZ2-1356.1		26	0	For 8E/2 Drawer GPM1 Cabinet, Horizontal installation
GPZ3-161.12		36	27	8E/2 drawer
GPZ3-172.11	NE250	9	24	GPM4 1/2
GPZ2-1357		35	63.5	63.5
GPZ2-1357.1	FE250 FE160	35	63.5	63.5
GPZ2-246.8	FG400/630	45	101	101
GPZ2-246.9		31.5	2	Eccentric mechanism
Applicable for BO system(Taian electric)GPZ2, GPZ3 operation mechanism				
GPZ2-101.1	BO-100	30	62	62
GPZ2-154.2	BO125SB	30	66	66
GPZ2-1330.1	B0125S	30	63	63
GPZ2-110.1	B0225S	30	62	62
GPZ3-169.2/A	BO250 B0225H	35	31	8E/2 drawer

● Operation mechanism selection table

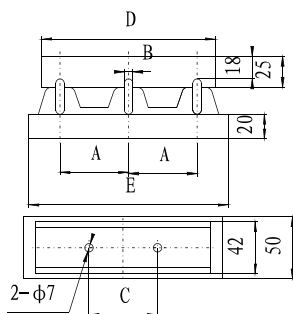
Model	Circuit breaker model	Installation size		
		A	B	C
GPZ2-207.1	BO-400S	45	105	109
GPZ2-2310.3	BO-600S	198	121	121
Applicable for Terasaki (XS) series GPZ2, GPZ3 operation mechanism				
GPZ2-150		25	55	55
GPZ3-172.7	XS50NB	9	24	Special for GPM4 cabinet 1/2 unit
GPZ3-161.10		39	5.5	8E/2, Horizontal installation
Applicable for Fuji series GPZ2, GPZ3 operation mechanism				
GPZ3-1416	EA33	25	29.5	29.5
GPZ2-149.1	EA33AC EA53C EA103C SA33C SA53C SA53RC	25	42	42
GPZ3-172.10	SA63C SA63RC	10	22	GPM4 1/2 drawer
GPZ2-150	SA53R SA60R SA60B EA60	25	52.5	58.5
GPZ2-151	SA102B SA103R H53B H103B	30	66	66
GPZ2-151.3	SA103BA	30	66	66
GPZ2-151.6	SA103RC	30	66	66
GPZ2-150/SK	EA53B EA103BM	25	52.5	58.5
GPZ2-152	SA203BSA203RH2038 H203RH103R	35	63	63
GPZ2-152.7	SA203BA	35	63	63
GPZ2-152.5	SA203RC	35	63	63
GPZ2-152.1	EA203B	35	63	63
GPZ2-253	H403B SA403R EA403B	128	108	108
GPZ3-2414.3	SA203BA SA403RC	74	15	
Applicable for BM(Shihlin switch) GPZ2、GPZ3 operation mechanism				
GPZ2-150.4	BM50-SBCBHS/BM-30CN,	25	52.5	58.5
GPZ2-138.10	SNSB60CN60HN60HS		Special for 8E/2 DRAWER GPM1 CABINET(wiring before plate)	
GPZ3-172.7	100CN100SN	9	24	Special for GPM4 cabinet 1/2 unit
GPZ2-1352.1		30	52	52
GPZ3-171.11	BM60-HBN BM100-HN	5	22	Special for GPM4 cabinet 1/2 unit
GPZ2-127.9		30	65	65
GPZ3-1426.3	BM100-SB CB HB 125HB	35	11.5	8E/2 drawer
GPZ2-152.3	BM100H/HC/CBBM225/H6	35	63	63
GPZ3-162.5	BM250/HC/HB	35	31	8E/2 drawer
GPZ2-152.8	BM250-SBCB,CN,SN HN BM160-CN.SNHN	35	63	63
GPZ2-227.6	BM400/CA/	44	97	97
GPZ3-277.8	CTA/HS/HC	68	15	
GPZ2-227		128	97	97
GPZ3-277.6	BM400HN/SN	68	15	
GPZ2-229.3	BM800-H/HC/SN	198	121	121
GPZ3-281.9	600SN/CN/HN	68	15	
GPZ2-229.7	BM400S BM600CA/	70	121	121
GPZ3-293.2	CTA/S/HC/800SB	59	42	
GPZ2-2311.1	BM800/1000/1200/1600HS	70	128	108
Applicable for 3VT(Siemens) switch GPZ2 GPZ3 mechanism				
GPZ2-131	3VT63(3VT80)	25	50	50
GPZ3-161.4	3VT100(3VT81)	35	5.5	8E/2 drawer
GPZ3-173.6		-3	22	Special for GPM41/2 unit
GPZ2-132		30	50	50
GPZ3-162.4/A	3VT160(3VT82)	33.5	11.5	8E/2 drawer
GPZ2-133.1		35	70	70
GPZ3-1424	3VT250(3VT83)	40	7	8E/2 drawer
GPZ2-235.1		45	107	107
GPZ3-292.1	3VT400(3VT84)	53	15	
GPZ2-236.2		70	119	119
GPZ3-293	3VT630(3VT85)	59	42	
Applicable for Record MC (HC) series GPZ2、GPZ3 operation mechanism				
GPZ2-131.3	Record MC100	25	55	55
GPZ3-161.6	(HC-10Q)	40	5.5	8E/2 DRAWER GPM1 CABINET
GPZ2-132.6	Record MC160 (HC-160)	30	55	55
GPZ2-133.1	Record MC250 (HC-250)	35	70	70
GPZ2-235.1	Record MC400	45	107	107
GPZ3-292.3	(HC-400)	53	15	
Applicable for BCM6 series GPZ2、GPZ3 operation mechanism				
GPZ2-138	BCM6-63	25	48.5	51.5
GPZ2-126	BCM6-100	30	52	52
GPZ2-127	BCM6-160,225	35	71	71
GPZ2-237	BCM6-400L	138	97	97
GPZ2-228	BCM6-400M, BCM6-630L,M	168	98	102

Bus holder/Insulator

GPP1 Small bus holder



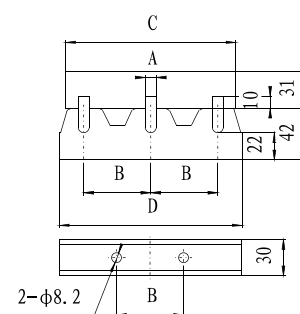
Model	A	B	C	D	E
GPP1-55x7	55	7	55	140	160
GPP1-55x8.5	55	8.5	55	140	160
GPP1-60x7	60	7	60	160	170
GPP1-60x8.5	60	8.5	60	160	170
GPP1-50x8.5	50	8.5	50	140	160



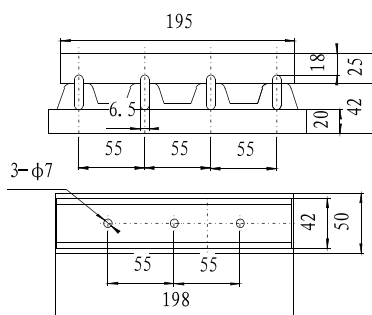
GPP2 Small bus holder



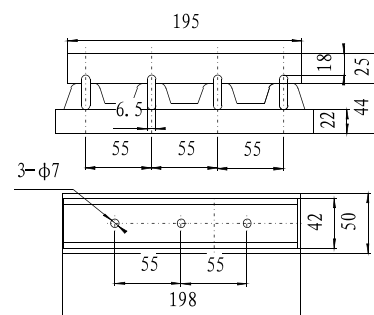
Model	A	B	C	D
GPP2-55x7	7	55	140	150
GPP2-55x9	9	55	140	150
GPP2-60x7	7	60	150	160
GPP2-60x9	9	60	150	160



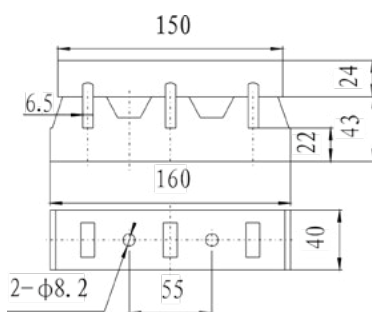
GPP3 Small bus holder



GPP3-2 Small bus holder



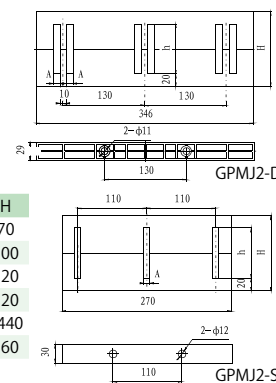
GPG2 Small bus holder



GPMJ2



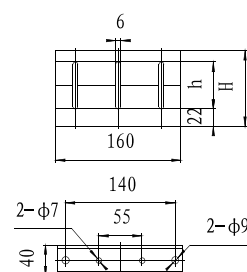
GPMJ2-S	A	h	H	GPMJ2-D	A	h	H
4x40	4	40	80	5x50	5	30	70
5x50	5	50	90	6x60	6	60	100
6x60	6	60	100	8x80	8	80	120
8x80	8	80	120	10x80	10	80	120
10x80	10	80	120	10x100	10	100	140
10x100	10	100	140	10x120	10	120	160
10x120	10	120	160				



GPMJ3S Bus holder



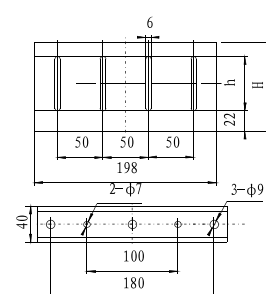
Model	h	H
GPMJ3S-6x30	30	67
GPMJ3S-6x40	40	77
GPMJ3S-6x50	50	87
GPMJ3S-6x60	60	97
GPMJ3S-6x80	80	117
GPMJ3S-6x100	100	137



GPMJ3S/4 Bus holder



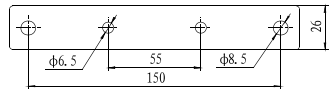
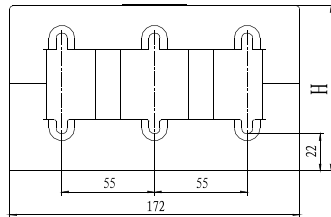
Model	h	H
GPMJ3S/4-6x30	30	57
GPMJ3S/4-6x40	40	67
GPMJ3S/4-6x50	50	87
GPMJ3S/4-6x60	60	97
GPMJ3S/4-6x80	80	117



● GPMJ4 Three phase (3P) bus holder



Model	H
GPMJ4-6x120/3	160
GPMJ4-6x100/3	140
GPMJ4-6x80/3	120
GPMJ4-6x60/3	100
GPMJ4-6x50/3	90
GPMJ4-6x40/3	80
GPMJ4-6x30/3	70

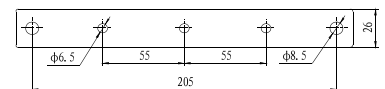
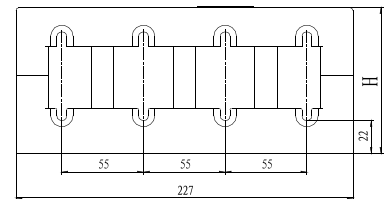


Note: Each set of bus holder is equipped bus bracket 6 pieces
Please specify the total number of bus holder and its bus bracket.

● GPMJ4 Four phase (4P) bus holder

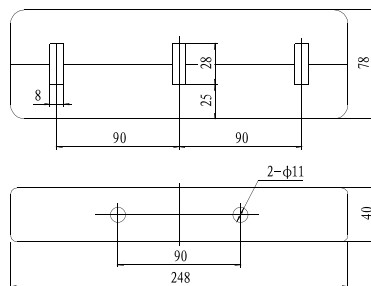


Model	H
GPMJ4-6x120/4	160
GPMJ4-6x100/4	140
GPMJ4-6x80/4	120
GPMJ4-6x60/4	100
GPMJ4-6x50/4	90
GPMJ4-6x40/4	80
GPMJ4-6x30/4	70

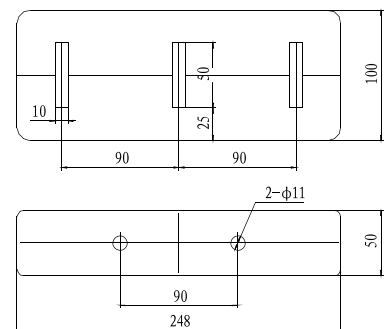


Note: Each set of bus holder is equipped bus bracket 6 pieces
Please specify the total number of bus holder and its bus bracket.

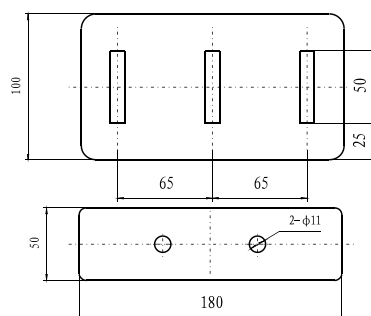
● GPC-8 Large bus holder



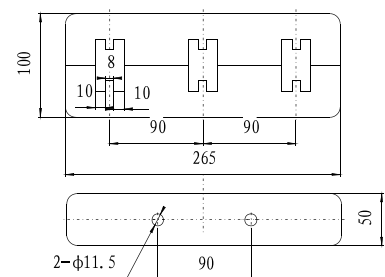
● GPC-10 Large bus holder



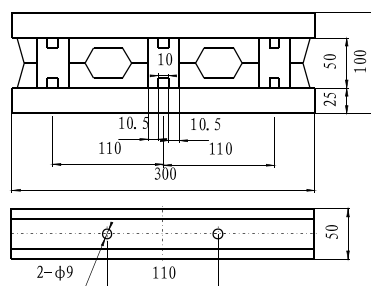
● GPC-8A Small bus holder



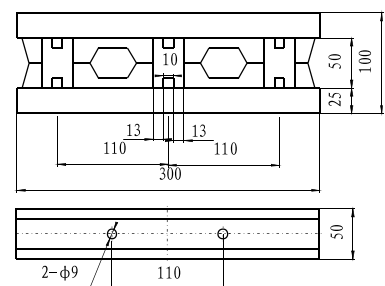
● GPC-10X2 Double bus holder



● GPC-10C Large holder

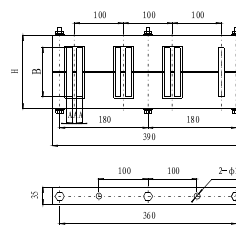
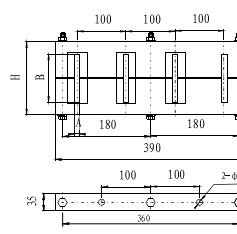
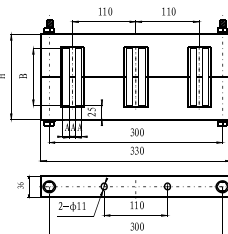
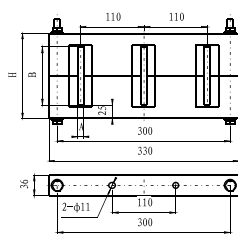
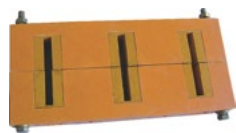


● GPC-13 Large holder



Bus holder/Insulator

● GPMJ3 Single bar, Double bar ($\leq 2500A$)

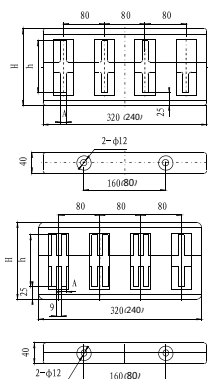


● GPMJ3-4



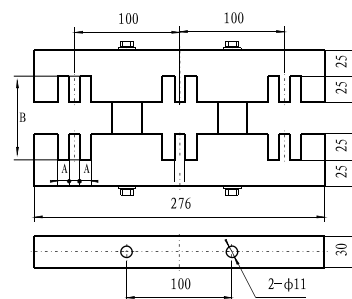
Model	6x60/D(S)	6x80/D(S)	6x100/D(S)	8x60/D(S)	8x80/D(S)	8x100/D(S)	10x60/D(S)	10x80/D(S)	10x100/D(S)	10x120/D(S)
A	6	6	6	8	8	8	10	10	10	10
B	60	80	100	60	80	100	60	80	100	120
H	110	130	150	110	130	150	110	130	150	170

● GPMJ5 GPM3 Busbar holder, single bar, double bar, 4P



Model	A	h	H
4x40/D(S)	4	40	90
6x60/D(S)	6	60	110
8x80/D(S)	8	80	130
10x100/D(S)	10	100	150
10x120/D(S)	10	120	170

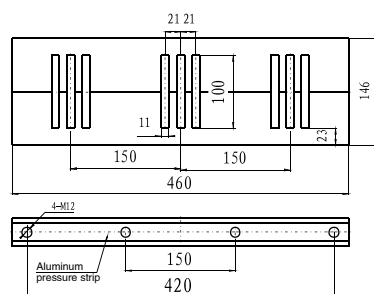
● GPMJ6 Busbar holder



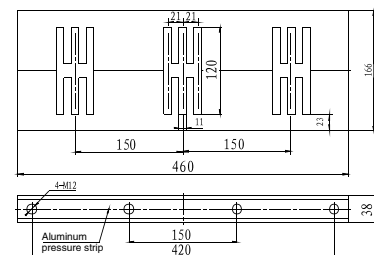
Busbar thickness:
6mm A=7mm
8mm A=9mm
10mm A=11mm
12mm A=13mm
B=Busbar (50,60,80,100,120)

Please specify the model and specification when ordering.

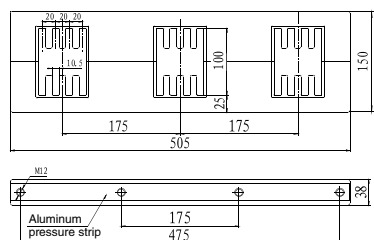
● GPMJ8 3x10x100/3 busbar holder (For 3150A)



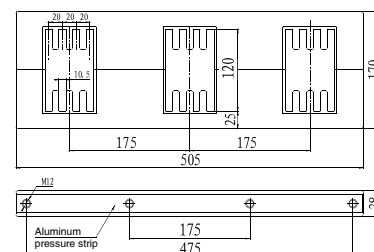
● GPMJ8-3x10x120/3 (For 4000A)



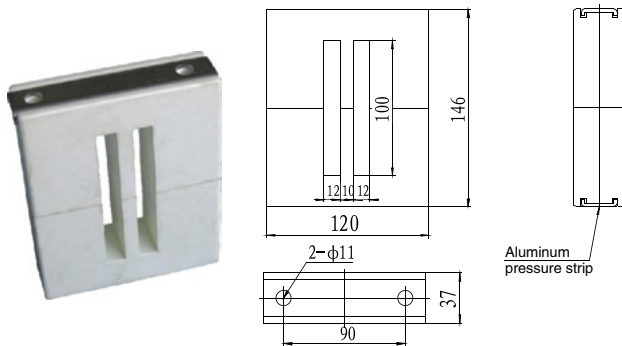
● GPMJ10-4x10x100/3 (For 4500A)



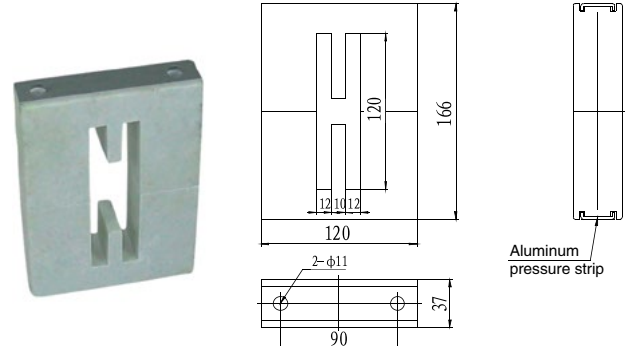
● GPMJ10-4x10x120/3 (For 5000A) GPMJ10-4x12x125/3 (For 6300A)



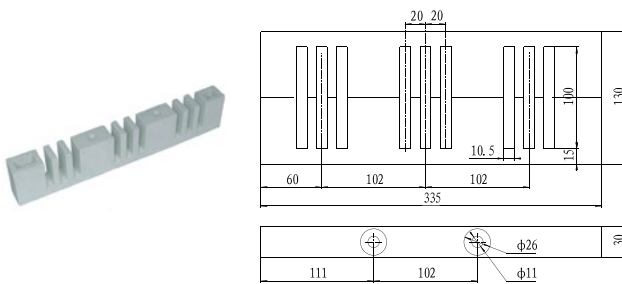
● GPMJ9-2x12x100 Zero-line frame



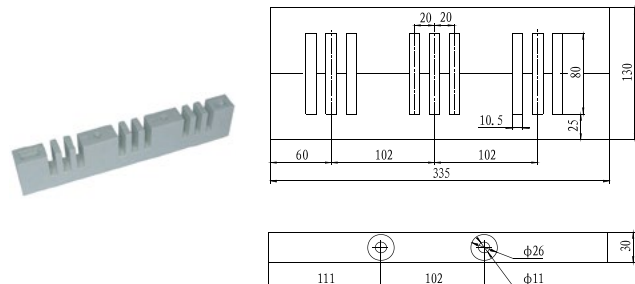
● GPMJ9-2x12x120 Zero-line frame



● GPMJ7 80kA Horizontal bus holder (Pole distance 10mm) 3x10x100



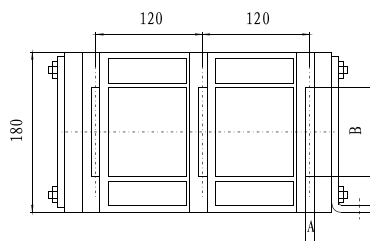
● GPMJ7 80kA Horizontal bus holder (Pole distance 10mm) 3x10x80



● GPMJ1 Bus holder



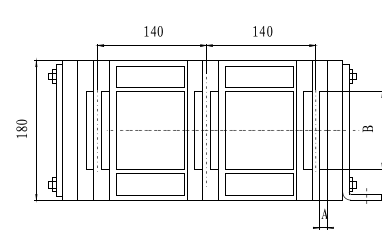
Specification	A	B
4x40	4	40
5x50	5	50
6x60	6	60
10x60	10	60
8x80	8	80
10x80	10	80
10x100	10	100
10x120	10	120



● GPMJ1A Bus holder



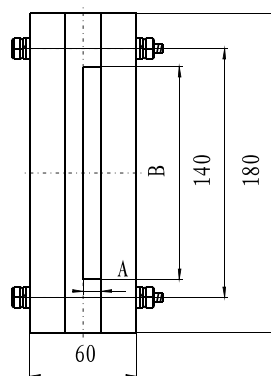
Specification	A	B
4x40	4	40
5x50	5	50
6x60	6	60
10x60	10	60
8x80	8	80
10x80	10	80
10x100	10	100
10x120	10	120



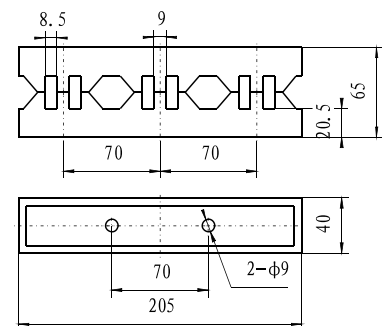
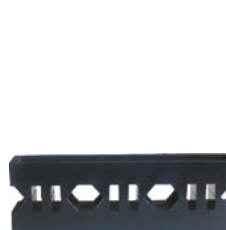
● GPMJ0 Zero-line holder



Specification	A	B
4x40	4	40
5x50	5	50
6x60	6	60
10x60	10	60
8x80	8	80
10x80	10	80
10x100	10	100
10x120	10	120

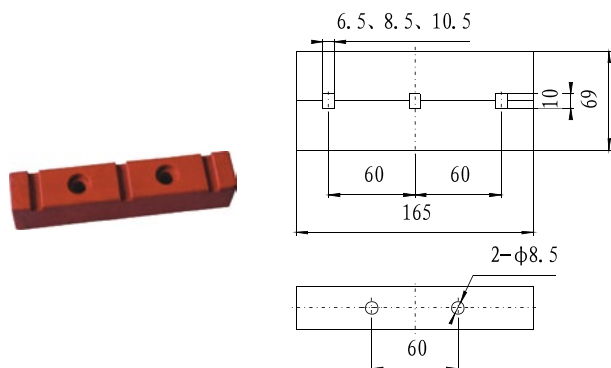


● GPMJ3A Bus holder

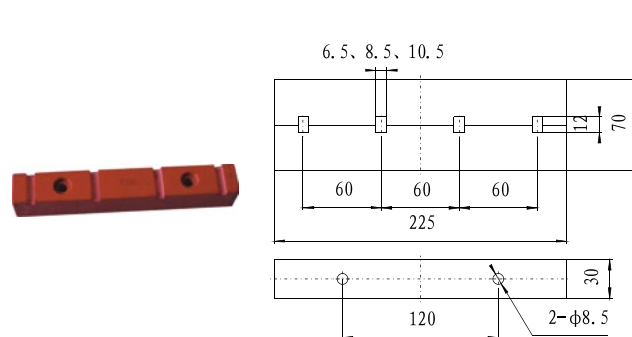


Bus holder/Insulator

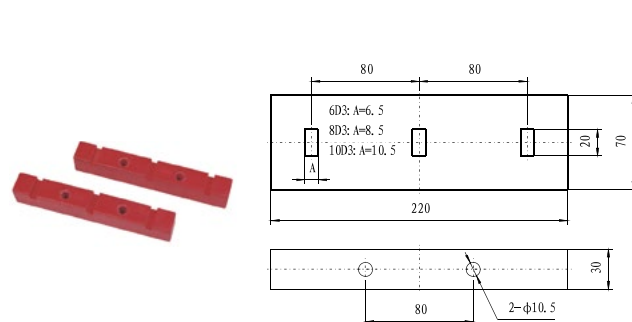
● GP6D3 (8D3,10D3)-60 Centre distance



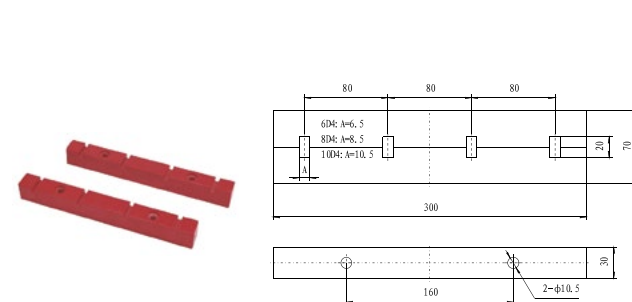
● GP6D4(8D4,10D4)-60 Centre distance



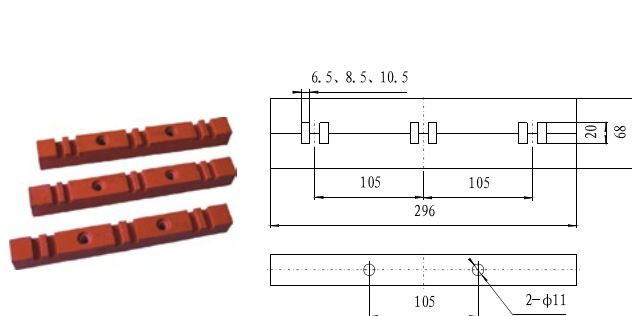
● GP6D3(8D3,10D3)-80 Centre distance



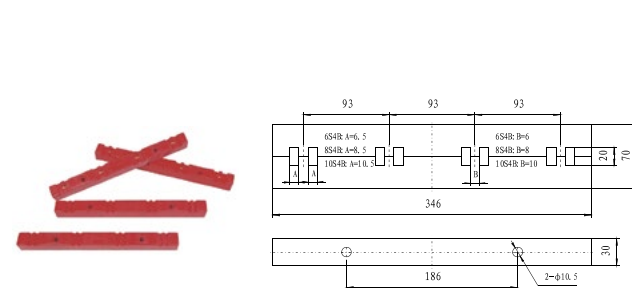
● GP6D4(8D4,10D4)-80 Centre distance



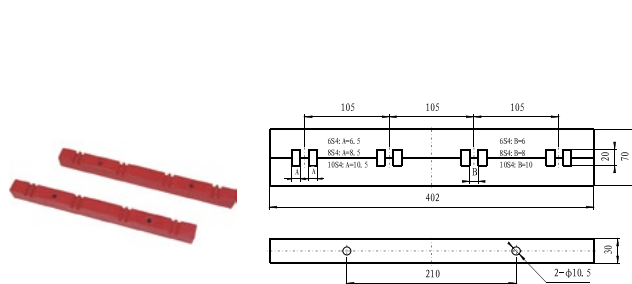
● GP6S3(8S3,10S3)-105 Centre distance



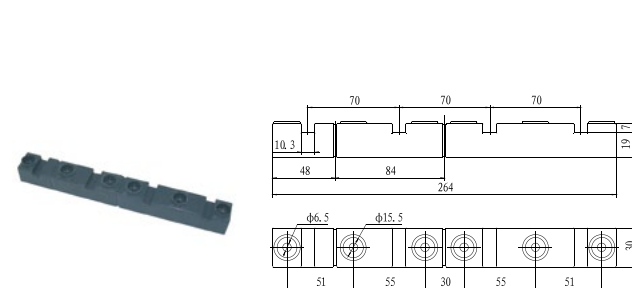
● GP6S4B; 8S4B; 8S4B Inside screw; 10S4B-93 Centre distance



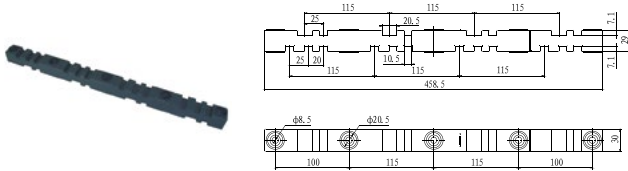
● GP6S4 8S4 10S4-105 Centre distance



● GP87325 Busbar holder / (2 pcs/bag)



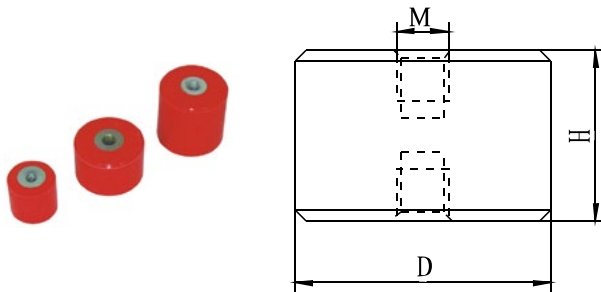
● GP87277 Busbar holder / (1 pc/bag)



● GP-3B10-270 Busbar holder
GP-N10-120 Busbar holder

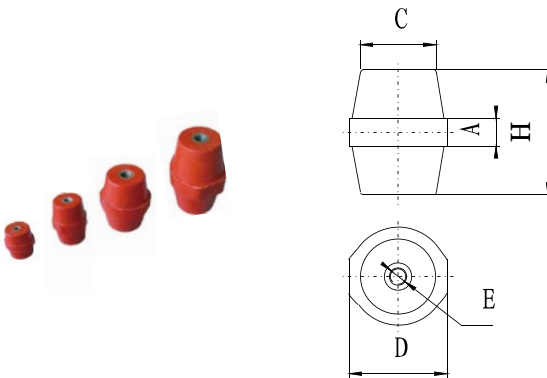


● GPM Insulators for GPM1 switchgear



Model	D	H	M	Screw depth
Φ 16x20(25,30,35,40)	16	20,25,30,35,40	M6	8mm
Φ 25x25(30,40,50)	25	25,30,40,50	M6	8mm
Φ 30x30(40,50,60)	30	30,40,50,60	M6	8mm
Φ 40x40(50,60,70)	40	40,50,60,70	M8,M10	13mm
Φ 50x50(60,70,80)	50	50,60,70,80	M10,M12	13mm
Φ 60x40(60, 80,100)	60	40,60, 80, 100	M10, M12	13mm
Φ 70x70(80, 90, 100)	60	70, 80, 90, 100	M16	20mm

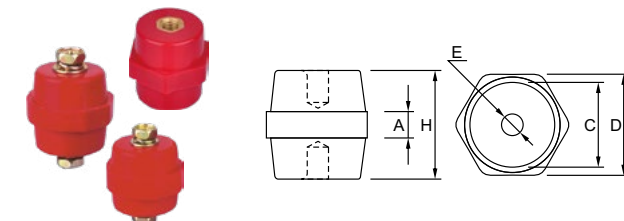
● GPT Insulators



Model	A	H	C	D	E	Screw depth
GPT-100	20	100	60	65	M10	20mm
GPT-76	15	76	36	50	M10	13mm
GPT-70	18	70	38	44	M10	13mm
GPT-65	13	65	38	44	M10	13mm
GPT-60	13	60	36	47	M10	13mm
GPT-51	11	51	30	36	M8	13mm
GPT-45	10	45	30	36	M8	10mm
GPT-40	10	40	33	40	M8	10mm
GPT-35	10	35	28	32	M8	10mm
GPT-30	10	30	27	32	M6,M8	9mm, 10mm
GPT-25	10	25	26	30	M6	9mm
GPT-25S	6	25	15	19	M6	8mm
GPT-20	5	20	15	17	M5	7mm

Note: Any special requirement, please specify.

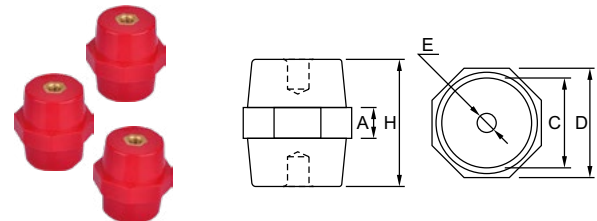
● GPM Insulators



Model	A	H	C	D	E	Screw depth
GPM-76	17.5	76	48	52	M10	13mm
GPM-51	13.5	51	34	37	M8	10mm
GPM-35	8.3	35	30	33	M8	12mm
GPM-20	5	20	17	22	M5	7mm

Note: Please specify with or without screws when ordering.

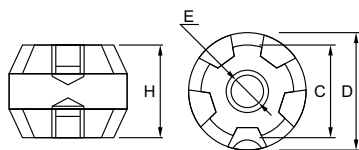
● GPS Insulators



Model	A	H	C	D	E	Screw depth
GPS-60	12	60	54	60	M10	13mm
GPS-50	10	50	44	50	M10	13mm
GPS-45	10	45	36	42	M8,M10	10mm, 13mm
GPS-38	10	38	30	32	M6, M8	9mm, 10mm

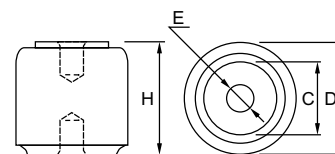
Bus holder/Insulator

● GPU-35 Insulators



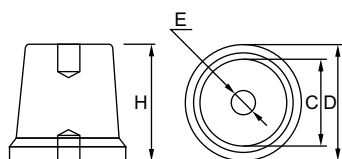
Model	H	C	D	E	Screw depth
GPU-35	35	35	45	3/8	12mm

● GPE Insulators



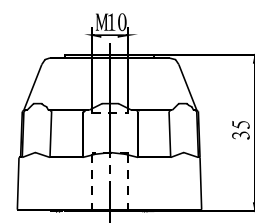
Model	H	C	D	E	Screw depth
GPE-30x30	30	18	30	M6	10mm
GPE-30x40	40	18	30	M6	12mm
GPE-40x40	40	26	40	M8	13mm
GPE-30x60	60	26	30	M10	15mm
GPE-50x40	40	31.5	50	M10	13mm
GPE-60x60	60	46	60	M12	14mm

● GPC Insulators



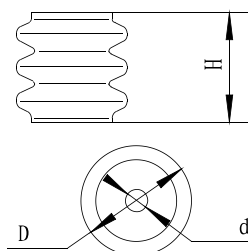
Model	H	C	D	E	Screw depth
GPC-25	25	21	25	M6	9mm
GPC-30	30	24	30	M6, M8	9mm, 12mm
GPC-40	40	30	40	M8	12mm
GPC-50	50	40	50	M8, M10	M12, M15
GPC-60	60	45	60	M10, M12	15mm, 18mm

● GP8 Insulators



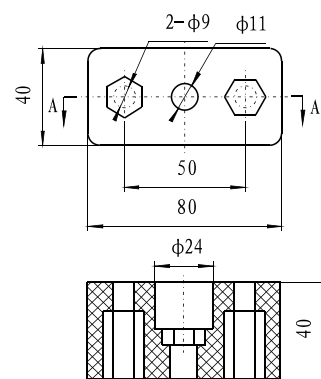
Model	H	Screw
GP87643	35	M10
GP87642	35	M8

● GPB Insulator

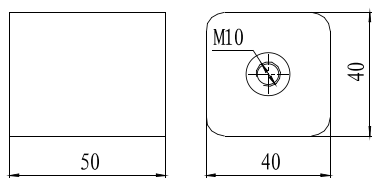


Specification	GPB-47x47	GPB-30x30
H	47	30
D	47	30
d	M10	M6

● GPR-40x80x40 Square Insulator



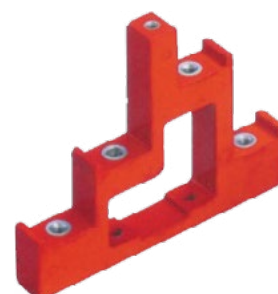
● GPR-40x40x50 Square Insulator



● GPR-A1 Step insulator



● GPR-A2 Step insulator



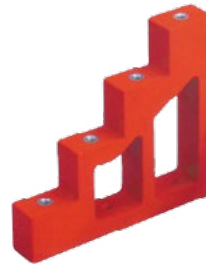
● GPR-A3 Step insulator



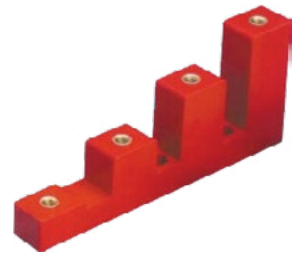
● GPR-A4 Step insulator



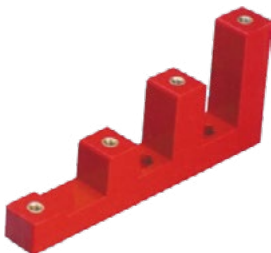
● GPR-A5 Step insulator



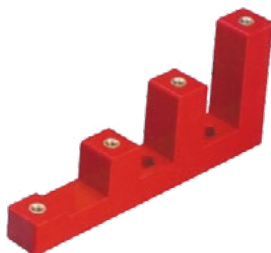
● GPR-A6 Step insulator



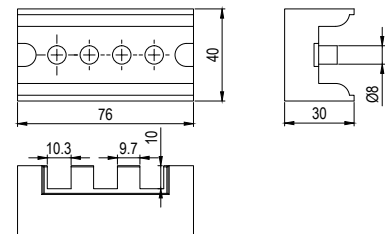
● GPR-A7 Step insulator



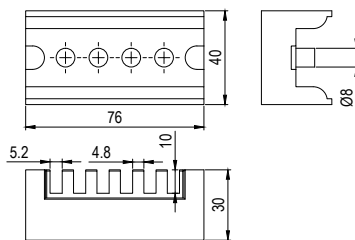
● GPR-A8 Step insulator



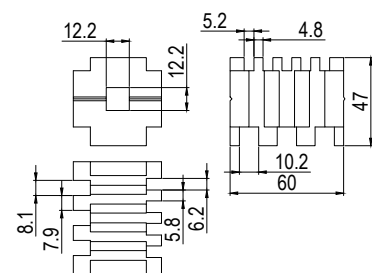
● GPJV-5 Busbar holder



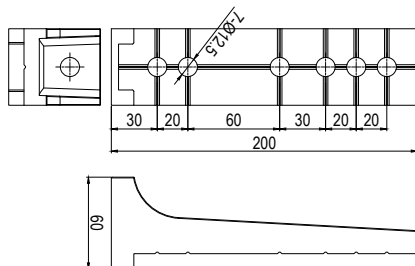
● GPJV-10 Busbar holder



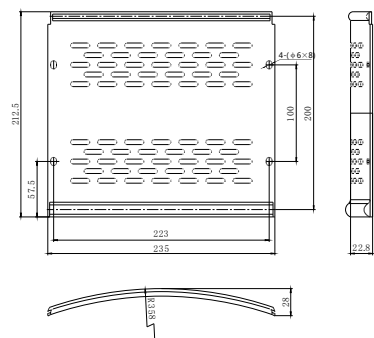
● L size upright holder



● Busbar holder



● Vertical bus rear cover plate



GPM1 accessories

● GPM1 low-voltage withdrawable switchgear

GPM1 low-voltage withdrawable switchgear is ABB's advanced low-voltage switchgear technology.

GPM1 is a modular, multi-functional low voltage distribution cabinet in the world more than 40 years of operating history, widely used in metallurgy, petroleum, chemical, industrial and mining enterprises, and infrastructure for all occasions that require high reliability low-voltage systems, power distribution and motor control systems.

This device is a standard module factory assembled modular low-voltage switchgear for AC 50-60Hz, rated working voltage 600V and below power system for power generation, transmission, distribution, power conversion and power consumption control of the equipment used.

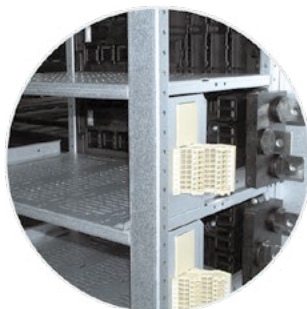
GPM1 cabinet has highly flexible, can be installed in a variety of models and specifications of components according to specific needs and different occasions. Alternatively, you can depending on the various types of electrical equipment feeding unit mounted in the same column or the same cabinet as feeder circuits and motor control circuits can be mixed together.

GPM1 low-voltage withdrawable switchgear is a full range of low-voltage switchgear, low-voltage system is suitable for all rated current 5000A or less.

Drawers: 8E/4, 8E/2, 8E, 12E, 16E, 20E, 24E for cabinet plan and various options.



8E/4~8E/2 cabinet view



8E~24E cabinet view

● 16E drawer



● 8E/4 drawer



● 8E/2 drawer



● 24E drawer



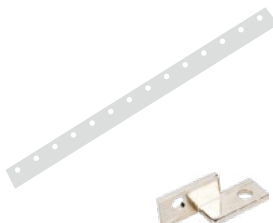
● 8E drawer



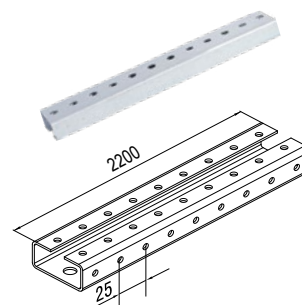
● GLBS 300 166 L-type vertical busbar



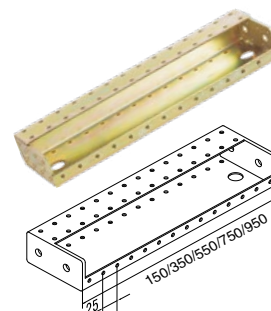
● N bus GLBS 300 167P1 L=1950 N bus connection part GLBS 300 536P1



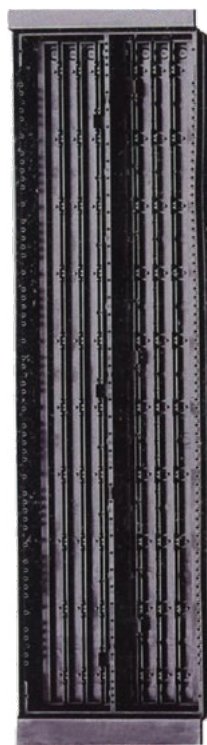
● GLBK 400 000P1 C-profile



● GLBK 300 101R1,R3,R5,R7,R9 Cross beam



● Sectional functional assembly



● 8GP.050.150 Functional plate end



● 8GP.724.001.1 Terminal cover



Sectional type multi-function busbar plastic channel is assembled between the main circuit room and electric room.

Made by hot and shaped engineering material. It has the features of anti-fire, strong, high intense and high anti-impulse and the functions of effectively avoiding the switch accidents caused by short circuit between arc and main circuit raised by malfunction.

Its rated voltage is 380V (660V), and rated peak electricity current is 176KA, and the rated short period electricity current is 50kA~80kA (1s). Sectional multi-function busbar channel plate (5GP 742 001) is integrated by 9 middle ends, 2 channel ends, rubber gasket strip and pad. It can also realize the mix installation of PC cabinet and MCC cabinet. If replacing the upper channel end with a separating plate, it will be adopted in the 600 width MCC rear outgoing withdrawable switchgear.

This products made by highly strong materials and mainly used in fixing 50mm × 30mm × 5mm L type vertical main circuit.

● 8GP.315.009 Functional middle part.



● GLBS 300 503P1 Busbar holder part



● GLBS 300 501P1 Isolating sealing plate



● Gasket and insert part.8GP.156.005
8GP.766.001



GPM1 accessories

- Adapter unit for side outgoing withdrawable cabinet



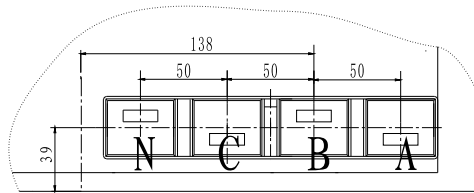
1000mm(D) 8E/2, 8E/4 rear outgoing



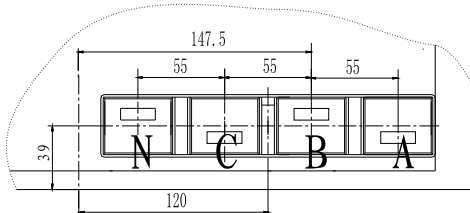
800mm(D) 8E/2, 8E/4 rear outgoing



8E/2, 8E/4 Side outgoing



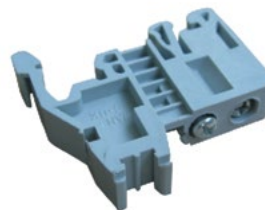
GPM1-S standard (Rear view)



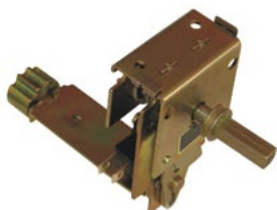
GPM1 Economic (Rear view)

Item	Name	Model(GPM1-S) Poles distance 50mm	Model (GPM1) Poles distance 55mm	Remarks
Side outgoing	8E/4 adapter	GLBS 200 516R1	GLBS 200 516R1E	
		GLBS 200 516R2	GLBS 200 516R2E	With N lines
	8E/2 adapter	GLBS 200 516R4	GLBS 200 516R4E	
		GLBS 200 516R6	GLBS 200 516R6E	With N lines
	8E/4 adapter (For depth 1m cabinet)	5GP 552 001R1	5GP 552 001R1E	
		5GP 552 001R2	5GP 552 001R2E	With N lines
Rear outgoing	8E/2 adapter (For depth 1m cabinet)	5GP 552 002R4	5GP 552 002R4E	
		5GP 552 002R6	5GP 552 002R6E	With N lines
	8E/4 adapter (For depth 0.8m cabinet)	5GP 552 001R1.1	5GP 552 001R1.1E	
		5GP 552 001R2.1	5GP 552 001R2.1E	With N lines
	8E/2 adapter (For depth 0.8m cabinet)	5GP 552 002R4.1	5GP 552 002R4.1E	
		5GP 552 002R6.1	5GP 552 002R6.1E	With N lines

- HANL 200 002P1 Front block
- GPM1-3-027P1 Base
- JH-10B Stopper
- HANL 200 001P1 for 400mm(D)
8GP 260 005 for 500mm (D)



- HANL 100 019R1 Drawer small interlock
- GLBS 300 530P1 Side outgoing 3P rear plate
- 8GP 050 003 Side outgoing 4P rear plate
- HANL 200 003P1 8E-24E panel



● 8E/4 Unit drawer

GLBS 200 523R1 Rear plate 8E/4
GLBS 200 523R11 4P plug rear plate 8E/4

HANL 200 009P1 Side plate
8GP 050 722 Deepened side wall

HANL 200 059P1
8E/4 panel

GLBS 200 523R2 plug rear plate 32A 8E/2
GLBS 200 523R5 Plug rear plate 63A 8E/2
GLBS 200 523R15 4P plug rear plate 63A 8E/2

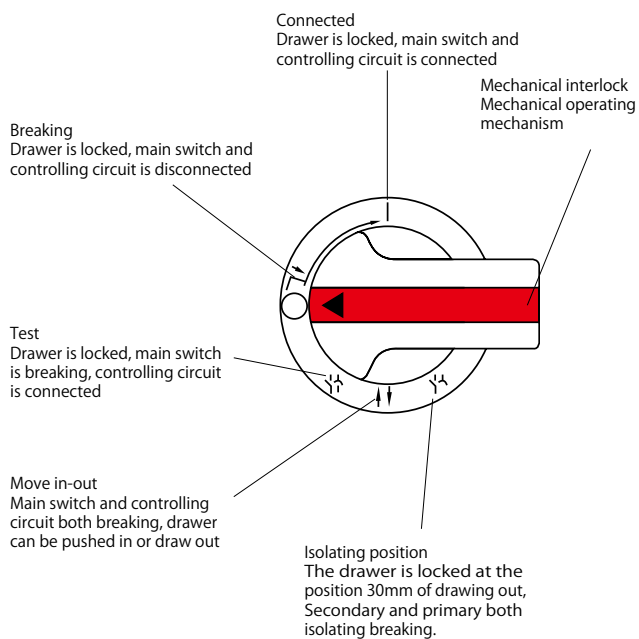
HANL 200 061P1
Aluminum guide
8ZY 260 006 Deepened
aluminum guide

HANL 100 018R1
Switch small handle

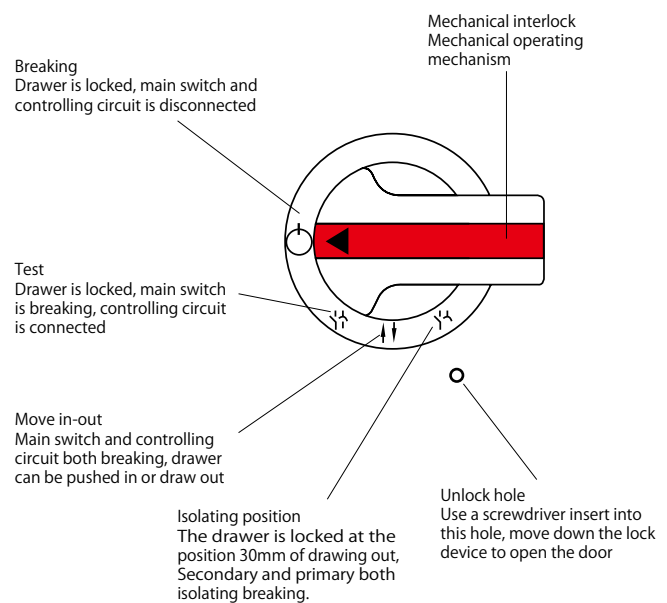
HANL 200 008P1 Drawer handle
HANL 200 056P1 Label frame

HANL 200 060P1
8E/2 panel

● 8E/4, 8E/2 drawer handle panel



Drawer 8E/2 and 8E/4 operation handle positions view



Drawer 8E~24E operation handle positions view

GPM1 accessories

● M type rotating handle



Model	Length	Remarks
GP046 751R1	125	
GP046 751R2	125	with lock hole
GP046 731R1	95	
GP046 731R2	95	with lock hole
5GP 253 001	85	
5GP 253 003	85	with lock hole
HANL 100 018R1	65	

● HANL 200 005P1
Line guide



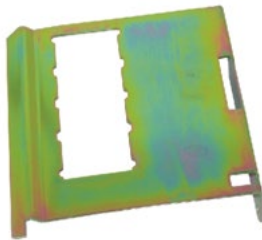
● HANL 200 012P1
Upper block



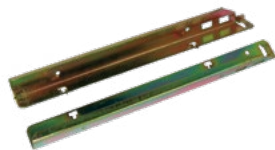
● HANL 200 021P1
Bracket



● HANL 200 040P1
Terminal bracket



● HANL 200 022P1 Left guide
HANL 200 022P2 Right guide



● HANL 100 004R1
Large interlock



● HANL 100 069P3 Locking part □ 8
HANL 100 069P4 Locking part □ 10
Length: 108, 133, 158, 172



● 5GP 200 001
24E Metal handle



● GLBS 300 547P1
Cable outgoing frame



● GLBS 200 518R3
Side-outgoing cable assembly
125A 3P



● GLBS 200 518R2
Side-outgoing cable assembly
125A 6P



● 5GP 064 001
Side-outgoing cable
assembly 250A 4P



● GLBS 200 518R1
Side-outgoing cable assembly
400A 3P



● 5GP 045 101
Assembled cable assembly
125A 3P



● 5GP 045 102
Assembled cable assembly
125A 4P



- 5GP 045 103
Assembled cable assembly
125A 6P



- 5GP 045 104
Assembled cable assembly
250A 3P



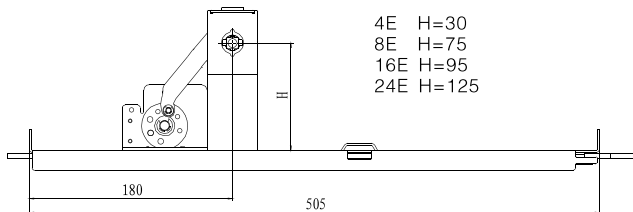
- 5GP 045 105
Assembled cable assembly
250A 4P



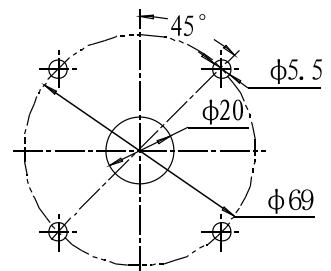
- 5GP 045 106
Assembled cable assembly
400A 3P



- GPM1-3 Large interlock
5GP 045 504 4E
5GP 045 505 8E
5GP 045 506 16E
5GP 045 507 24E



- GPM1-3 Large interlock mechanism handle



- GPM1-3 Primary contact



- GPM1-3 4E Drawer



- GPM1-3 4E Panel
HANL 200 004P1H



- GPM1-3 8E Panel
HANL 200 003P1H



- GPM1-3 4E Incoming box



- GPM1-3 4E Outgoing box



- 4E Drawer
side-outgoing cable
assembly



- 4E Drawer rear-outgoing
cable assembly



GPM1 accessories

● GPR001 Drawer interlock mechanism



● GPR002 Secondary plug frame



● GP05PX Flipped control panels



● GPR004 Clapboard roll



● Panel plate bracket



● GPP0048 Door lock part



● GPP0019 Clapboard positioning holes shield



● GPP0089 Mechanism linking guide block



● GPR0004 Door lock



● GPA0016 Primary contact
GPA0025 Primary contact
GPA0035 Primary contact
GPA0050 Primary contact
GPA0070 Primary contact



● Drawer anti-fall hook



● GPP0022 Drawer door hinge screws



● GPR0044 Drawer plastic guide



● GPS1 Small drawer operating mechanism



● 8E interlock rod



● 16E Interlock rod



● Big door hinge



● Bus room small hinge



● Function board
8GP 024 001



● Bus liner board



● Upper sealing plate
Down sealing plate



● Upper end cover plate
Down end cover plate



● Half-functional plate (down)
Half-functional plate (upper)



● Half-piece functional plate



● Terminal bracket
8GP 062 1433



● Bellows
GLBL 200 094P1 (400A)
8GP 390 001 (250A)
GLBL 200 093P1 (125A)



● 1/4 Drawer rear plate



● 1/2 Drawer rear plate
1TGB100 102R 045C



● GP4-PD2 Cable clamp



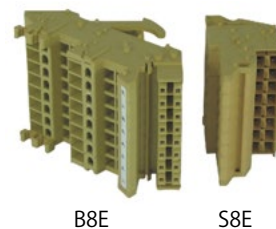
● GP4-PD1 Cable clamp



● Contact pin, Flat plug
Flat plug sleeve



● B8E, S8E Secondary plugin



GPM1 accessories

- 8GP 200 063P1
Small sealing plate



- B8E, S8E Secondary plugin(16)
- 8GP 571 001
Copper connect part



- 8GP 571 002
Copper connect part

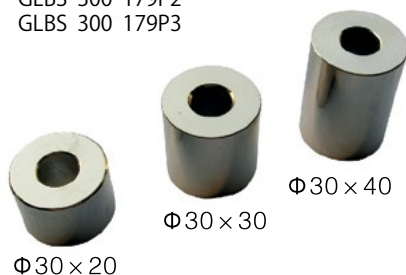


- T-shape bolt



- Copper connect part

GLBS 300 179P1
GLBS 300 179P2
GLBS 300 179P3



- GPJ Contact



- GPJ Contact with wire



Model	Rated current	Line size	Length(if with wire)
GPJ-6	32A	6mm ²	500mm, 800mm
GPJ-10	50A	10mm ²	500mm, 800mm
GPJ-16	63A	16mm ²	500mm, 800mm
GPJ-25	100A	25mm ²	500mm, 800mm
GPJ-35	125A	35mm ²	500mm, 800mm
GPJ-50	150A	50mm ²	500mm, 800mm
GPJ-70	200A	70mm ²	500mm, 800mm

Note: If need contact on each end of the line, please specify when ordering.

- GLBK 500 055P2
small ventilation grill cover
GLBK 500 059P2
small ventilation grill bottom
Holing size: 192 × 70



- GLBK 500 055P1 Large
ventilation grill cover
GLBK 500 059P1 Large
ventilation grill bottom
Holing size: 452 × 70



- 8GP 330 002 small
ventilation grill (simple)
8GP 330 001 Large
ventilation grill (simple)
Holing size: 452 × 70



- Metal bus holder
GLBS 200 081R4 M8 10x30, 50
GLBS 200 081R2 M10 10x60mm
8GP.110 002.M1210x80mm



- Screw thread plate
GLBS 300 015P2 M10
GLBS 300 015P3 M12
GLBS 300 015P4 M8



- Middle part
GLBS 300 180P1(10x30,60)mm
Middle part
8GP 170 009(10x80)mm



- N bus middle part
8GP 170 008(10x60)
N bus middle part
GLBS 300 180P2(10x80)mm



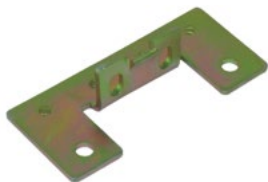
- Bus holder
GLBS 300 003P2(10x30, 60)mm
Bus holder
8GP 110 024(10x80)mm



- N bus holder
8GP 110 001(10x80)mm



- GLBK 400 006P1
Support plate



- GLBK 300 094 Bracket



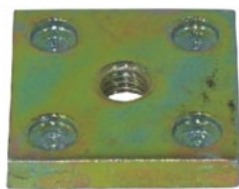
- GLBK 400 006
No-positioning angle plate



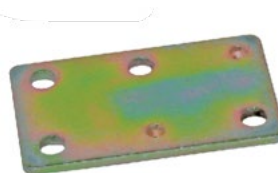
- GLBK 400 007P1
Positioning angle plate



- GLBK 400 004P2
Pressure plate



- GLBK 400 011P1
Connecting plate



- GLBK 500 045
Transport angle



- GLBK 410 005P1(Small)
GLBK 410 005P2(Big)
Fastening buckle



- GLBK 410 027R1 Small hinge



- GLBK 410 000 Door hinge



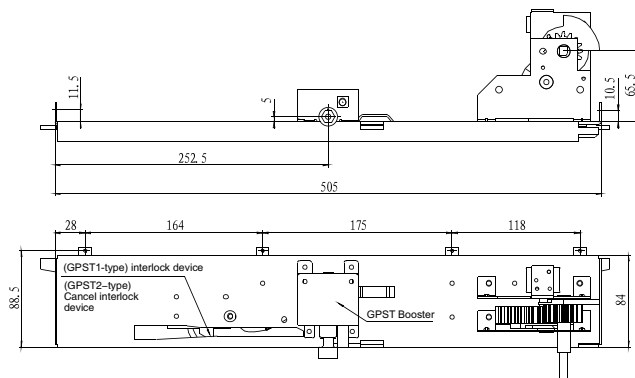
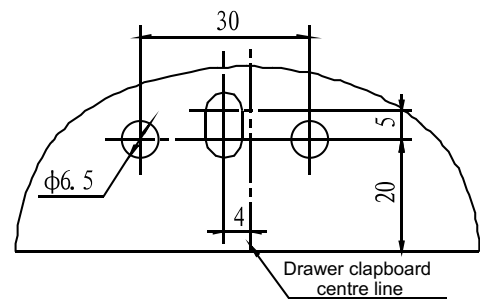
- HANL 100 001R1 Door hinge



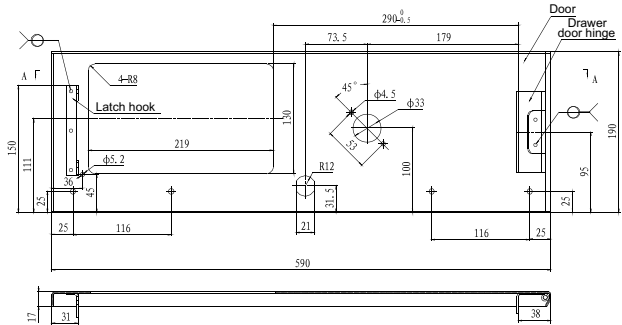
- HANL 200 025P1 Lock plate
- HANL 200 015P1(8E)
HANL 200 015P2(16E)
HANL 200 015P3(24E)
Door latch
- GLBK 410 001 Door hinge
- GLBK 400 006.1
45 Column connection part



- GLBK 400 006.2
50 column connection part(down)
- GLBK 400 006.3
50column connection part(upper)
- GPST1, GPST2 with feeding large interlock



GPST1, GPST2 assembly diagram



GPST1, GPST2 assembly diagram

- 8GP 050 002 Drawer rear plate of rear outgoing
- Drawer rear plate with wire and contact view(200A-400A)
- 8GP 046 003 rear outgoing Functional plate
- Installation view of rear outgoing functional plate (250A-400A)



- 5GP 354 001 Rear outgoing wiring box



- 8GP 511 002 Rear outgoing N bus copper



- 8GP 511 001 Rear outgoing L bus copper



- 8GP 045 420 400A Outgoing contact



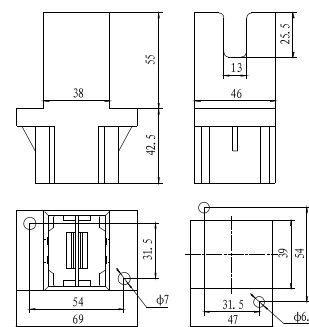
- 8GP 045 421 250A Outgoing contact



- 8GP 588 001 Contact (upper)
8GP 588 002 Contact (down)



- 8GP 573 002 1P Contact holder



- B8E.2 Secondary plugin with lines 1.5 × 900mm or 2.5 × 900mm



- B8E.2-JH6L/1.5 Combined secondary plugin
B8E.2-JH6L/2.5 Combined secondary plugin



- 8GP 150 001 Rear outgoing terminal frame



- 8GP 333 001 Rear outgoing guide bracket



- GPZJ-125A / 3P Rear-mounted cable assembly



- GPZJ-400A/3P Rear-mounted cable assembly



- GPZJ-125A / 6P Rear-mounted cable assembly



- 5GP 045 107 125A/3P Rear-mounted cable assembly



- 5GP 045 108 250A/3P Rear-mounted cable assembly



- 5GP 045 109 400A/3P Rear-mounted cable assembly



- 5GP 045 110 125A/4P Rear-mounted cable assembly



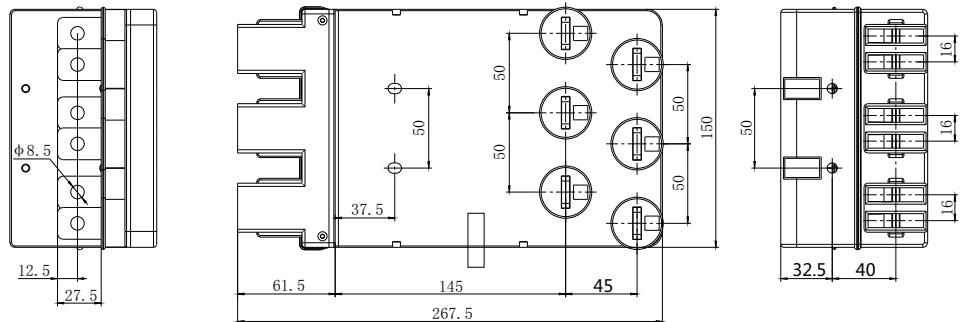
- 5GP 045 111 250A/4P Rear-mounted cable assembly



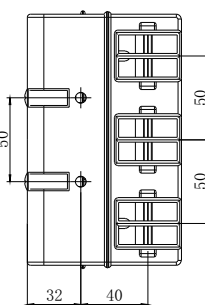
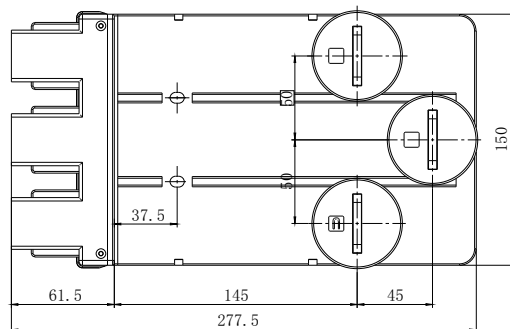
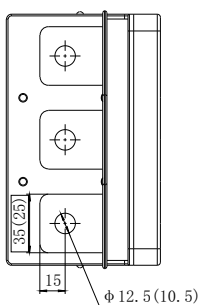
- 5GP 045 112 125A/6P Rear-mounted cable assembly



- 125A 3P/6P Outline dimension



- 250A/400A 3P Outline dimension



- 8GP 573 005 3P Outgoing box
- 8GP 573 006 4P Outgoing box



- GPM1 half-functional board cabinet



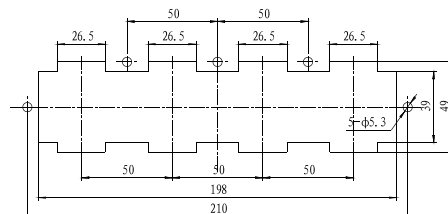
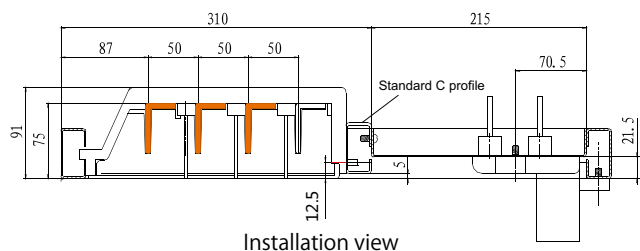
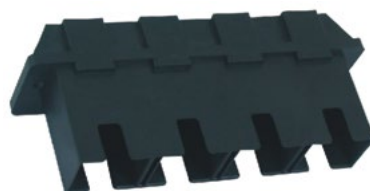
GPM1 half-functional board MCC rear outgoing low-voltage withdrawable switchgear is a new cabinet type with reasonable structure and more economic design. The switchgear is divided into functional unit room, cable compartment and busbar compartment. Functional unit in front of the cabinet, the cable compartment in the rear of cabinet, and the bus room in the top of cabinet. The incoming side between functional unit room and cable room is isolated by the half-functional board, outgoing side isolated with a metal plate, this is effectively prevent the switching element arcing faults caused by accident expand. Outlet plug mounted on the isolation plate, according to need to adopt a three-pole or four-pole outgoing. Between functional unit room and bus room are isolated by metal plate, and rear door open for easy maintenance.

The MMS switchgear cabinet holding constant the number of loops, five specification drawers for option: 8E/4, 8E/2, 8E, 16E, 24E. MCC cabinet main component parts as follows: half-functional board, outgoing base, incoming box, cable assemblies, etc.

- 8GP 573 100
Half-functional plate

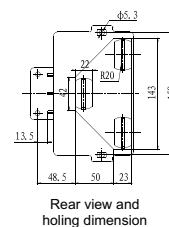
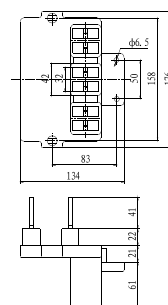
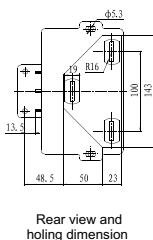
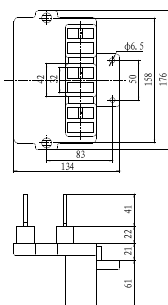


● 8GP 573 001 Incoming box



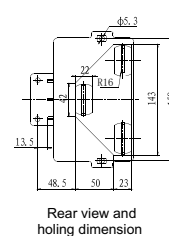
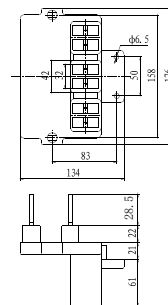
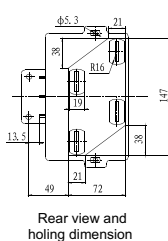
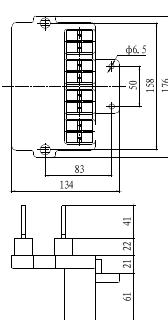
5GP 573 004 125A/3 Cable assembly

- 5GP 573 003 400A/3 Cable assembly



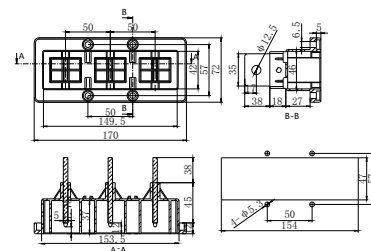
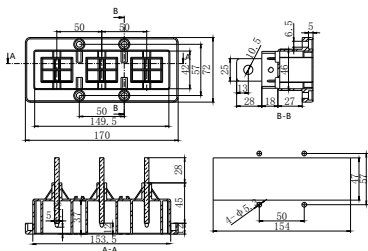
- 5GP 573 002 250A/4 Cable assembly

- 5GP 573 008 250A/3 Cable assembly



- 5GP 573 009 250A/3 3P Socket

● 5GP 573 010 400A/3 3P Socket



● Combined bus clamp

Combined bus clamp series is mainly used for GPM1 series rear-outgoing low-voltage switchgear (Horizontal bus in the top of cabinet) as fixing the horizontal busbar.

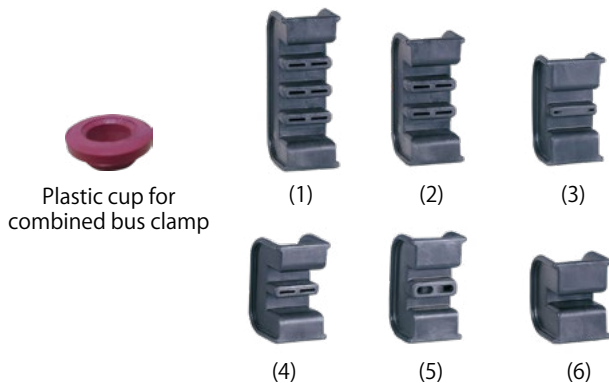
This modular busbar clamp is made of a metal mounting brackets, plastic insulator, magnetically shielded washers, bolts, and nuts. Plastic insulator insert into metal mounting bracket by symmetrical arrangement, and fixed with bolts and nuts. Installing plastic washer between metal bracket and screws to prevent from toroidal magnetic field after on power. This combined busbar clamp is assembled insulator structure with easy combination and use.

Technical parameters:

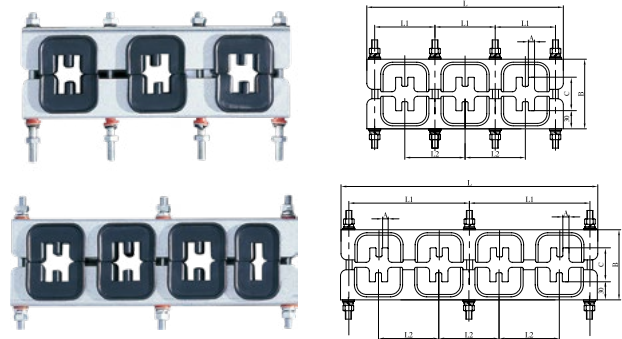
Rated working voltage 660V,

Rated short time withstand current 50KA (1S),

Rated peak withstand current 105KA.



● Outline dimension



1. Selection table for combined insulators

No.	Model	Specification	Insulator size	Bus clamp size	Remarks
1	8GP 750 009	10x4P	84.5x24	84x24	Picture (1)
2	8GP 750 003	10x3P	61.5x24	62x24	Picture (2)
3	8GP 750 085	10x3P	65.5x24	66x24	Picture (2)
4	8GP 750 002	10x2P	40x24	42x24	Picture (3)
5	8GP 750 203	10x2P	38.5x14	39x14	Picture (3)
6	8GP 750 017	10x2P	41x24	42x24	Picture (3)
7	8GP 750 006	8x2P	38.5x14	39x14	Picture (4)
8	8GP 750 202	6x2P	30.5x24	31x24	Picture (5)
9	8GP 750 018	6x1P	14.5x19	16x19	Picture (6)
10	8GP 750 008	8x1P	18.5x24	21.5x24	Picture (6)
11	8GP 750 019	10x1P	18.5x24	21.5x24	Picture (6)

GPM1 accessories

2. Selection table for combined bus clamp

No.	Model	Busbar size	Phase number	L	L1	L2	A	Remarks
1	5GP.110.047. □	1=6x50 2=6x60 3=6x80 4=6x100 5=6x120 6=6x160	6mm*1/3P	266	80	80	6.5	With mounting frame
2	5GP.110.016. □		6mm*1/4P	346	160	80	6.5	With mounting frame
3	5GP.110.048. □		6mm*2/3P	326	100	100	6.5	With mounting frame
4	5GP.110.019. □		6mm*2/4P (N phase*6mm*1)	386	180	90	6.5	With mounting frame
5	5GP.110.049. □		6mm*1/3P	326	100	100	6.5	With mounting frame
6	5GP.110.021. □		8mm*1/3P	266	80	80	8.5	With mounting frame
7	5GP.110.050. □	1=8x50 2=8x60 3=8x80 4=8x100 5=8x120 6=8x160	8mm*1/4P	346	160	80	8.5	With mounting frame
8	5GP.110.025. □		8mm*2/3P	326	100	100	8.5	With mounting frame
9	5GP.110.063. □		8mm*2/4P (N phase*8mm*1)	386	180	90	8.5	With mounting frame
10	5GP.110.064. □		8mm*1/3P	326	100	100	8.5	With mounting frame
11	5GP.110.051. □		8mm*2/4P (N phase*8mm*1)	426	200	100	8.5	With mounting frame
12	5GP.110.059. □		10mm*1/3P	266	80	80	10.5	With mounting frame
13	5GP.110.052. □	1=10x50 2=10x60 3=10x80 4=10x100 5=10x120 6=10x160	10mm*1/4P	346	160	80	10.5	With mounting frame
14	5GP.110.060. □		10mm*2/3P	326	100	100	10.5	With mounting frame
15	5GP.110.014. □		10mm*2/4P (N phase*10mm*1)	386	180	90	10.5	With mounting frame
16	5GP.110.020. □		10mm*3/3P	386	120	120	10.5	With mounting frame
17	5GP.110.053. □		10mm*3/4P (N phase*10mm*2)	506	240	120	10.5	With mounting frame
18	5GP.110.026. □		10mm*4/3P	416	130	130	10.5	With mounting frame
19	5GP.110.065. □	1=10x50 2=10x60 3=10x80 4=10x100 5=10x120 6=10x160	10mm*4/4P (N phase*10mm*2)	546	260	130	10.5	With mounting frame
20	5GP.110.066. □		10mm*2/2P	226	100	90	10.5	With mounting frame
21	5GP.110.071. □		10mm*2/4P	426	200	100	10.5	With mounting frame
22	5GP.110.072. □		10mm*2/4P	386	180	90	10.5	With mounting frame
23	5GP.110.054. □		10mm*1/3P	326	100	100	10.5	With mounting frame
24	5GP.110.010. □		10mm*1/3P	300	100/87	100	10.5	With mounting frame
25	5GP.110.055. □	1=10x50 2=10x60 3=10x80 4=10x100 5=10x120 6=10x160	10mm*2/4P (N phase*10mm*1)	426	200	100	10.5	With mounting frame
26	5GP.110.018. □		10mm*2/4P	386	180	90	10.5	With mounting frame
27	5GP.110.011. □		10mm*2/4P	386	180	90	10.5	With mounting frame
28	5GP.110.017. □		10mm*2/4P	386	180	90	10.5	With mounting frame
29	5GP.110.056. □		10mm*2/4P	386	180	90	10.5	With mounting frame
30	5GP.110.024. □		10mm*2/4P	386	180	90	10.5	With mounting frame
31	5GP.110.001. □	1=10x50 2=10x60 3=10x80 4=10x100 5=10x120 6=10x160	10mm*2/4P	386	180	90	10.5	With mounting frame
32	5GP.110.057. □		10mm*2/4P	386	180	90	10.5	With mounting frame
33	5GP.110.002. □		10mm*2/4P	386	180	90	10.5	With mounting frame
34	5GP.110.058. □		10mm*2/4P	386	180	90	10.5	With mounting frame
35	5GP.110.027. □		10mm*2/4P	386	180	90	10.5	With mounting frame
36	5GP.110.029. □		10mm*2/4P	386	180	90	10.5	With mounting frame
37	5GP.110.028. □	1=10x50 2=10x60 3=10x80 4=10x100 5=10x120 6=10x160	10mm*2/4P	386	180	90	10.5	With mounting frame
38	5GP.110.030. □		10mm*2/4P	386	180	90	10.5	With mounting frame
39	5GP.110.012. □		10mm*2/4P	386	180	90	10.5	With mounting frame
40	5GP.110.013. □		10mm*2/4P	386	180	90	10.5	With mounting frame
41	5GP.110.022. □		10mm*2/4P	386	180	90	10.5	With mounting frame
42	5GP.110.015. □		10mm*2/4P	386	180	90	10.5	With mounting frame
43	5GP.110.023. □	1=10x50 2=10x60 3=10x80 4=10x100 5=10x120 6=10x160	10mm*2/4P	386	180	90	10.5	With mounting frame
44	5GP.110.067. □		10mm*2/4P	386	180	90	10.5	With mounting frame
45	5GP.110.068. □		10mm*2/4P	386	180	90	10.5	With mounting frame
46	5GP.110.069. □		10mm*2/4P	386	180	90	10.5	With mounting frame
47	5GP.110.070. □		10mm*2/4P	386	180	90	10.5	With mounting frame
48	5GP.110.073. □		10mm*2/4P	386	180	90	10.5	With mounting frame
49	5GP.110.074. □		10mm*2/4P	386	180	90	10.5	With mounting frame

● GPM4 L type bus



● Copper block and washer



● GPB1-1003 Upper end



● GPB1-00003 Upper end cover



● GPB1-1001
Isolation plate branch part



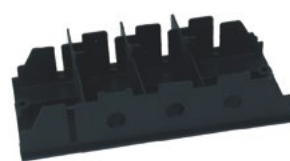
● GPB1-00002 Cover



● GPB1-1002



● GPB1-00004
Down end cover



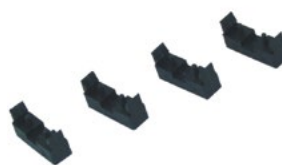
● GPB1-1003.1
Isolating upper sealing plate



● GPB1-1002.1
Isolating down sealing plate



● GPB1-00001
Connection block



● GPTC-00042
1-3 Unit drawer rear wall



● GPTC-00042.4
1-3 Unit drawer 4P rear wall



● GPTC-00045
Secondary positioning bolt



● GPTG-81501 1/2 plastic guide
GPTG-81502 plastic guide block

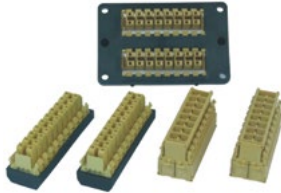


● GPTL-80801
Secondary bracket



GPM4 accessories

- B2E-8(10), SEF-8(10)
Secondary plugin



- GPM4-TC-00044
1 Unit drawer panel



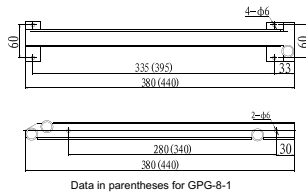
- GPM4-TC-00104
1.5 Unit and upper drawer panel



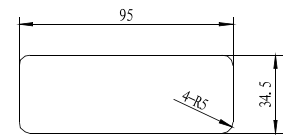
- GPM4-TC-00006
Drawer handle



- GPG-8 Type hanging rail
GPG-8-1 Type extended rail



- GPM4-TC-017 drawer handle ring



- GPJ-2 Back-type adapter



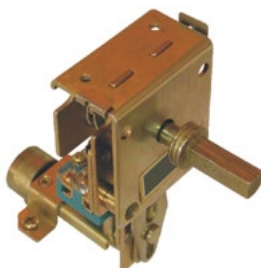
Model	Rated current	Remarks
GPJ-2.00	40A	w/o secondary line
GPJ-2.08	40A	8 pairs secondary line
GPJ-2.20	40A	20 pairs secondary line
GPJ-2.00.1	90A	w/o secondary line
GPJ-2.08.1	90A	8 pairs secondary line
GPJ-2.20.1	90A	20 pairs secondary line
GPJ-2.00.4	40A	4P w/o secondary line
GPJ-2.08.4	40A	4P 8 pairs secondary line
GPJ-2.20.4	40A	4P 20 pairs secondary line
GPJ-2.00.1.4	90A	4P w/o secondary line
GPJ-2.08.1.4	90A	4P 8 pairs secondary line
GPJ-2.20.1.4	90A	4P 20 pairs secondary line

- GPM4 1/2 Unit drawer (Full plastic type)

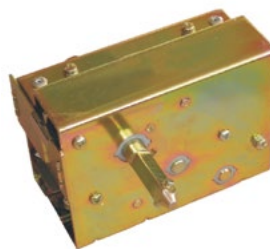


Model	Rated current	Remarks
GPM4-TC 1628-00	20A	Standard drawer line 6mm ²
GPM4-TC 1628-01	45A	Standard drawer line 10mm ²
GPM4-TC 1628-02	20A	Extended drawer line 6mm ²
GPM4-TC 1628-03	45A	Extended drawer line 10mm ²
GPM4-TC 1628-04	20A 4P	Standard drawer line 6mm ²
GPM4-TC 1628-05	45A 4P	Standard drawer line 10mm ²
GPM4-TC 1628-06	20A 4P	Extended drawer line 6mm ²
GPM4-TC 1628-07	45A 4P	Extended drawer line 10mm ²

- GPJGC-2 Propelling mechanism



- GPJGC-1 Propelling mechanism



Match with B type handle

- GPJGC-3 Propelling mechanism



Match with B type handle

● GPM4-10008 unlock hole block



● Connecting rod



Handle length	propelling mechanism	Drawer unit	Breaker specification	Rod code
65	GPJG-1	1 Unit	MCB	GPTG-00096
80		1 Unit	≤250A	GPTG-00090
95	GPJG-3	1.5 Unit		
125		≥2 Unit	≥400A	GPTG-00089

● GPJ-1-125A Rod adapter



● GPJ-1-250A Rod adapter



● GPJ-1-400A Rod adapter



● GPJ-1A-125A Extended rod adapter



● GPJ-1A-250A Extended rod adapter



● GPJ-1A-400A Extended rod adapter



● GPJ-1.4 4P Adapter



● GPJ-1/3 Rear outgoing adapter (250A-400A)



● HJ-1/4 Rear outgoing adapter (250A-400A)



● GPL-003 Left frame



● GPL-30007 PC panel



● GPL-004 Right bracket



GPM4 accessories

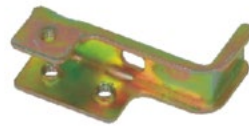
● GP-00010 Secondary socket bracket



● GP-12001 Aluminum bracket



● GP-12006 Bracket



● GP-00004 Bottom plate bracket



● GP-12004 Guide bracket



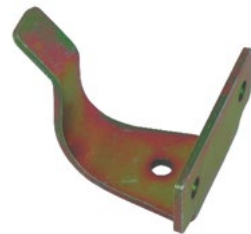
● GP-12002 Bracket



● GP-12003 Bracket



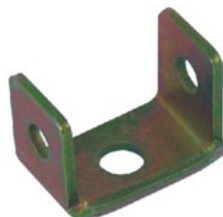
● GP-00006 Bracket



● GP-12005 Bracket



● GP-12013 Bracket



● GP-12015 Bracket



● GP-12018 Bracket



● GPTG-801 Large door hinge



● GPTG-806 Large door hinge



● GPTG-807 Universal large door hinge



● GPTG-802 Upper sealing door hinge



● GPTG-804 Upper sealing door hinge



● GPTG-004 Drawer hinge



● GPTG-803 Down door hinge



● GPTG-805 Down door hinge



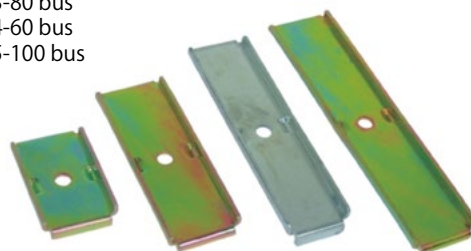
● (1 Unit, 1.5 Unit, 2 Unit and upper) Lock hook



● (1 Unit, 1.5 Unit, 2 Unit and upper) Door latch



● Bus clamp plate
GPL-20101-30 bus
GPL-20102-50 bus
GPL-20103-80 bus
GPL-20104-60 bus
GPL-20105-100 bus



● GP88662 Drawer handle



Mounting hole distance:
57mm, Color: Black, Grey

● GP88664 Drawer handle



Mounting hole distance:
100mm, Color: Black, Grey

● U type handle (L)



Mounting hole distance:
100mm

● U type handle (S)



Mounting hole distance:
60mm

● GPE101 KF Outer buckle hinge



● GPE102 KF Insert door hinge



● GPE106 Square fixed nut



● GPE107 Drawer door hinge



Model	Screw size
GPE106-M6	M6
GPE106-M8	M8
GPE106-M10	M10

● GPE108 409 Lock



● GPE112 KF Screw plate



● GPE113 KF Screw plate



● GPE114 KF Screw plate



● GPF101 Bracket part



● GPF102 Bracket part



● GPK101 Connection part



● GPK102 Connection part

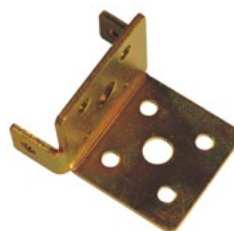
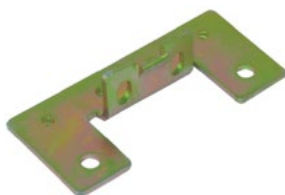


GPK103 Connection part

● GPK105 Connection part

● GPK106 Connection part

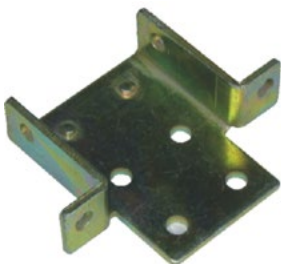
● GPK107 Connection part



● GPK108 Connection part



● GPK109 Connection part



● GPK110 Connection part



● GPK112 Connection part



● GPK113 Connection part



● GPK114 Connection part



● GPH101 Functional plate



● GPH102 Bus holding plate



● GPH103 Upper cover plate



● GPH104 Down cover plate



● GPH105 Gasket for functional plate



● GPC025E-01 Drawer



● GPC025E-02 Drawer



● GPC025E-101 Rear outgoing adapter



● GPC025E-102 Side outgoing adapter



● GPC05E-201 Rear outgoing adapter



GPM4.1 accessories

- GPC05E-202 Side outgoing adapter



- GPS101 Propelling mechanism



- GPS102 Block part in front



- GPS124 Panel (grey)



- GPS104 Handle fixing bracket



- GPS105 Handle



- GPS109 Moving guide rail



- GPS110 Fixed guide rail



- GPS113 7E Interlock 8X8 square axis



- GPS113A 7E Interlock 10X10 square axis



- GPS114 14/21E Interlock 8X8 square axis



- GPS114A / 21E Interlock 10X10 square axis



- GP87788 Ns250 Drawer interlock operation mechanism



- GP87789 Ns630 Drawer interlock operation mechanism



- GP01215 Guide protection rubber 70x50



- GP87046 Top gasket IP31 (50m/roll)



- GP87598 3P 250A Incoming plug 70-1



- GP87600 3P 630A Incoming plug 70-1



- GP87140 (H=2350)
GP87141 (H=2200)
Side decorative strip



- GP87142 Fixed hinge



- GP87143 Top sealing fixed bracket



- GP87145 Door lock



- GP87146 Door handle



- GP87150 Door block rubber



- GP87151 8mm Square lock core



- GP87171 Connection part between cabinets



- self-tapping screw
GP87196 M4X8



GP-K accessories

● GP87188 Anti-rotating nut.



● GP87189 11/38 Flat washer



● GP87190 Door lock



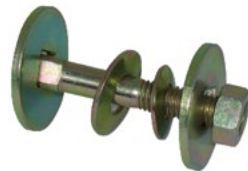
● GP87261 1cw 100kA Horizontal bus clamp



● GP87259 Short bus connection bolt



● GP87264 Long bus connection bolt



● GP87265 630A 3P Outgoing bus holder



● GP87372 250A 3P Outgoing support holder



● GP87270 Vertical bus 40/50 holder (BB70)



● GP87271 Vertical bus 80/100 holder (BB70)



● GP87272 Vertical bus base (BB70)



● GP87289 40/50 Vertical bus top support (BB70)



● Bus support SS bolt and insulating tube



● GP87356 Poiyfast Ns250 3P plugin type or draw-out type



● GP87358 Poiyfast Ns630 3P plugin type or draw-out type



Model	Thickness	Packing
GP87395	200mm	25 pcs/bag
GP87342	100mm	25 pcs/bag
GP87343	80mm	25 pcs/bag
GP87344	50mm	25 pcs/bag

- GP87364 3P 250A Incoming primary plugin



- GP87366 3P 630A Incoming primary plugin



- GP87368 3P 250A Outgoing primary plugin



- GP87370 3P 630A Outgoing primary plugin



- GP87275 IP20 Busbar front cover grill (BB70)



- GP87312 Incoming switch bus sleeve



- GP87384 Drawer position mechanism structure



- GP87181 Round buckle (m6) screw (2000pcs/bag)



- GP87410-1 Drawer front panel hinge $\geq 12M$



- GP87410-3 Nylon strip guide



- GP87410-4 Drawer front panel hinge $\geq 12M$



- GP87410-5 4X37 Plug pin



- GP87428 Ns250 Poiyfast accessories



- GP87430 Drawer fixed part accessories



- GP87431-1 Drawer bolt accessories



- GP87431-2 Drawer copper screw 13x11



● GP87431-3 Drawer guide



● GP87431-4 Drawer position washer



● GP87431-5 Drawer Door washer



● GP87431-6 Drawer roll



● GP87431-7 Drawer jump ring



● GP87445 6M/2 Adapter



● Drawer handle and operation mechanism



● GP87512 1/2 Drawer 40A 3P wiring plug



Model	Specification
GP87500	6M 1/2 drawer
GP87502	3M 1/2 drawer

● GP87546 IP54 for 3M front panel protection kit



● GP87547 IP54 for 6M front panel protection kit



● GP87548 IP54 for 12M front panel protection kit



● GP87549 IP54 for 12M-24M front panel protection kit



● GP87512-1 3M drawer 3P plug



● GP87452 Secondary socket



● GP87453 Secondary plug



● GP87648 20mm Flat rubber ring



- GP87630 4M GV2/3 Drawer mechanical interlock



- GP87782 1/2W 6M GV2/3 Drawer mechanical interlock



- GP87784 1/2W 6M Ns80 Drawer mechanical interlock



- GP87787 6M GV2 Drawer mechanical interlock



- GP87791 Ns630/4P Drawer mechanical interlock



- GP87653 Water-proof washer



- Earthing washer



- Steel washer



Model	Size
GP11397.1	D6
GP12053.1	D8
GP12590.1	D10
GP12584.1	D12

Model	Size
GP11397	D6
GP12053	D8
GP12590	D10
GP12584	D12

GP-B accessories

- 5127596X0 Main vertical bus holder



- 51127599x0 Fixed screw plate for main vertical bus holder



- 51127504X0 Insulating sleeve



- 51127540X0 3P Incoming plug supporting



- 51127544X0 Branch vertical bus holder



- 51127811X0 Fixed outgoing plug holder



- 51127812X0 3P Incoming plug holder



- 51130799X0 4P Incoming plug holder



- 51127985X0 Outgoing plug supporting



- 51130802X0 4P Incoming plug supporting



- 51131806X0 Moving outgoing plug holder



- 51127872X0 Plastic brand base



- 705658 Bus insulating holder



- 51128685XA Insulating clapboard



- 51128686XA Insulating clapboard (upper)



- 51128686XB Insulating clapboard (Down)



● 51127729X0
MF and PCC hinge



● 51127730X0
MF and PCC hinge



● 51127667X0
Upper and down hinge



● 51127582X0 Complete hinge



● 51127584X0
Hinge cover (plastic)



● 51127793X0 Auxiliary plug



● 51127795X0 Auxiliary socket



● 51127758X0
Drawer latching part



● GP89451 Fixed cabinet cross
door lock



● GP89452 Fixed cabinet
square door lock



● GP89455 Drawer cabinet
cross door lock



● GP89456 Drawer cabinet
square door lock



● GP89461 Cross key



● GP89462 Square key



● 51127716X0
Drawer moving part



● 51127698X0 Drawer screw



GP-B accessories

● 51127546X0 Fixed ring



● 51127803X0 Drawer wheel



● 51127792X0 Bearing



● 51127558X0 Drawer wheel guide bolt



● 51127613X0 Drawer guide pin



● 51127695X0 Wheel fixed bolt



● GP21372115
ST4.2X13 Screw
GP87183 M5x20
GP87410-2 M5x12



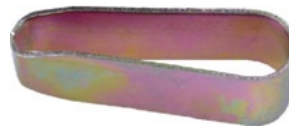
● GP17260203
18X3mm Gasket strip



● Cable plug



● 51127757X0 Plug spring clamp



● GP705699 Spring clamp bolt clamp



Model	Size
51127753XA	6-10 mm ²
51127754XA	10-25mm ²
51130471XA	35mm ²
51127755XA	50mm ²

● 51127567XA Drawer door secondary socket



● 51127567XB Drawer door secondary plug



● 51127568XA Drawer door secondary pin



● 51127568XB Drawer door secondary pin socket



● 51127501X0 Plastic handle



● 51127592X0 Cover bracket



● 51127095X0 Door edge latch



● 51127143X0 Door lock bracket



● 51128890X0 Clapboard bracket



● 51131755X0 Door lock bracket



● 51131756X0 Door lock guide bracket



● 51127212X0 Connection part



● 51130526X0 Bracket



● 51127027X0 Bracket



● 51131206X0 Bracket



● GH100439X0 Bus fixing part



● 51130488X0 Frame oil protection plate



● Telescopic rod



● GH100680 Guide accessories



● GH100684 Drawer hinge



Model	Breaker model
51127972XC	Ns100/630
51127973X0	Ns80

GP-B accessories

● Position indicating kit



Model	Description
GH100681	Position indicating kit
GH100682	2M or 4M/2 position indicating kit

● GH100683 Insulating grill



● GH100685 Drawer adapter module



● GP89340 1.5M Drawer 3P outgoing plugin fixed part



● Ns250 Operation mechanism



● Ns400 Operation mechanism



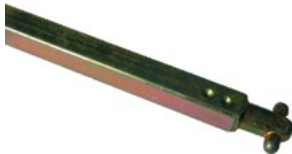
● Ns250 Rotating handle



● Ns400 Rotating handle



● Operation mechanism extended rod



- GP11303 Q3HE Drawer operation mechanism



- GP11304 Q4HE Drawer operation mechanism



- GP103800 Small bus terminal cover



- GP108920 Vertical bus holder (poles distance 90 TMY6X60)



- GP108921 Vertical bus holder (poles distance 90 TMY10X60)



- GP108922 Vertical bus flat insulating plate



- GP109251 Outgoing cable cover



- GP109253 Fixed connection part insulating bas



- GP1090254 Fixed connection insulating cover



- GP109691 Fixed connection insulating clamp



- GP109692 80kA Bus clamp



- GP109787 Drawer outgoing connection part



- GP109972 PD Cabinet bus insulating base



- GP113081 Door handle (L)



- GP113082 Drawer door handle (S)



- GP113108 Door lock with handle



GP-N accessories

- GP113910 Drawer unit lock + Drawer door handle



- GP114171 Drawer base (400A and below)



- GP114172 Drawer base (400A and below)



- GP61011 Vertical bus base shield



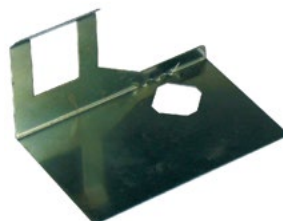
- GP12001 Connection pressure plate



- GP13011 Feeding insert plate



- GP51061 N Type drawer unit locking spring



- GP08011 Connection plate



- GP66001L Explosion-proof door cover(Left)
GP66001R Explosion-proof door cover(Right)



- GP76001 Vertical bus shield



- GP76021 Vertical bus shield



- GP20001 Vertical bus clamp and holder



- GP49001, GP50001 Front, rear shutter plate



- GP48001.1 Shutter bracket



- GP104979 Small bus



- 1/2 Operation handle



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