



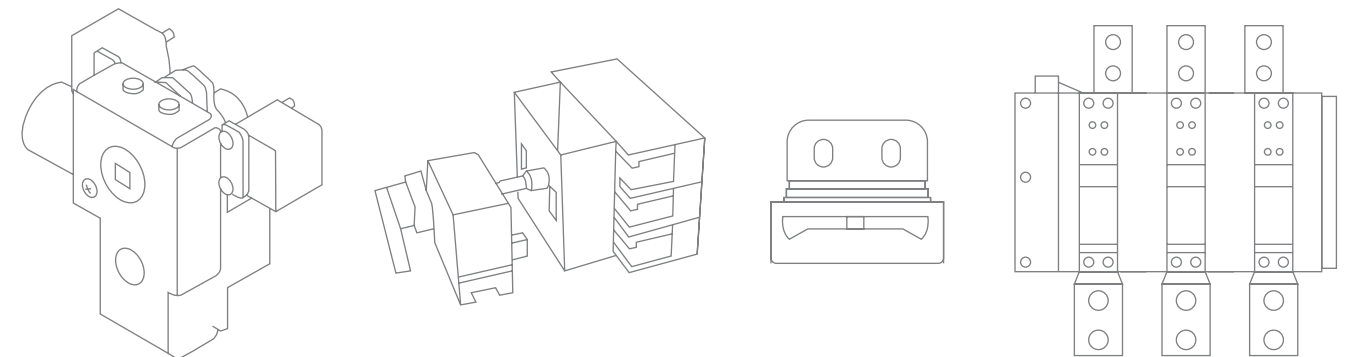
LOW VOLTAGE SWITCH ACCESSORIES SELECTION MANUAL

ZIVA ELECTRIC LTD

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SKC LOW-VOLTAGE
ELECTRIC DRAWER

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LV SWITCHGEAR

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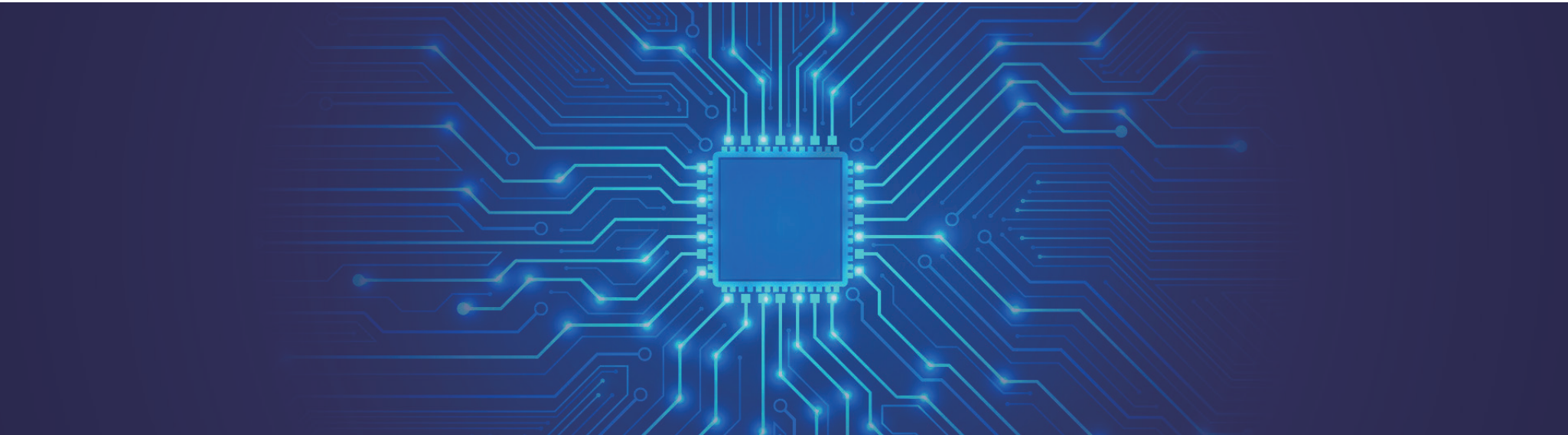
8PT/OKKEN/B/P Cabinet accessories

8PT/OKKEN/B/P
CABINET ACCESSORIES

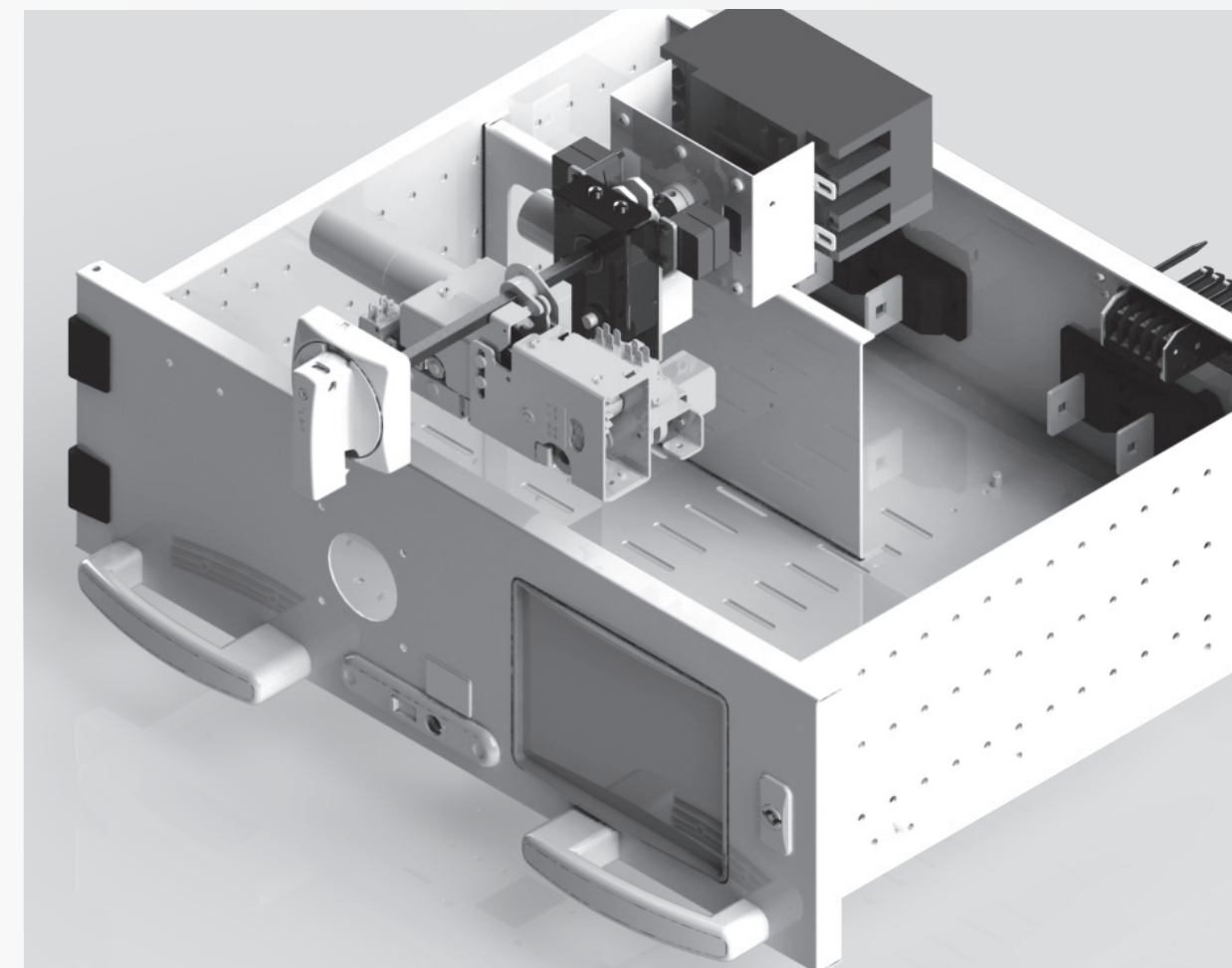
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Q Series switchgear

Q SERIES
SWITCHGEAR

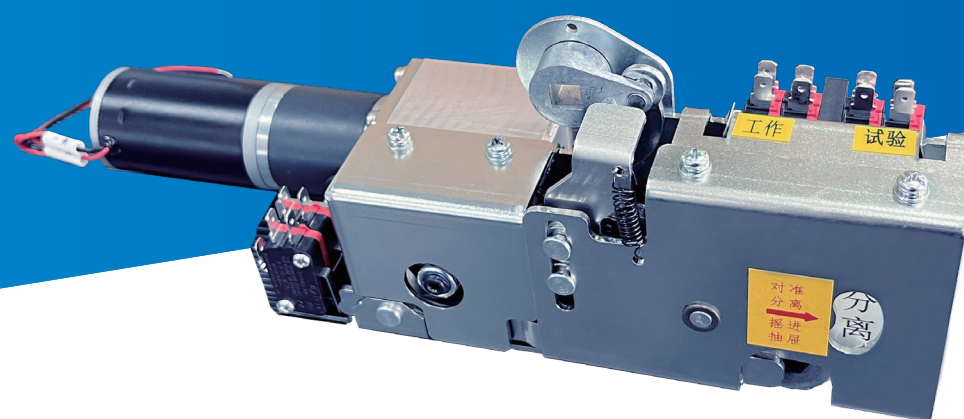


SKC LOW-VOLTAGE ELECTRIC DRAWER





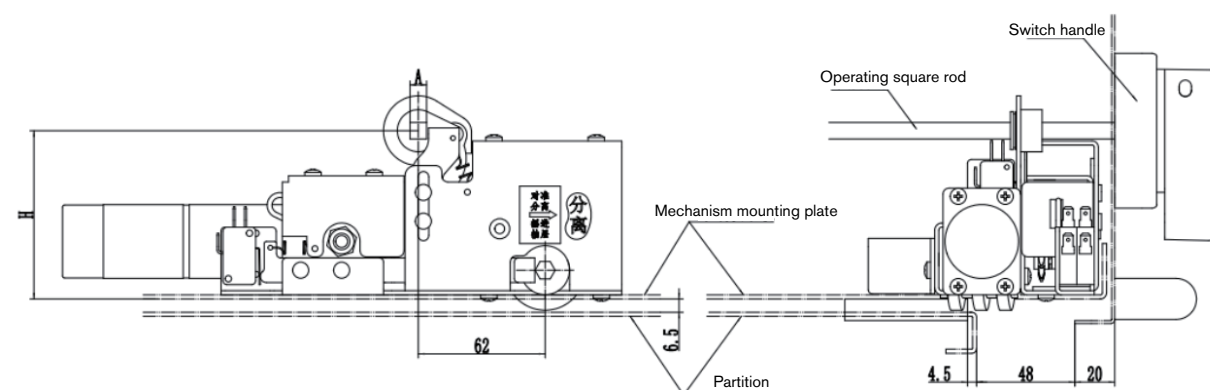
Electric Drive Mechanism SKC-SY/DD2- □ .



Structural Features

The SKC-SY/DD2 series electric drive interlock mechanism adds motorized operation to the original second-generation cabinet's XJY1 hand-crank interlock. It uses a specially designed miniature permanent magnet DC motor, maintaining the original installation dimensions and interlock functions while utilizing spare space in the drawer. Equipped with a clutch, it allows both manual and motorized operation, featuring a simple and highly versatile design.

Dimensions



FEATHER

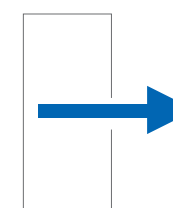
- Integrated structure
- Retaining the mechanical interlock for closing
- with manual priority function

Main Technical Parameters

Item	Value
Rated voltage	DC24V
Electric Power	15W
Insertion/Withdrawal Time	≤ 7s (One-way)
Environmental Temperature	-25°C to 50°C

Modle	H	A
SKC-SY/DD2-8.1	69	8X8
SKC-SY/DD2-10.1		10X10
SKC-SY/DD2-8.2	82	8X8
SKC-SY/DD2-10.2		10X10
SKC-SY/DD2-8.3	119	8X8
SKC-SY/DD2-10.3		10X10

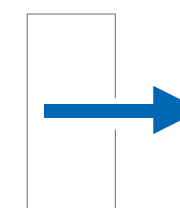
Electric Position Description



SEPARATE

Separate Position:

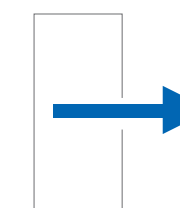
In this position, the drawer can be inserted or withdrawn, with no power supplied to it.



TEST

Test Position:

After manually moving from the isolation position to the test position, the limit switch engages, connecting the secondary test circuit and powering the drawer for motorized operation.



CONNECTION

Connection Position:

Motorized operation moves the drawer forward 24mm to the working position.

Model Composition And Meaning

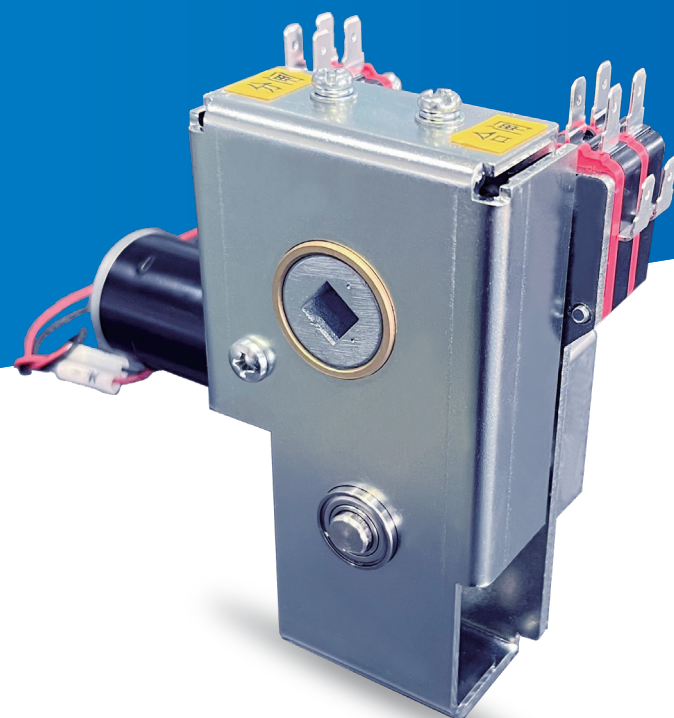
Note: If a test sample is required, please contact us.

SKC - SY / DD □ - A - □ . □

- Closing Interlock Height: 1-69, 2-82, 3-119
- Square Shaft Size: 8 for 8x8, 10 for 10x10
- A: Adapts to standard market motor-operating mechanisms (blank indicates SKC-CZ motor-operating mechanism)
- Design No.
- Electric Drive Mechanism
- Company Low-Voltage Product Code

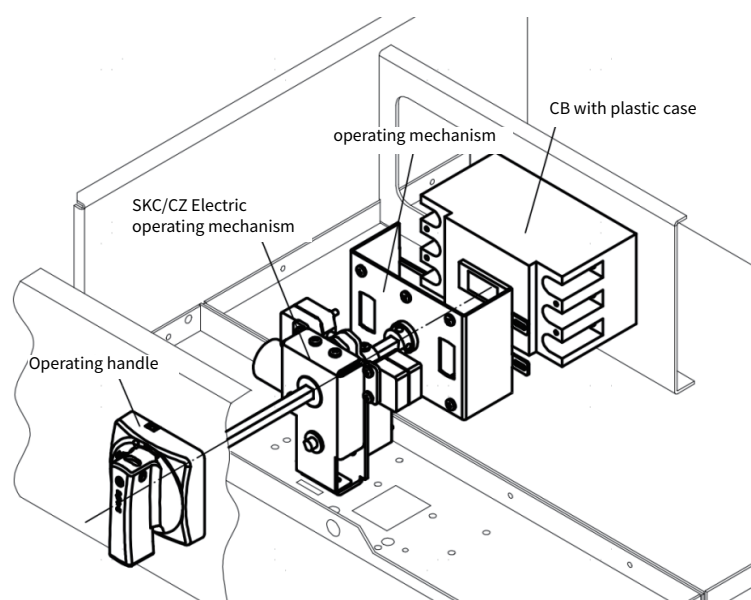


Electric Operating Mechanism SKC-CZ/DD2- □ . □



Structural Features

The CZ/DD2 series motorized operating mechanism adds electric drive functionality to the original CZ2 and CZ3 series low-voltage manual operating mechanisms, providing the essential hardware foundation for achieving intelligent, programmable, and remote-controlled switchgear. It employs a specially designed miniature permanent magnet DC motor, making full use of the available space within the original drawer and mounting directly onto the existing square shaft. This design requires no changes to the original manual mechanism's height, external dimensions, installation specifications, or interlock functions. After each motorized operation, it automatically reverts to manual mode, enabling both manual and electric operation. The mechanism features a simple structure and broad compatibility.



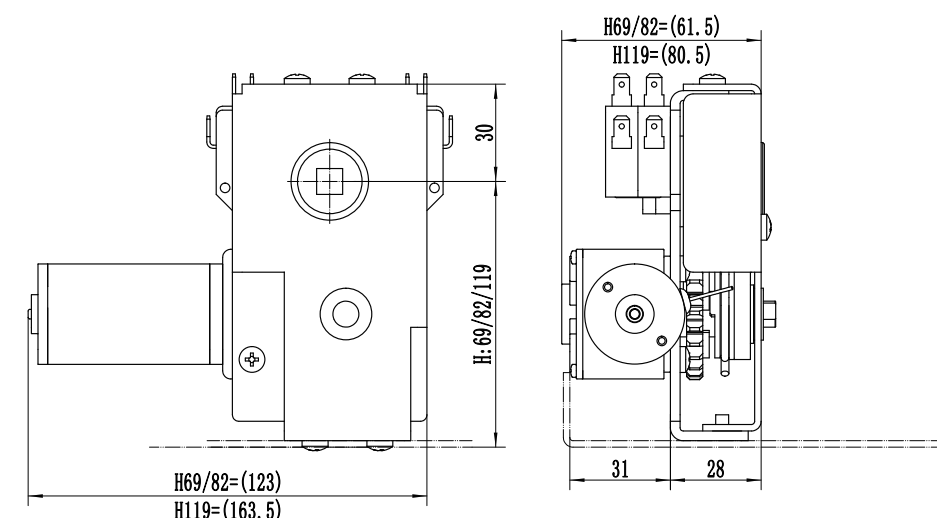
SKC LOW-VOLTAGE ELECTRIC DRAWER

ZIVA
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FEATHER

- Retain handle operation
- equipped with a clutch to accommodate both manual and electric operation

Dimensions



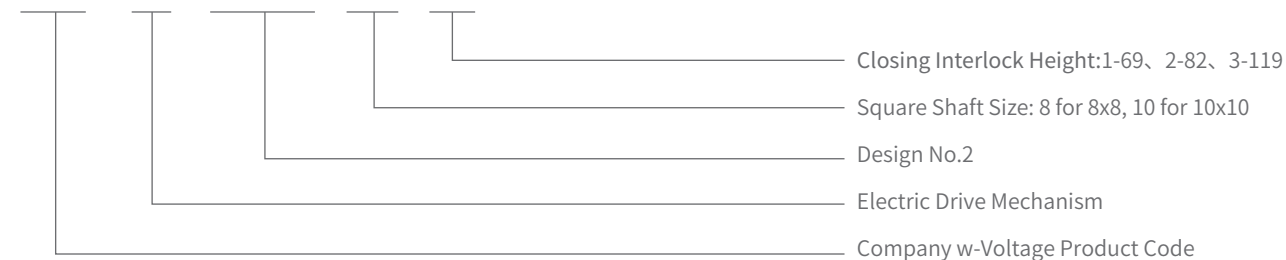
Main Technical Paramrtrs

Item	Value
Rated voltage	DC24V
Electric Power	15W
Insertion/Withdrawal Time	≤ 5s (One way)
Environmental Temperature	-25°C to 50°C

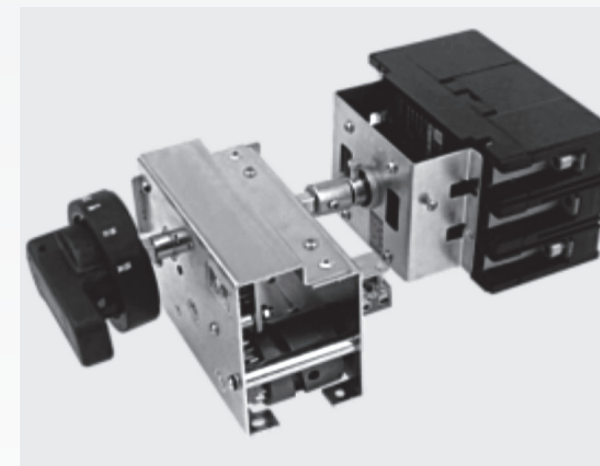
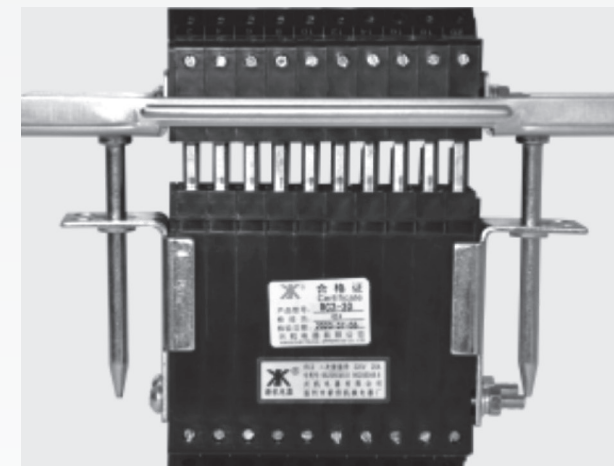
Modle	H	A
SKC-SY/DD2-8.1	69	8X8
SKC-SY/DD2-10.1		10X10
SKC-SY/DD2-8.2	82	8X8
SKC-SY/DD2-10.2		10X10
SKC-SY/DD2-8.3	119	8X8
SKC-SY/DD2-10.3		10X10

Model Composition and Meaning

SKC - CZ / DD □ - □ . □



ACCESSORIES OF LV SWITCHGEAR



CJG-2 type Operating Mechanism



Features: The CJG-1/Undervoltage and CJG-3/Undervoltage mechanisms are specifically designed for circuit breakers equipped with undervoltage protection. Their external installation dimensions are identical to those of the corresponding CJG-1 and CJG-3 models, with the only difference being the indicator plate on the operating handle. To close the breaker, press and hold the handle while rotating it to the "I" position; to open it, press and hold the handle while rotating it to the "0" position. The operation must be performed in one continuous motion without pausing midway.

[illegible]

The CJG-1/Z(1G) and CJG-3/DC(4B) mechanisms are specially designed for drawers equipped with electric operating mechanisms. Their external installation dimensions correspond exactly to those of the CJG-1 and CJG-3 models, with the only addition being a micro switch. This additional micro switch is activated during the opening and closing operations of the switch.

CJG -

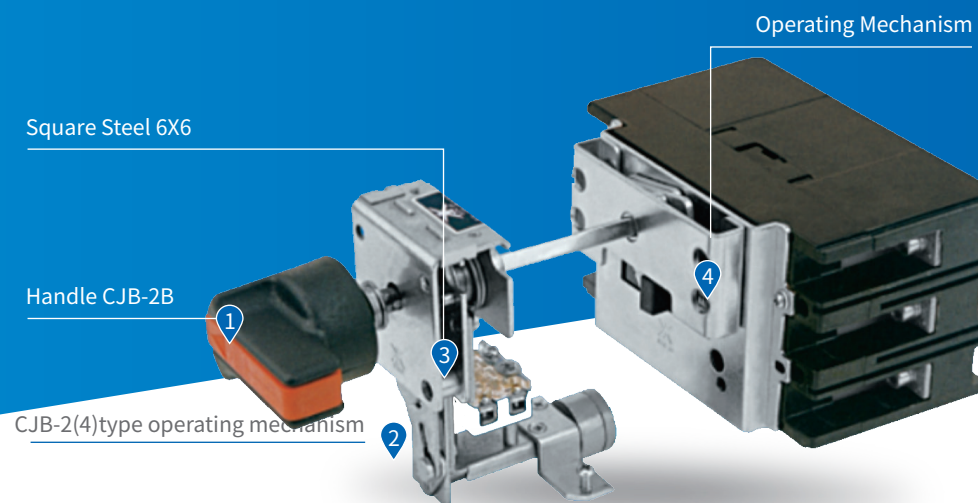
Design No. (1、3)

GCS Operating Mechanism Code

Handle Modle	Handle Dimension
CJG-1B	L=65
CJG-3B	L=95
CJG-4B	L=125
CJG-5B	L=80

If further operation is required, it must be done by pressing and holding manually in one continuous motion without stopping midway.

CJG2(4)-type Operation Mechanism



Features

CJG-2 and CJG-4 operating mechanisms are specifically designed for 1/2-cell drawers used in GCS-type low-voltage draw-out switchgear. They enable the functions of opening, closing, testing, isolating, and locking, which are operated from the drawer panel. Additionally, a micro switch is mounted on the operating mechanism. It serves to electrically interlock the switching apparatus as the operating handle rotates within a 360° range.

Model Composition And Meaning

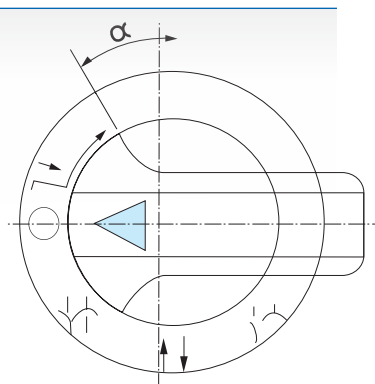
CGS - 2/4

Design Code: 2 indicates a 60-degree switching operation, and 4 indicates a 90-degree switching operation.

GCS Operating Mechanism Designation Code

Installation Diagram for CJG-1 and CJG-3 Type Operating Mechanisms

- I Working Position: Main switch closed, assembly locked.
 - Main Switch Tripped: Main circuit open, control circuit remains energized, assembly locked.
 - ↕ Test Position: Main switch open, control circuit energized, assembly locked.
 - ⚡ Withdrawn Position: Both main circuit and control circuit disconnected.
 - ↖ Isolation Position: Withdrawn by 30 mm, both main circuit and control circuit disconnected, assembly locked.
- The operating handle must be pressed inward before it can be rotated from position 0 to position I to open or close the circuit breaker.

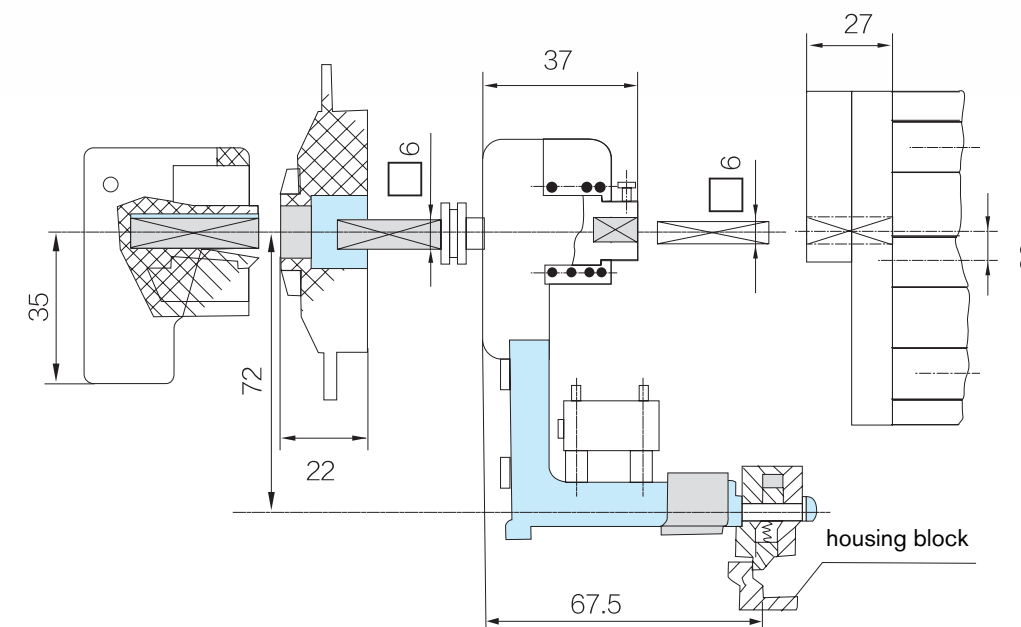


If further operation is required, it must be done by pressing and holding manually in one continuous motion without stopping midway.

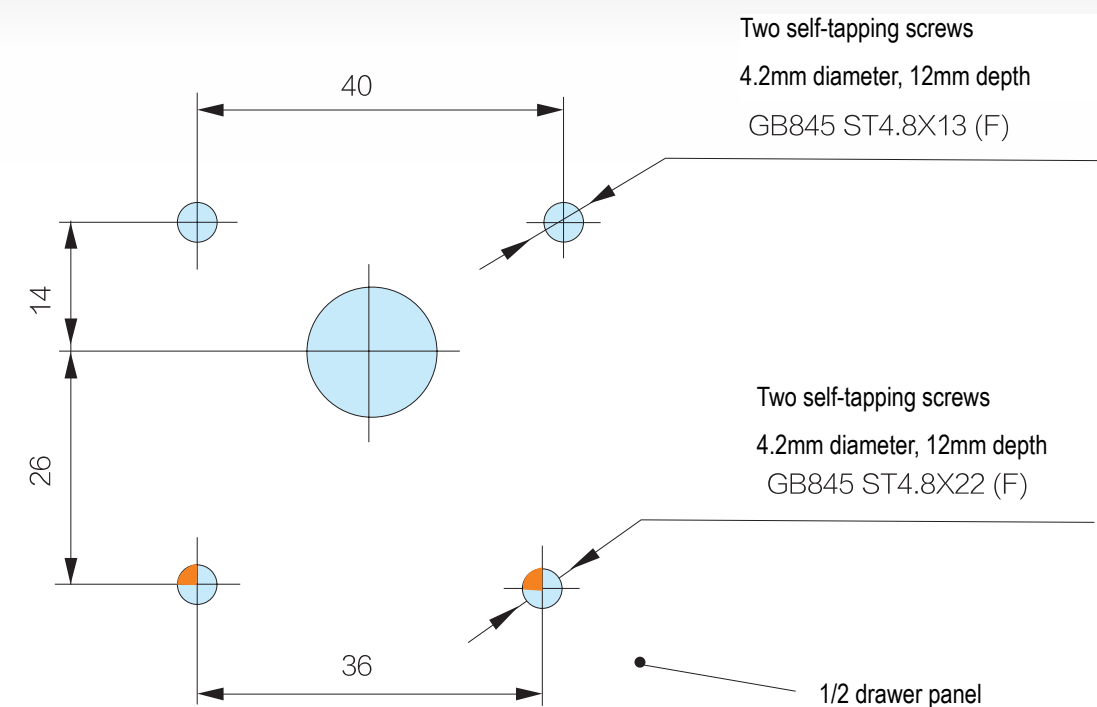
Model	Handle Dimension	Note
CJG-2 Type	L=65	90° I/O
CJG-4 Type	L=95	90° I/O



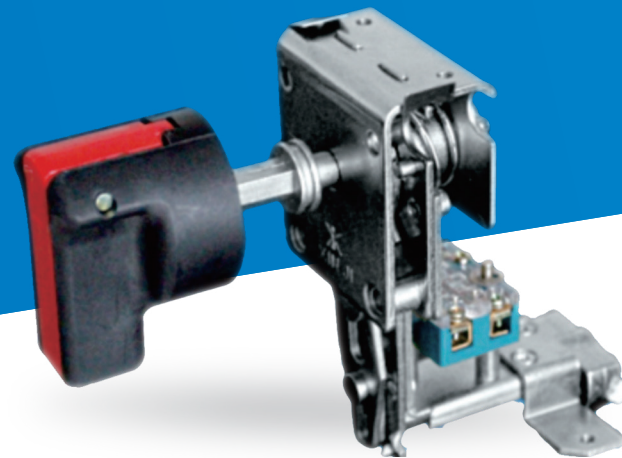
CJG-2、4 Type Operating Mechanism Installation Diagram



CJG-2、4 Type Operating Mechanism Panel Cutout Installation Dimension



CJG-5(6) Type Operating Mechanism



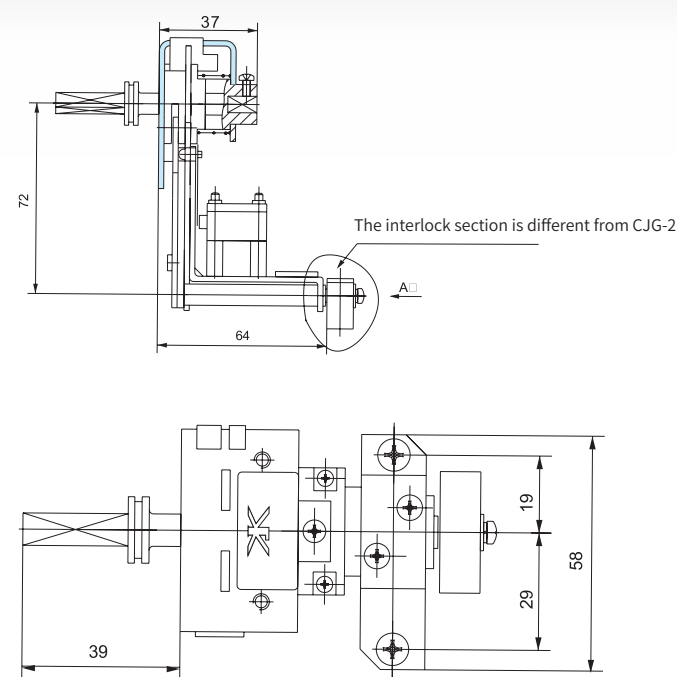
Features

CJG-5(6) Operating Mechanism is modified from CJG-2(4) by removing the frame stopper and adding an internal limit block on the frame, with all other features unchanged.

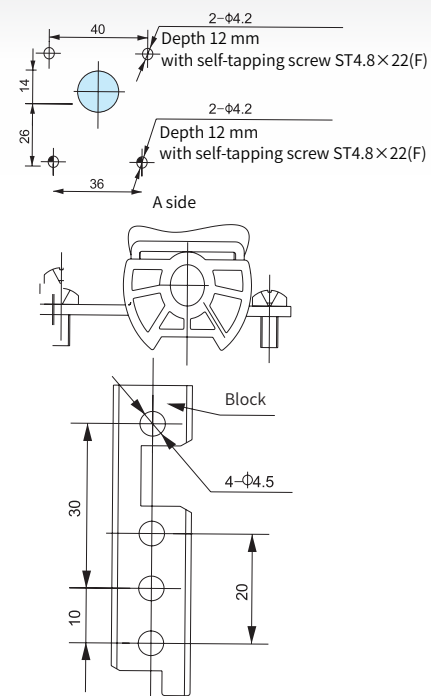
Advantage

The interlock is reliable, preventing damage to the latch of the CJG-2(4) mechanism caused by friction during racking in and out.

CJG-5(6) Type Operation Mechanism Dimension



GJG-5 Type Operating Mechanism External Mounting Hole Dimension Diagram



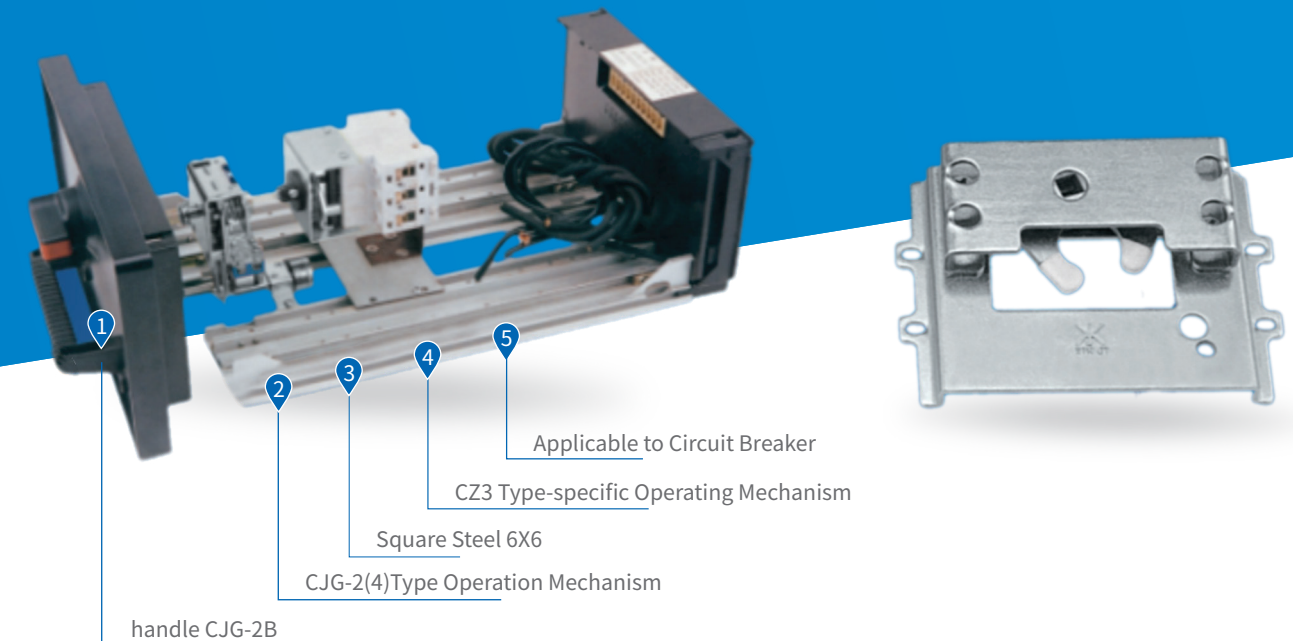
External Mounting Hole Dimension Diagram

CJG-2 Mechanism Matched with C45 and C65 Switches

Matched with CJG-2 Special Operating Mechanism

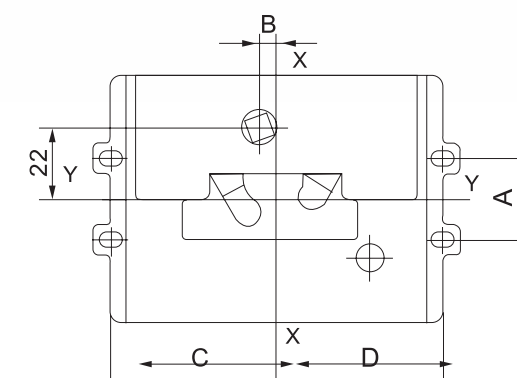
CZ3-183 ☐ Series Mechanism

CZ3-17 Series

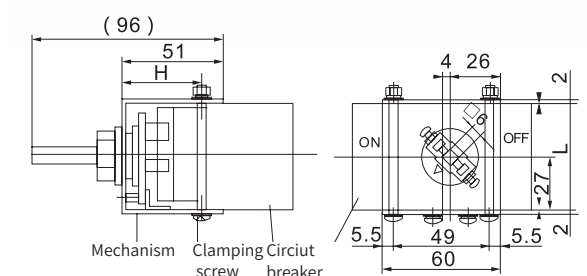


Installation Dimension Diagram for Series A Operating Mechanism

Installation Dimension Diagram for CZ3-17 □ Series Operating Mechanism



Installation Dimension Diagram for CZ3-183 □ Series Operating Mechanism



Installation Dimension Table For CJG-2 Style Operating Mechanism

Model	Suitable for Circuit Breakers	Cutout Location (Square)			
		A	B	C	D
CZ3-171	CM1-100 TM30-100 SM30-100 etc.	30	5	52	52
CZ3-171.3	S(D)-100	30	5	66	66
CZ3-171.4	NM1-100H	30	2	52	52
CZ3-171.5	KFM2-100	30	5	66	66
CZ3-172	CM1-63 TM30-63 SM100-63 etc.	25	5	50	50
CZ3-172.2	NF63-HW/CW/SW	25	5	55	55
CZ3-172.3	BMM-63	25	5	55	55
CZ3-172.4	NSD-100	25	3	55	55
CZ3-172.5	NF32-SW	25	3	55	50
CZ3-172.6	KFM2-63	25	5	50	50
CZ3-173.1	S1 HSM1-125RMM1-63H, 100C etc.	25	-5	50	50
CZ3-173	S2 HSM1-160 etc.	30	-5	50	50
CZ3-178	TC-100BDW	30	10	55	45

No	Model	Applicable Switch Model(s)	Clamping Screw	H	L
1	CZ3-183	C45/3P	M4×65	44	54
2	CZ3-183F	C45/3P+Aux. Contact	M4×75	44	63
3	CZ3-183.1	C45/4P	M4×85	44	72
4	CZ3-183.4	C65/3P	M4×65	40	54
5	CZ3-184.4F	C65/3P+Aux. Contact	M4×75	40	63
6	CZ3-183.8	C65/4P	M4×85	40	72

CJG-□Style Mechanism Selection Handle Parameter Table

Operating Mechanism Model	Selected Handle Model	L	Name	Connecting Rod Code	Applicable Number of Drawer Units	Matched CB Mechanism
CJG-1 Type	CJG-1B	65	Connecting Rod 8x8	GCS-TC-00090	1 Unit	Select CJ2 Mechanism or CJ3 Mechanism
	CJG-5B	80	Connecting Rod 6x6	GCS-TC-00096	≥ 1.5 Unit	
	CJG-3B	95	Connecting Rod 10x10	GCS-TC-0089	≥ 2 Unit	
CJG-3 Type	CJG-4B	125				



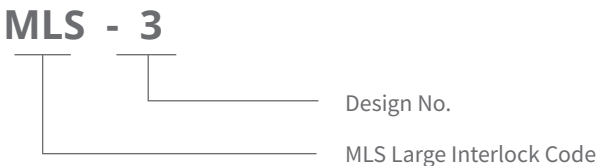
MLS-3 STYLE OPERATING MECHANISM SERIES



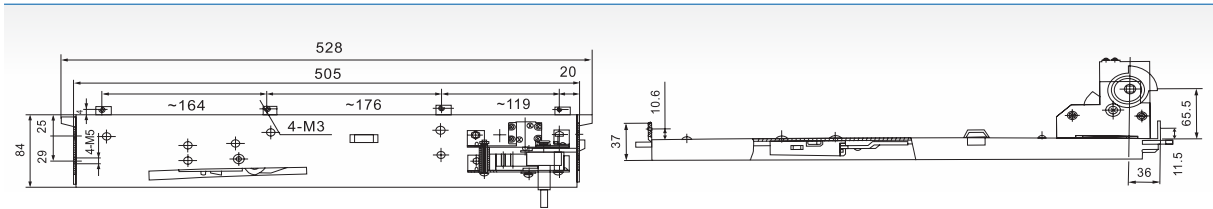
Features

MLS-3 Large Interlock System is a dedicated operating component for drawers of 1 unit and above in MLS-type Low-Voltage Withdrawable Switchgear.

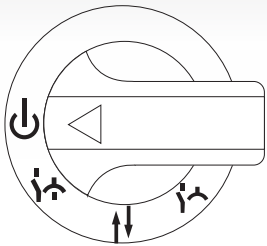
Model Composition and Meaning



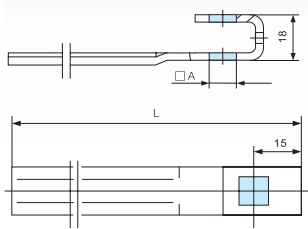
MLS-3 Large Interlock Dimension Drawing



Operating Handle (Non-withdrawable with Test Position) Assembly - Operating Handle Position Description



MLS Latch Tongue Outline and Dimension Table



Note: The latch tongue can be customized according to length L and square hole A.

- Working Position: The assembly is locked. The main switch (isolating switch or molded case switch) is operable (via a separate handle). The handle can only be turned to the test position after the main switch is open.
- Test Position: The main switch is open. The control circuit is energized. The assembly is locked.
- Withdrawn Position: Both the main circuit and secondary circuits are disconnected.
- Isolation Position: The assembly is withdrawn 30 mm. Both the main circuit and secondary circuits are disconnected. The assembly is mechanically interlocked and locked.

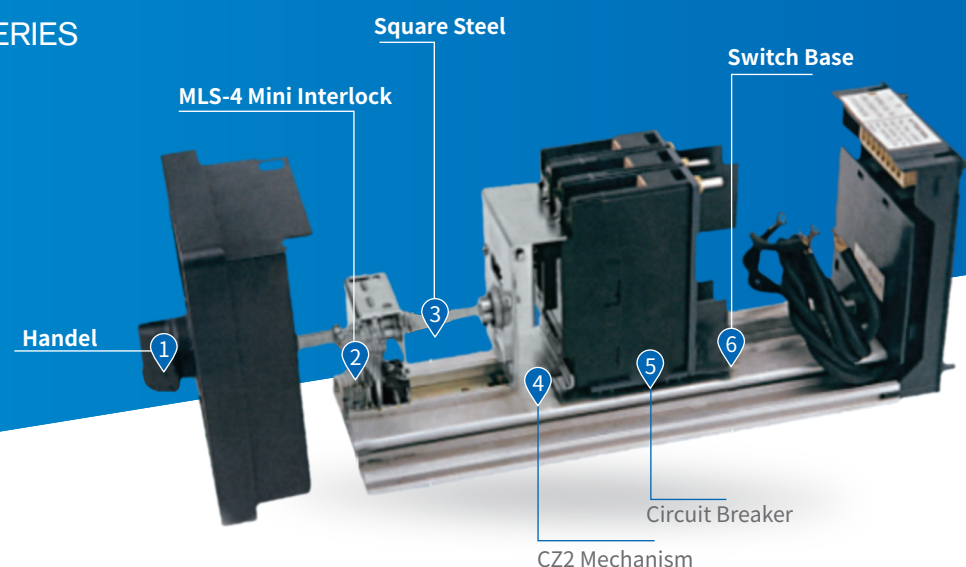
Model	L	A	Model	L	A
Latch Tongue MLS200069.1	108	8	Latch Tongue MLS200069.14	140	8
Latch Tongue MLS200069.2	120	8	Latch Tongue MLS200069.15	167	10
Latch Tongue MLS200069.3	150	10	Latch Tongue MLS200069.17	133	8
Latch Tongue MLS200069.4	166	10	Latch Tongue MLS200069.18	133	10
Latch Tongue MLS200069.5	160	8	Latch Tongue MLS200069.20	127	8
Latch Tongue MLS200069.6	160	10	Latch Tongue MLS200069.21	108	10
Latch Tongue MLS200069.11	128	8	Latch Tongue MLS200069.22	173	10
Latch Tongue MLS200069.12	127	10	Latch Tongue MLS200069.23	130	8
Latch Tongue MLS200069.13	147	10	Latch Tongue MLS200069.24	130	10





MLS-4 Type Operating Mechanism

MLS-4 STYLE OPERATING MECHANISM SERIES



Features

The MLS-4 Mini Interlock is a dedicated operating component for 8E/2 and 8E/4 unit drawers in the MLS-type Low-Voltage Withdrawable Switchgear. By operating the handle mounted on the drawer front panel within a 360° rotation range, it enables the switching functions of ON, OFF, TEST, and isolation locking.

Model Composition and Meaning

MLS - 4

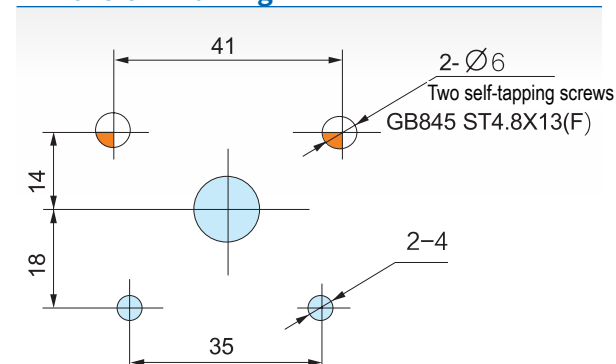
Design No.

MLS Large Interlock Code

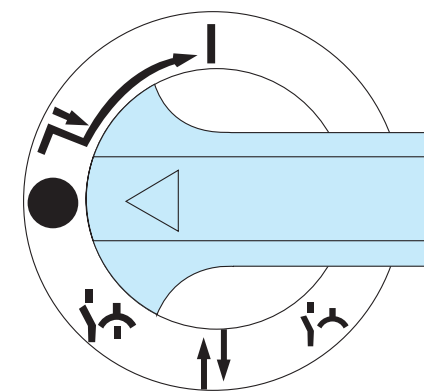
MLS-4 Mini Interlock Accessories Diagram



MLS-4 Mini Interlock to Panel Connection Dimension Drawing



CJG-2 and CJG-4 Operating Mechanism Installation Diagram



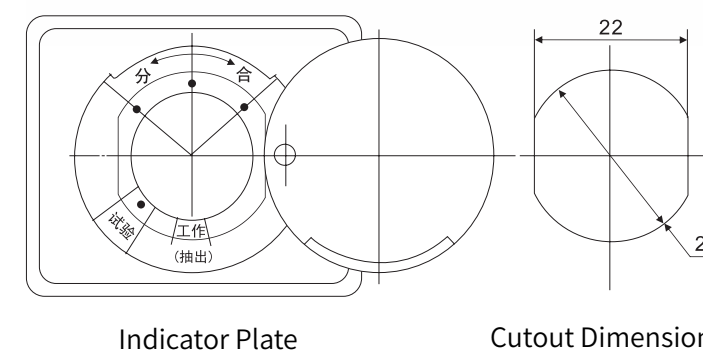
- I Working Position: Main switch closed, assembly locked.
- O Main Switch Open: Main circuit disconnected, control circuit remains energized, assembly locked.
- ↕ Test Position: Main switch open, control circuit energized, assembly locked.
- ↕ Withdrawn Position: Both main and control circuits disconnected.
- ↕ Isolation Position: Withdrawn 30 mm, main and control circuits both disconnected, assembly locked.
- ↕ The operating handle must be pressed inward before it can be turned from position 0 to position I.

Up to three padlocks can be added to the operating handle for safety assurance, allowing the main switch to be locked in the open, test, and isolation positions.



If further operation is required, it must be done by pressing and holding manually in one continuous motion without stopping midway.

Indicator Plate 8WXJ.860.042



- I Work Position: Main switch closed, assembly locked.
- ↕ Test Position: Main switch open/close allowed, control circuit energized.
- ↕ Withdrawn Position: Main and secondary circuits disconnected.



Note: This indicator plate is for use with HD-2 driving mechanism.



CZ2-A- □ Operating Mechanism

CZ2-A- □ OPERATING
MECHANISM SERIES



CZ2-B- □ Operation Mechanism

CZ2-B- □ OPERATING
MECHANISM SERIES



Feature

CZ2 operating mechanism features a unique rotating design for smooth breaker opening, closing, and resetting. Easy to install and adjust, with performance exceeding similar products. Compatible with A, B, and C rotary handles — users can choose as needed. Type-tested and certified by the National Electric Testing Center.

Purpose

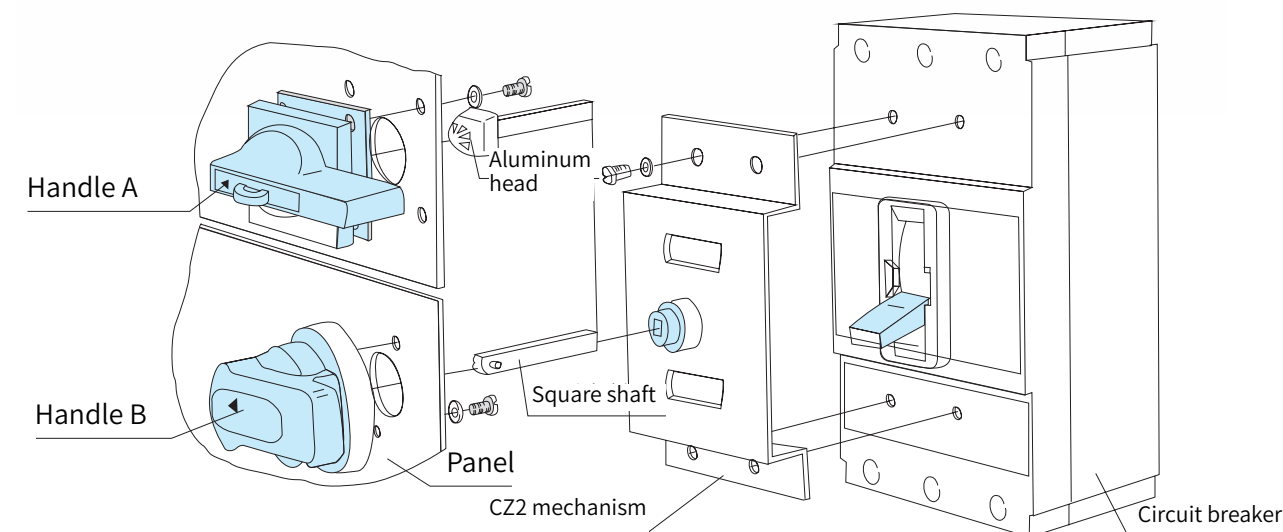
This mechanism is suitable for use with molded case circuit breakers of the CM1, NS, NM1, CDM1, LG, NF, S(), T(), TM30, SM30 series, etc. It enables panel-mounted operation for draw-out cabinets, distribution cabinets, and power distribution boxes via a rotary handle.

Model Composition and Meaning

CZ2 - □ □ - □ □ □

- Circuit breaker model/specification code
- Handle specification code (No. 1, No. 2, No. 3)
- Handle type code (Type A, Type B, Type C, Type S)
- Design No.
- Rotary operating mechanism

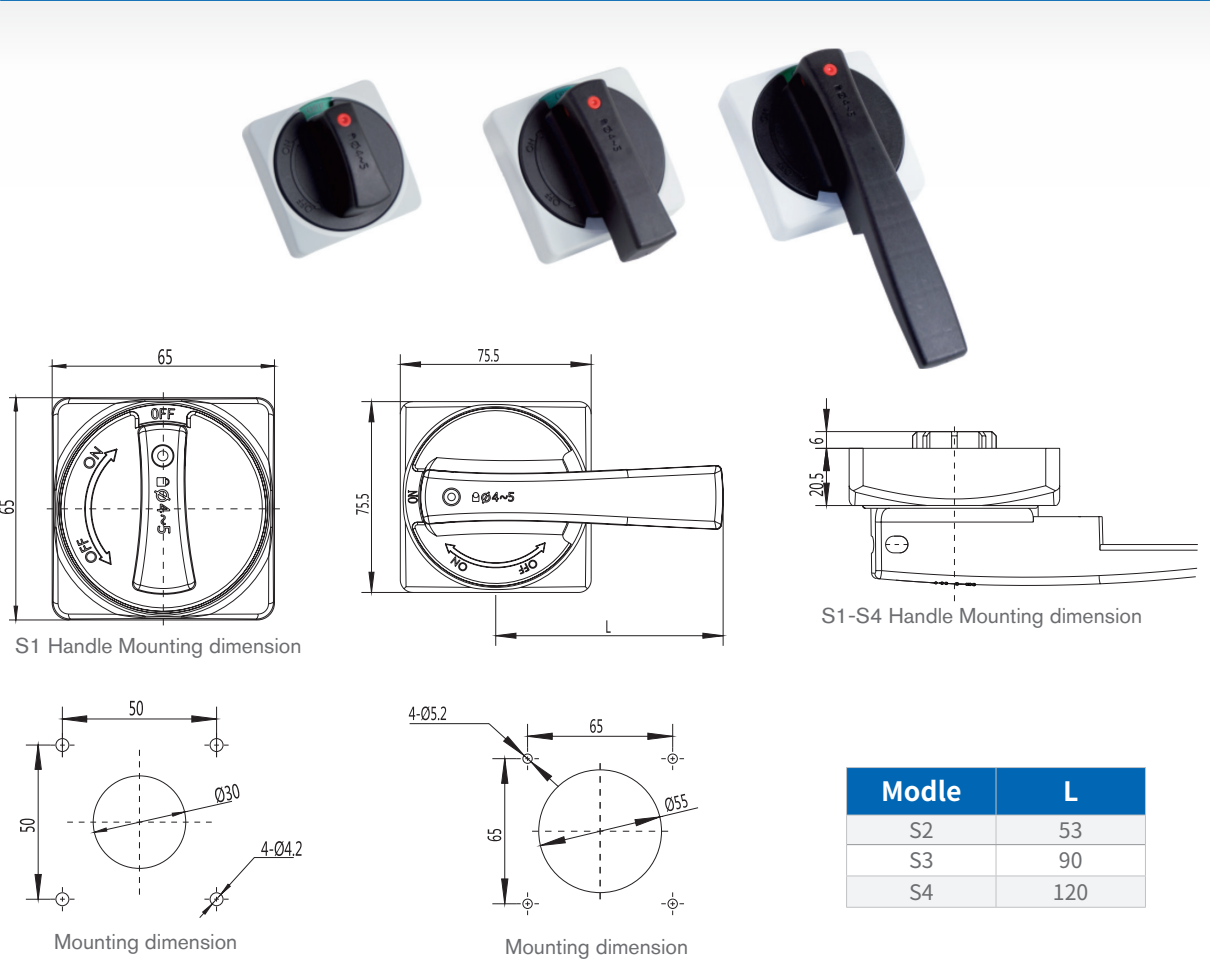
CZ2 Type Operating Mechanism Installation Diagram



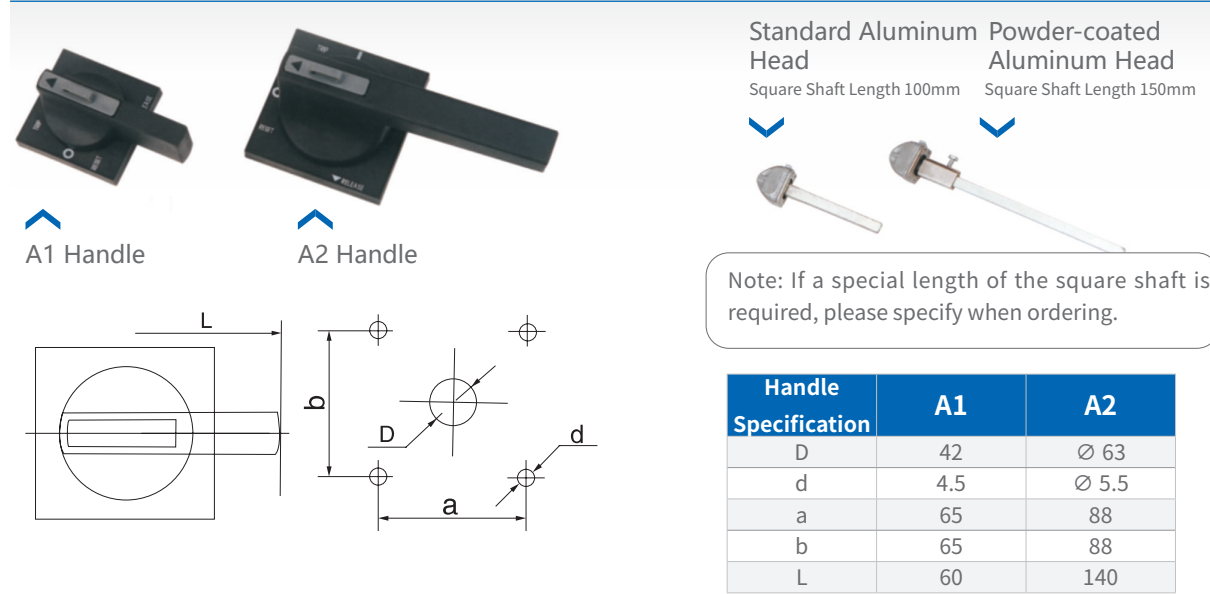
Note: The center of the handle should be no less than 100mm from the hinge. Please specify when ordering if it includes an undervoltage release handle.



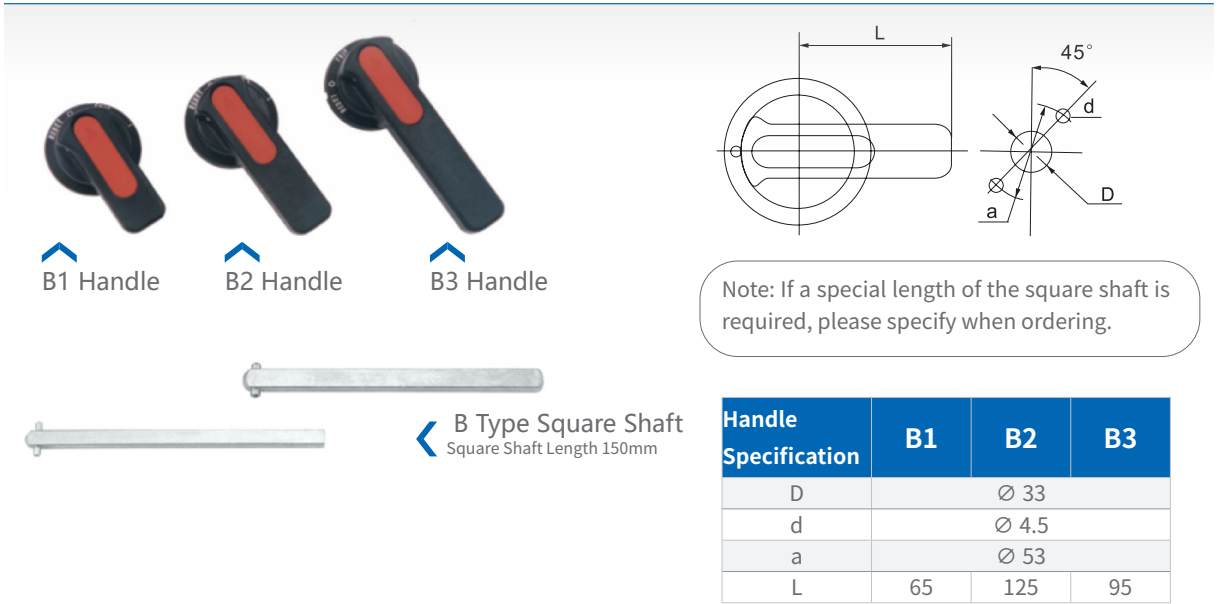
S Type Handle Mounting Dimensions



A Type Handle Mounting Dimensions



B Type Handle Mounting Dimensions

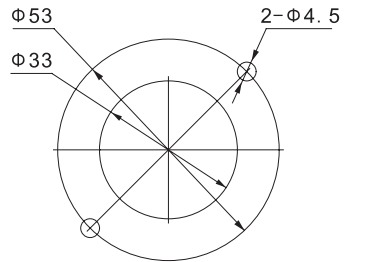


C Type Handle Mounting Dimensions



C1、C2、C3 Handle

- C1、C2、C3 Suitable for one-unit and larger drawers or fixed-separation units.
- C1、C2、C3 Handle Mounting Dimensions



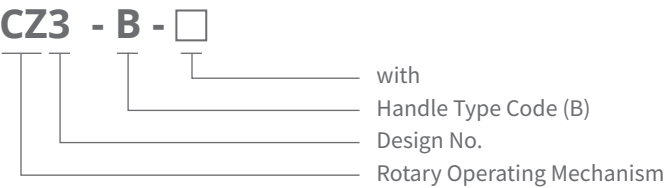
CZ3-B- □ Operating Mechanism



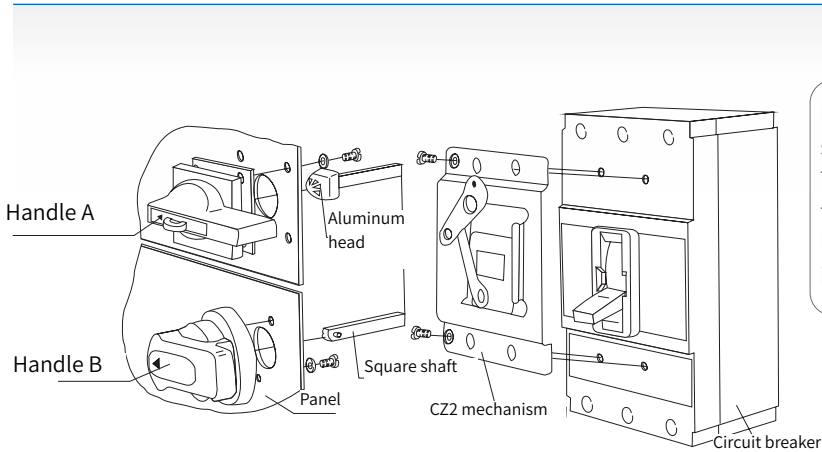
Main Purpose and Scope of Application

This operating mechanism employs a crank-slider principle, where the slider drives the handle of the circuit breaker. By rotating the handle, the crank-slider mechanism is activated, enabling on-panel operation of the drawer, distribution cabinet, or power box to fulfill the requirements of switching, closing, and resetting of the molded-case circuit breaker. The operation is flexible, smooth, and suitable for configuration in various positions.

Model Composition and Meaning



CZ3 Type Operating Mechanism Installation Diagram



Cutout Dimension Diagram

Note: If a Type A handle is required, please specify when ordering.
The distance from the center of the handle to the hinge should be no less than 100mm.
If an undervoltage release handle is included, please indicate when ordering.

Note: For selecting the handle (Type A, Type B, Type C, or Type S handle), please refer to pages 13-14 of the instruction manual.



ACCESSORIES OF LV SWITCHGEAR



ABB Miniature Circuit Breaker Operating Mechanism Model and Installation Diagram

Mechanism Model	Compatible Circuit Breaker	Application
CZ3-196	S250(2-3P)	Suitable for GCS cabinet 1/2-unit 60 ° Open/Close operation
	S270(2-3P)	
	S500(2-3P)	
CZ3-197	S250(2-3P)	suitable for MLS cabinet or other drawer cabinets 90° Open/Close operation
	S270(2-3P)	
	S500(2-3P)	

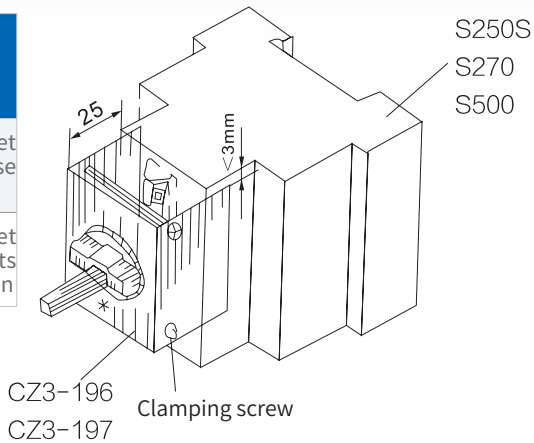
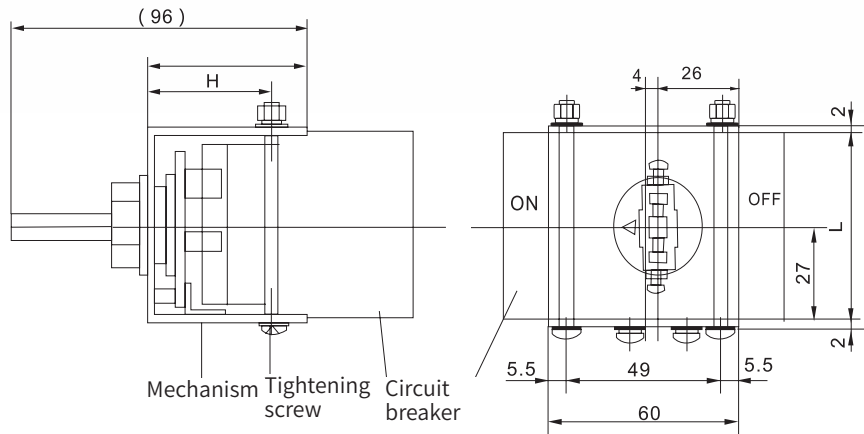


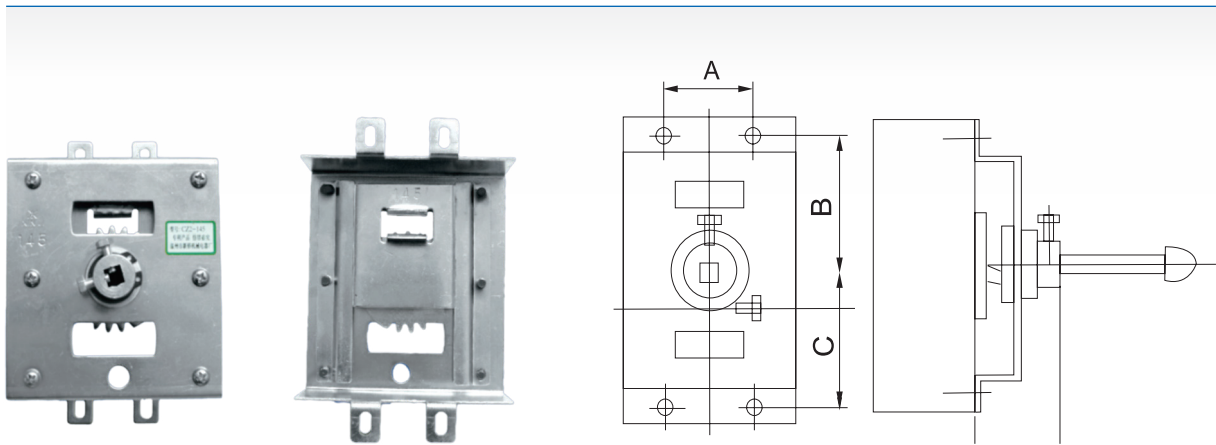
ABB Miniature Circuit Breaker Operating Mechanism Model and Installation Diagram



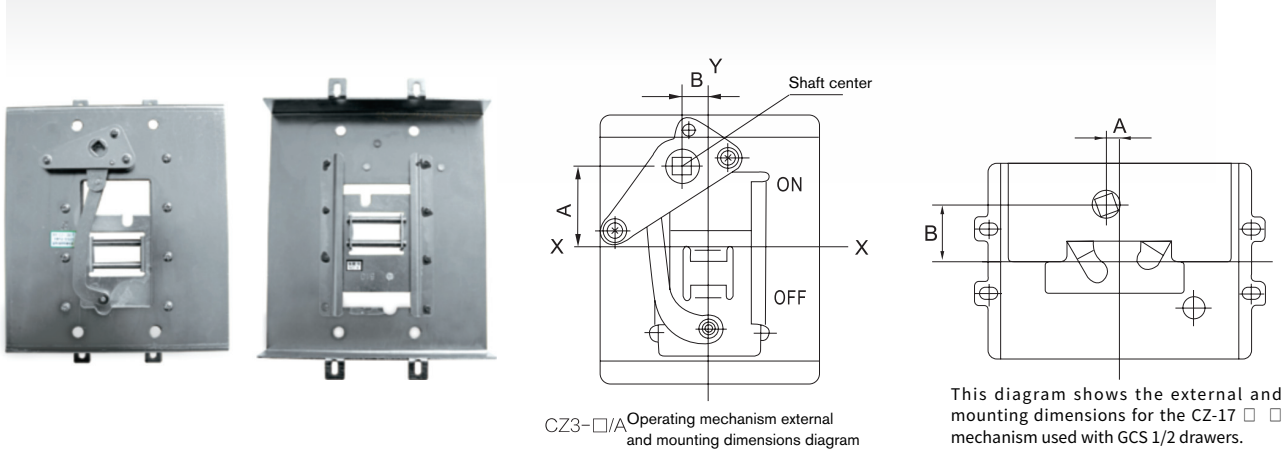
No.	Model	Compatible Circuit Breaker	Clamping Screw	H	L	Note
1	CZ3-184	C45/3p	M4×65	44	54	For MLS, GCK, and other withdrawable switchgear and distribution cabinets.
2	CZ3-184F	C45/3p+Aux. Contact	M4×75	44	62	
3	CZ3-184.1	C45/4p	M4×85	44	72	
4	CZ3-184.4	C65/3p	M4×65	40	54	
5	CZ3-184.4F	C65/3p+Aux.	M4×75	40	62	
6	CZ3-184.8	C45/4p	M4×85	40	72	
7	CZ3-184/L2	C45/2p+RC	M4×90	44	63+13 Tube	
8	CZ3-184/L3	C45/3p+RC	M4×105	44	90	

Mounting dimension table for operating mechanism models compatible with C45 and C65 circuit breaker series.

CZ2 Operating Mechanism Outline and Mounting Dimension Drawing



CZ3 Operating Mechanism Outline and Mounting Dimension Drawing



Mounting Dimensions A, B, C, S and Model of the Operating Mechanisms (CJ2, CJ3) Matched with the Circuit Breaker.

Note:

- 1.If a handle is required with the order, please specify whether it is Type A, Type B, Type C, Type S handle, or a connecting rod.
- 2.The central mechanism is supplied by default. Plug-in or withdrawable type must be specified. For offset mechanisms, the A and B dimensions provided by our company, or the specific mechanism model, must be indicated.
- 3.To meet the requirements of various switchgear assemblies, customization can be performed after receiving the customer's circuit breaker.
- 4.The CJ2-131A and CJ2-132.1 mechanisms are supplied with a switch base only, without copper studs. If copper studs are required, please state this on the order.

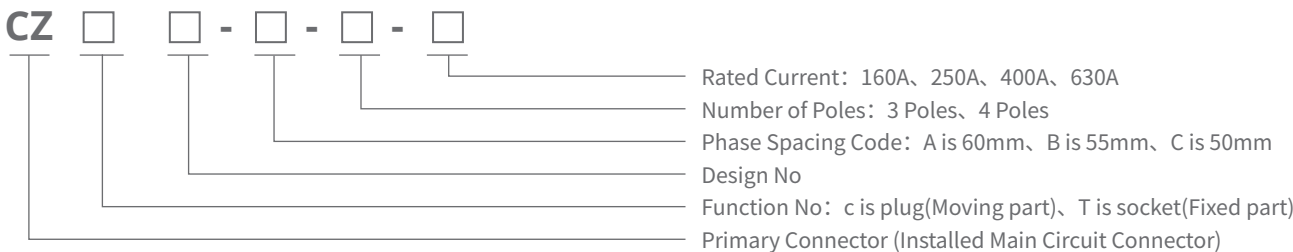


PRIMARY CIRCUIT
CONNECTOR SERIES



PRIMARY CIRCUIT CONNECTOR SERIES

CZ ^C/_T Model Composition and Meaning



CZ ^C/_T Structural Characteristics

CZ ^C/_T series primary connectors are used in low-voltage withdrawable switchgear (e.g., GCK, MNS, GCS) for main circuit electrical connections.

CZ ^C/_T Primary Connector Usage

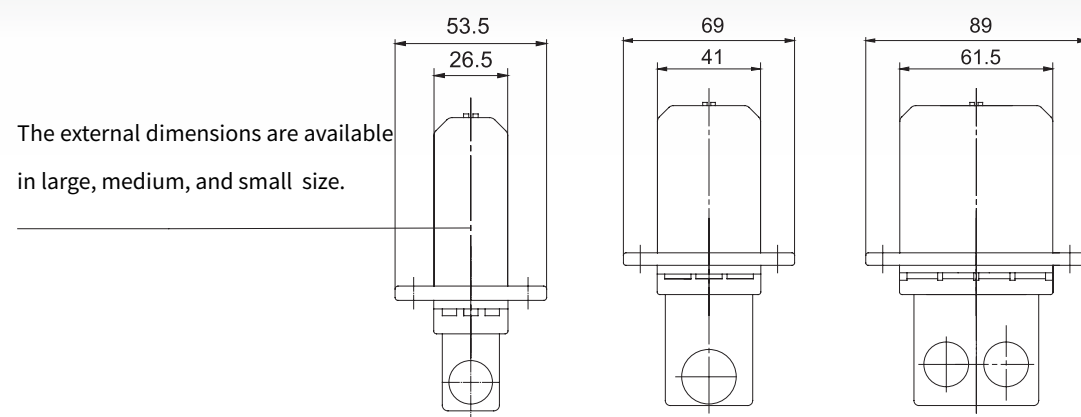
The patent-protected CZ ^C/_T series primary connectors are engineered to meet specific market demands. Featuring enclosures of high-grade DMC or PA66 for superior strength, insulation, and flame retardancy, they fully comply with JB/T 10323-2016.

Primary Technical Parameters

Item	Unit	Value
Rated Voltage	V	380(660)
Rated Frequency	HZ	50(60)
Rated Insulation Voltage	V	660(1000)
Rated Current	A	160、250、400、630
Power Frequency Withstand Voltage(1min)	KV	2.5
Rated Short-Time Withstand Current(IS)	KA	30(630A)
Flammability	Level	FV-0
Comparative Tracking Index of Enclosure(CTI)	V	≥ 400
Long-Term Heat Resistance (Temperature Index)	-	≥ 155



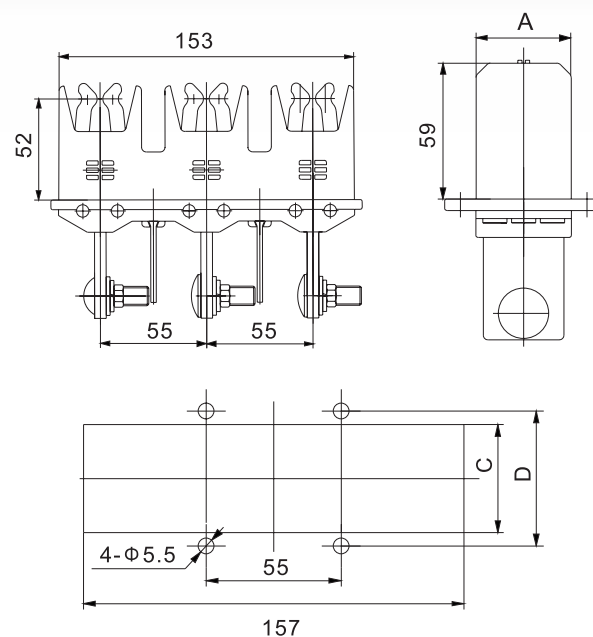
CZ2 $\frac{C}{T}$ 7 Series Primary Connector Feature



The external dimensions are available in large, medium, and small size.

Low current models are more economical, while high current models offer greater reliability.

CZC7-B-3-125A、160A、250A、400A、630A Primary Socket's Outline and Mounting Dimensions

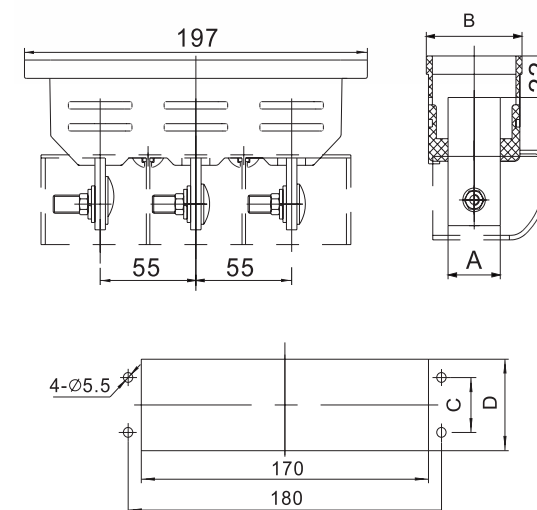


Modle	A	C	D	Bolt
CZC7-B-3-125A	26.5	28	40	M8
CZC7-B-3-160A				
CZC7-B-3-250A				

Modle	A	C	D	Bolt
CZC7-B-3-250A-II	41.5	44	55	M10
CZC7-B-3-400A				
CZC7-B-3-630A				



CZT7-B-3-125A, 160A, 250A, 400A, 630A Primary Plug's Outline and Mounting Dimensions



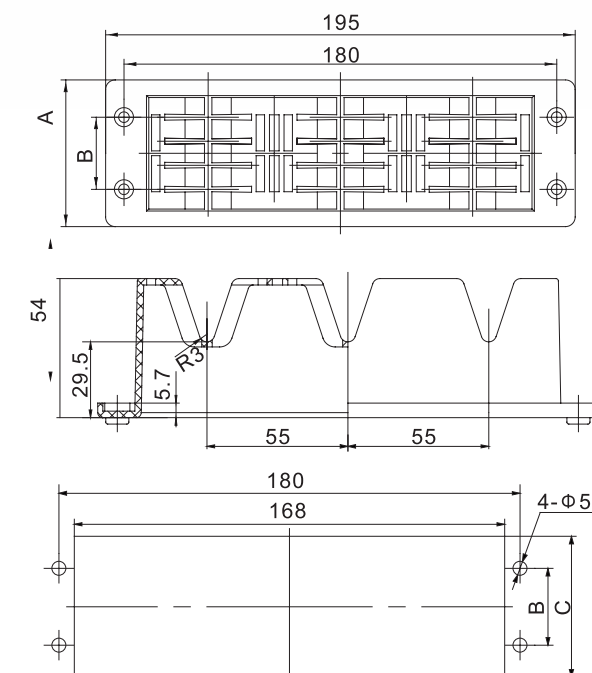
Modle	A	B	C	D	Bolt
CZT7-B-3-125A	20	39	20	36	M8
CZT7-B-3-160A					
CZT7-B-3-250A	25				
CZT7-B-3-250A-II	30	55	30	51	M10
CZT7-B-3-400A					
CZT7-B-3-630A					
		77	45	71	

Incoming Line Cover's Outline and Mounting Dimensions



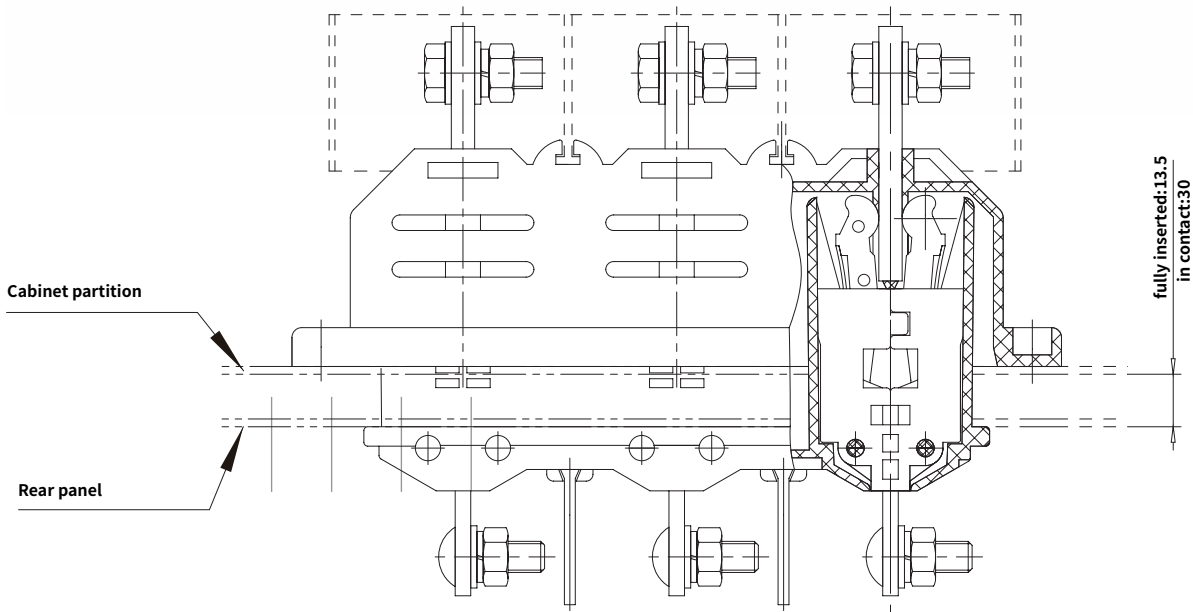
DCJ.8XJ.300.007

DCJ.8XJ.300.014



Modle	A	B	C	Bolt
DCJ.8XJ.300.007	62	30	55	for 250A
DCJ.8XJ.300.008				for 125A/160 250-II /400A
DCJ.8XJ.300.009	81	45	74	for 630A
DCJ.8XJ.300.014	43	20	37	for 125A
DCJ.8XJ.300.015				for 250A

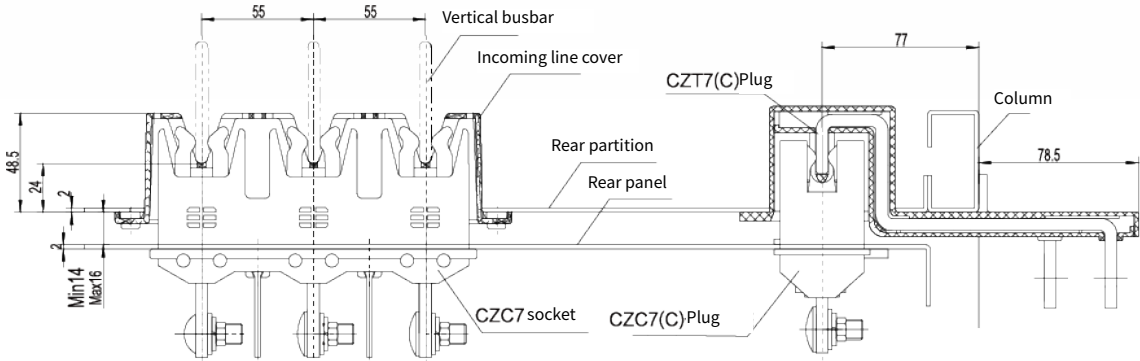
Assembly Diagram



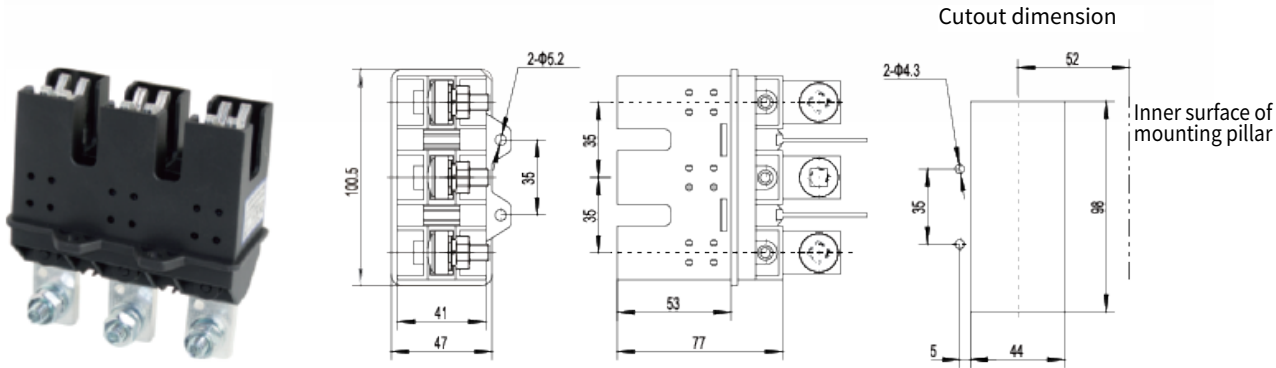
Overview of Side-outlet Primary Connectors

The CZC7(C) series side-outlet primary connectors are mainly used in low-voltage withdrawable switchgear and controlgear assemblies for side-outlet connections. When used together with the CZC7 socket, they form a complete side-outlet solution for the drawer.

Installation Diagram

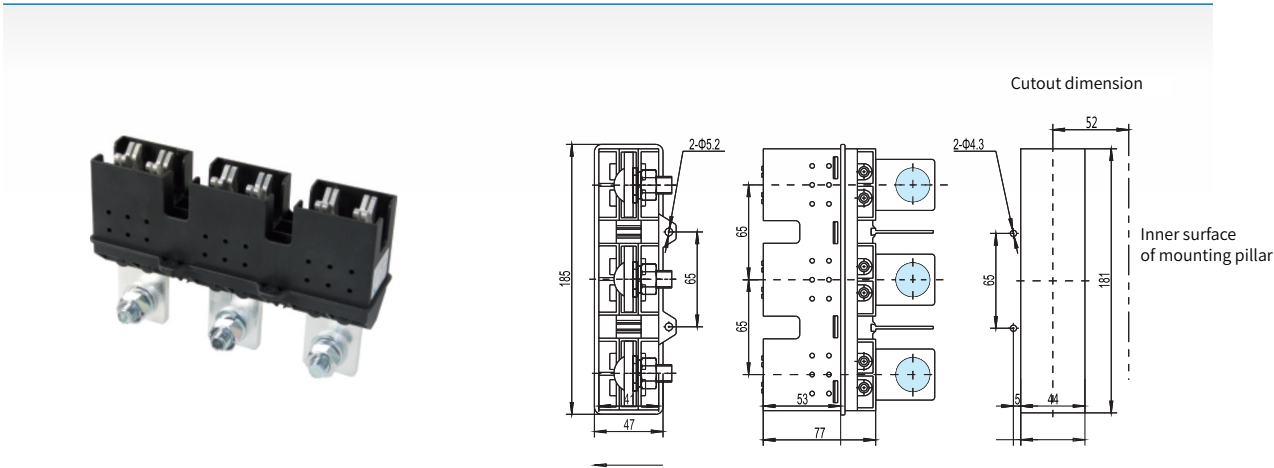


CZC7(C)-B-3-125A, 250A Primary Socket 's (side-outlet) Outline and Mounting Dimensions

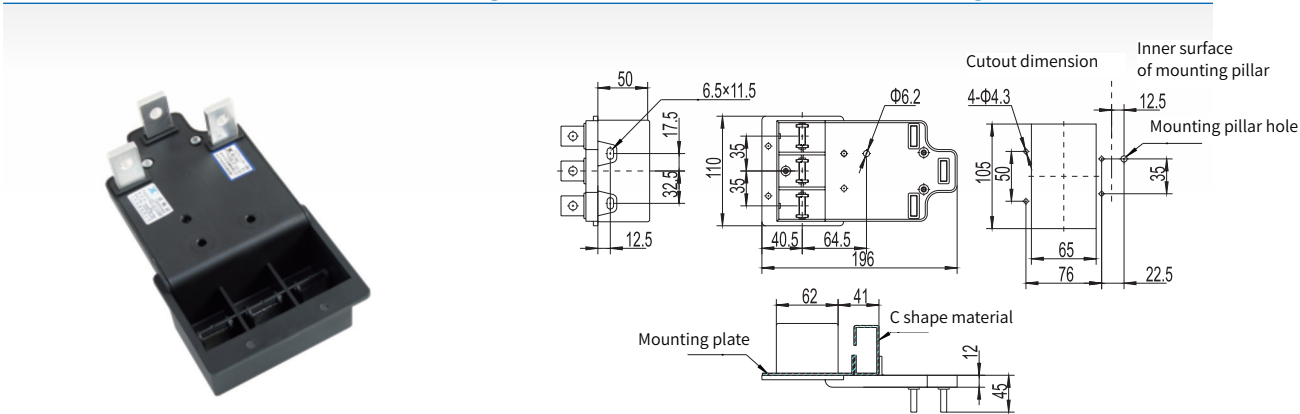


ACCESSORIES
OF LV SWITCHGEAR

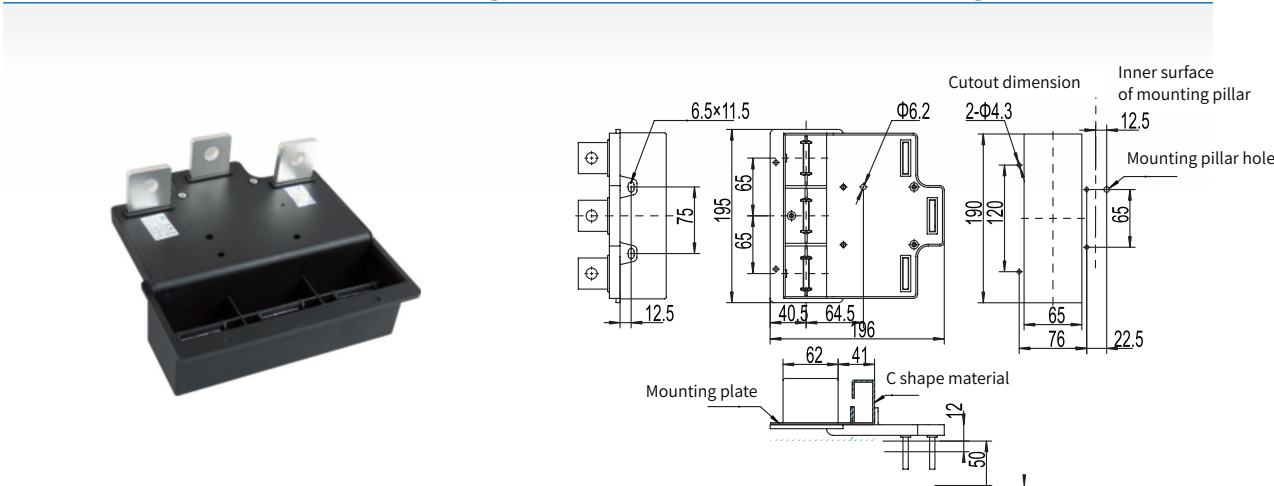
CZC7(C)-B-3-400A、630A Primary Socket 's (side-outlet) Outline and Mounting Dimensions



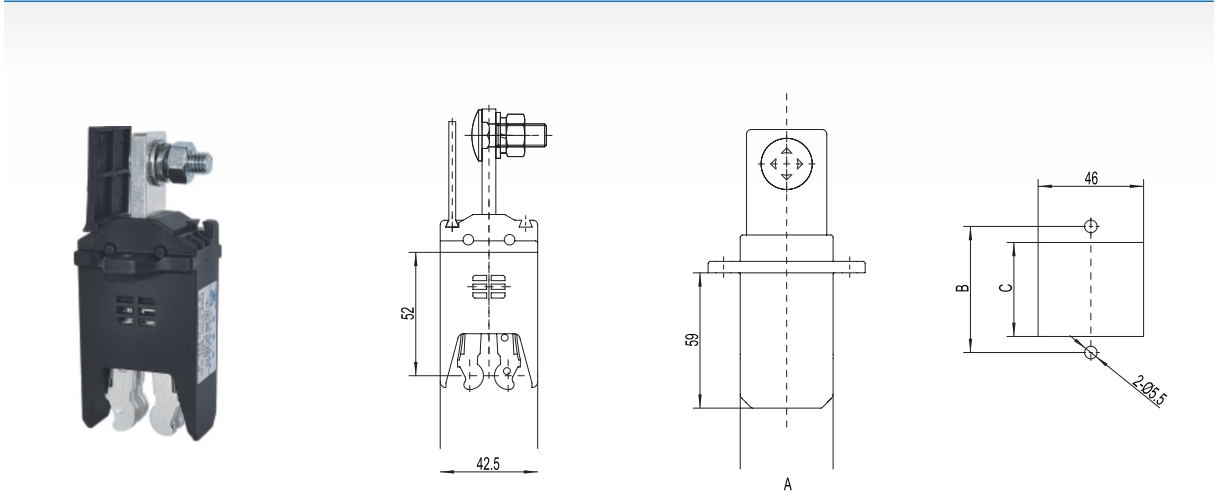
CZT7(C)-B-3-125A、250A Primary Plug's (side-outlet) Outline and Mounting Dimensions



CZT7(C)-B-3-400A、630A Primary Plug's (side-outlet) Outline and Mounting Dimensions



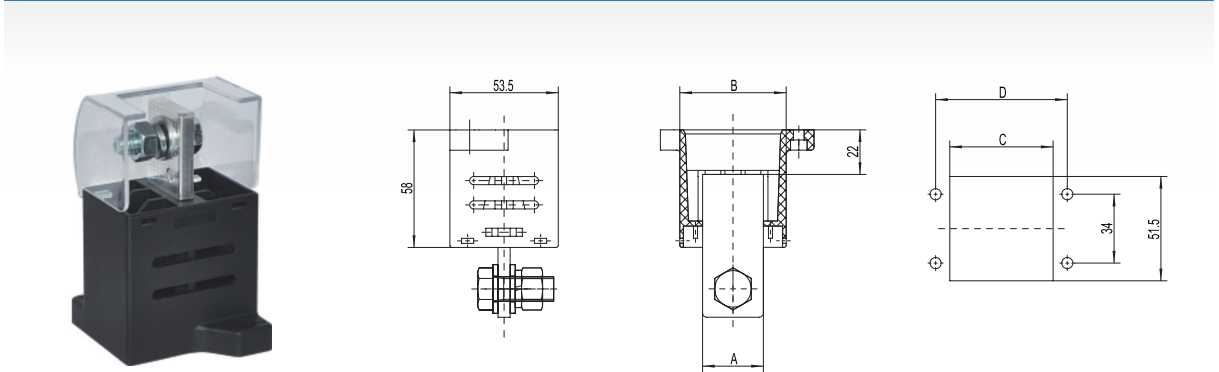
CZC7-1-125A、160A、250A、400A、630A Single-pole Main Circuit Plug's Outline and Mounting Dimensions



Modle	A	B	C	Bolt
CZC7-1-125A	26.5	40	28	M8
CZC7-1-160A				
CZC7-1-250A				

Modle	A	B	C	Bolt
CZC7-1-400A	41.5	44	55	M10
CZC7-1-630A	61.5	75	64	

CZT7-1-125A、160A、250A、400A、630A Single-pole Main Circuit Socket's Outline and Mounting Dimensions



Modle	A	B	C	D	Bolt
CZT7-1-125A	20	36.5	35	48	M8
CZT7-1-160A					
CZT7-1-250A	25				

Modle	A	B	C	D	Bolt
CZT7-1-400A	30	52.5	50	65	M12
CZT7-1-630A	50	74	72	85	M10×2

CZC8 Series Main Circuit Connector's Features

Thermal Switch

Available for horizontal or vertical installation

Single-side embedded installation saves installation time

125A-630A Unified external dimensions for installation.

An optional thermal switch can be installed to send a signal in case of overheating, protecting the contacts.

CZC8-B-3-125A、160A、250A、400A、630A Main Circuit Plug's Outline and Mounting Dimensions

Modle	L	M
125A	27	M8
160A		
250A		
400A	42	M10
630A	44	M12

Note: If a model with a thermal switch is required, please add /W after the model number.

CZC8/P-B-3-125A、160A、250A、400A、630A Horizontal Main Circuit Plug's Outline and Mounting Dimensions

Modle	L	M
125A	27	M8
160A		
250A		
400A	35	M10
630A	39	M12

Note: If a model with a thermal switch is required, please add /W after the model number.

CZT8-B-3-125A、160A、250A、400A、630A Main Circuit Plug's Outline and Mounting Dimensions

Modle	A	B
125A	95	95
160A		
250A		
400A	100	100
630A	122	107

Note: If a model with a thermal switch is required, please add /W after the model number.

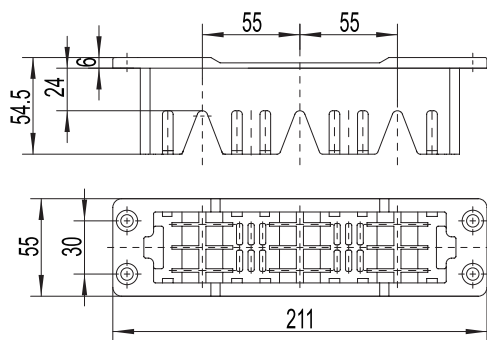
Primary Incoming Line Cover's Outline and Mounting Dimensions



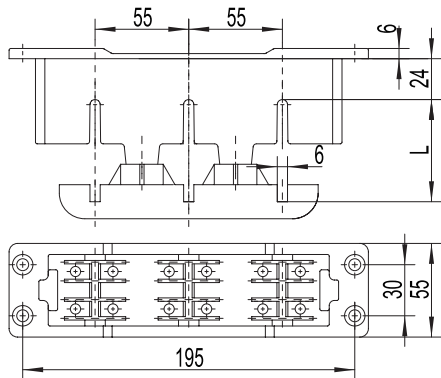
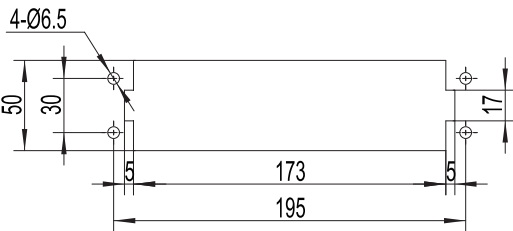
DCJ.8XJ, 300, 022 Incoming Line Cover (125A-630A)



Incoming line cover (busbar clamp type)

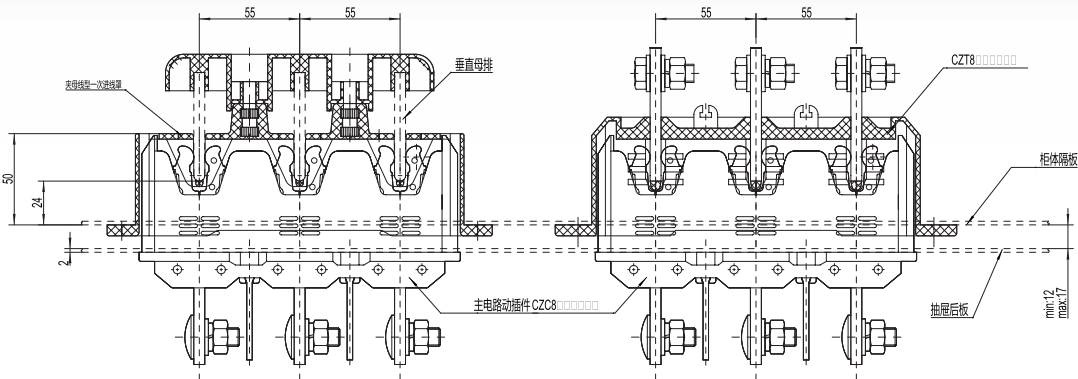


Mounting cutout diagram

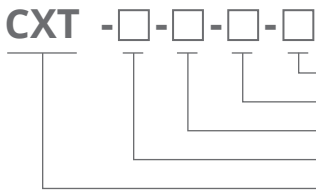


Modle	L	M
125A	27w	M8
160A		
250A		
400A	42	M10
630A	44	M12

Adaptation Dimensions

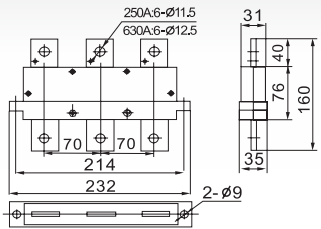


CXT Type Adapter's Composition and Meaning

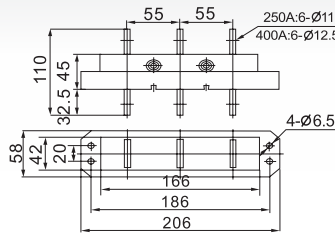


Rated current: 160A、250A、400A、630A、
Pole number: 3、4
Phase distance code: A for 60mm, B for 55mm
(no marking for special phase distances).
Design No.
Adapter (outgoing line terminal)

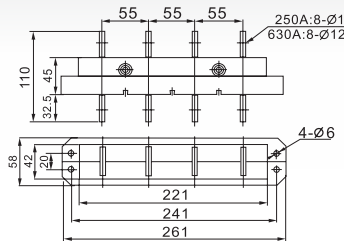
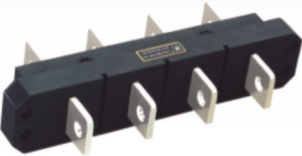
CXT1-3-160A、250A、400A、630A adapter's Outline and Mounting Dimension



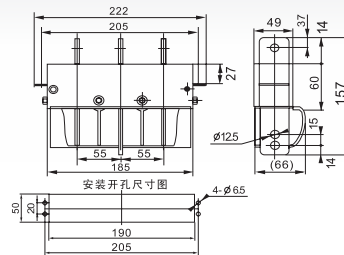
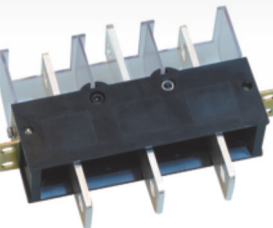
CXT2-B-3-160A、250A、400A、630A adapter's Outline and Mounting Dimension



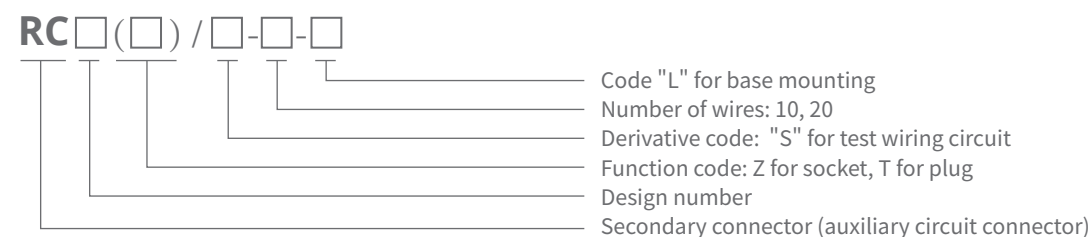
CXT2-B-4-160A、250A、400A、630A adapter's Outline and Mounting Dimension



CXT3-B-3-160A、250A、400A、630A adapter's Outline and Mounting Dimension



RC Type Secondary Connector's Composition and Meaning



Purpose

The RC series secondary connectors are mainly used in low-voltage withdrawable switchgear and controlgear assemblies as electrical connecting elements for auxiliary circuits. They are particularly suitable for drawer-type switchgear such as GCK, GCS, and MNS.

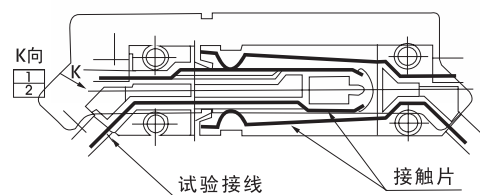
Features

The RC series secondary connectors are patented products designed and developed according to market customer requirements. They feature a closed structure, ensuring safety and reliability. The RC1 and RC2 models are equipped with automatic guiding devices for convenient and accurate insertion and withdrawal. The RC3 model features an automatically adjustable mounting bracket structure, which reduces the installation dimensions, and offers both panel mounting and base plate mounting options.

Primary Technical Parameters

Item	Unit	Data
Rated voltage	V	220 (380)
Rated frequency	HZ	50
Rated insulation voltage	V	380 (660)
Rated current	A	20
Power-frequency withstand voltage	KV	2.5
Comparative tracking index of enclosure(CTI)	V	≥ 200

Test wiring description



Test wiring description: To facilitate user design and selection, our factory has developed a set of test wiring terminals based on market demand. These terminals are conductive in the test position but disconnected in the working position. Their structure is shown in the left figure.

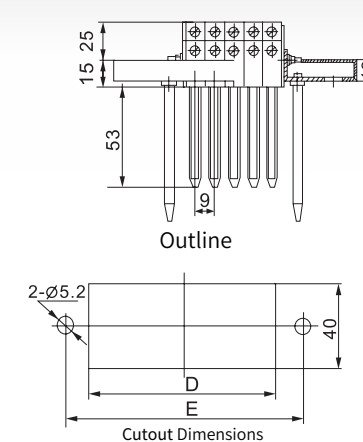
For this function, add "S" to the model number (e.g., RC2/S-10). Standard configuration modifies only terminal 2 in the first group. Contact us for other special requirements.



RC2- □ Secondary connector

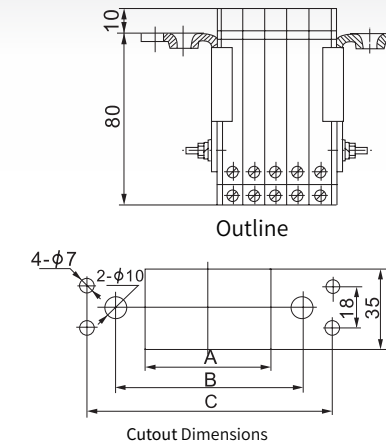


RC2(T) Secondary Plug's Outline and Mounting Dimensions



Modle	D	E
RC2(T)-4	72	90
RC2(T)-6	81	99
RC2(T)-8	90	108
RC2(T)-10	99	117
RC2(T)-12	108	126
RC2(T)-14	118	136
RC2(T)-16	126	145
RC2(T)-18	135	154
RC2(T)-20	144	163
RC2(T)-22	153	172
RC2(T)-24	162	181
RC2(T)-26	171	190
RC2(T)-28	180	199
RC2(T)-30	189	208
RC2(T)-32	198	217
RC2(T)-34	207	226

RC2(Z) Secondary Plug's Outline and Mounting Dimensions



Modle	A	B	C
RC2(Z)-4	27	55	75
RC2(Z)-6	36	64	84
RC2(Z)-8	45	73	93
RC2(Z)-10	54	82	102
RC2(Z)-12	63	91	111
RC2(Z)-14	73	100	120
RC2(Z)-16	82	109	129
RC2(Z)-18	91	118	138
RC2(Z)-20	100	127	147
RC2(Z)-22	109	136	156
RC2(Z)-24	118	145	165
RC2(Z)-26	127	154	174
RC2(Z)-28	136	163	183
RC2(Z)-30	145	172	192
RC2(Z)-32	154	181	201
RC2(Z)-34	163	190	210

Note: Other specifications are available upon request.

RC3- □
Secondary Connectors

(Panel mounting)

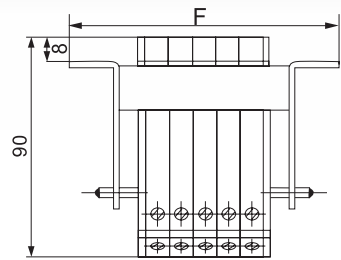


RC3- □ -L
Secondary Connectors

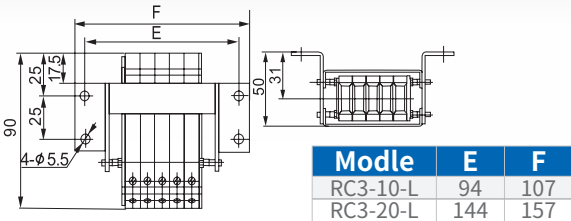
(Base mounting)



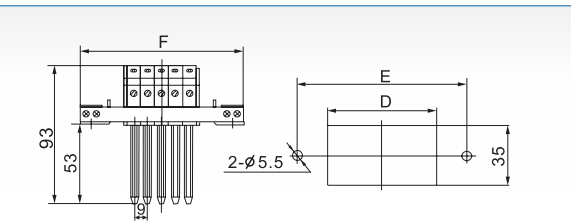
RC3(Z) Secondary Plug Outline and Dimensions (Panel mounting)



RC3(Z)-L Secondary Socket Outline and Dimensions (Base mounting)



RC3(T) Secondary Plug Outline and Dimensions



Modle	D	E	F
RC3(Z)-4	25	63	76
RC3(Z)-6	34	72	85
RC3(Z)-8	43	81	94
RC3(Z)-10	52	90	103
RC3(Z)-12	61	99	112
RC3(Z)-14	70	110	123
RC3(Z)-16	79	120	133
RC3(Z)-18	88	130	143

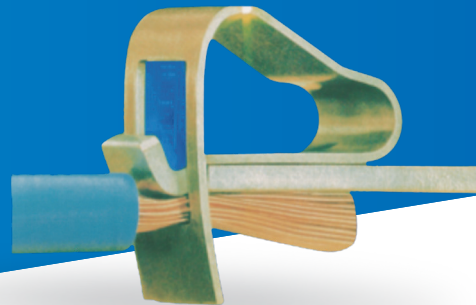
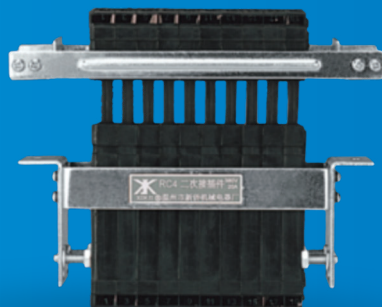
Modle	D	E	F
RC3(Z)-20	98	140	153
RC3(Z)-22	107	149	162
RC3(Z)-24	116	158	171
RC3(Z)-26	125	167	180
RC3(Z)-28	134	176	189
RC3(Z)-30	143	185	198
RC3(Z)-32	152	194	207
RC3(Z)-34	161	203	216

Modle	D	E	F
RC3(T)-4	31	67	82
RC3(T)-6	40	76	91
RC3(T)-8	51	85	100
RC3(T)-10	60	94	109
RC3(T)-12	69	104	119
RC3(T)-14	78	114	129
RC3(T)-16	87	124	138
RC3(T)-18	100	134	147

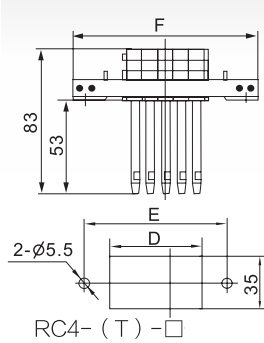
Modle	D	E	F
RC3(T)-20	110	144	159
RC3(T)-22	119	153	168
RC3(T)-24	128	162	177
RC3(T)-26	137	171	186
RC3(T)-28	147	180	195
RC3(T)-30	157	189	204
RC3(T)-32	167	198	213
RC3(T)-34	177	207	222

Note: The panel-mounted and base-mounted plugs for the RC3 secondary connector are the same as the RC3(T) plug.

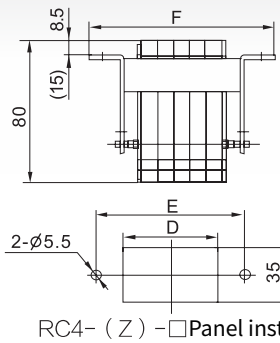
RC4- □ SECONDARY
CONNECTOR
RC4 Wiring terminal



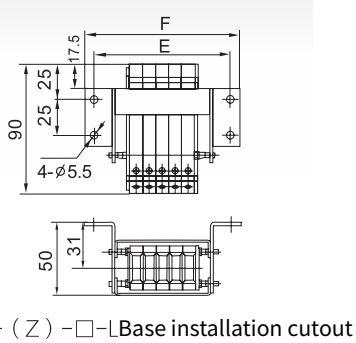
RC2(T) Secondary Plug Outline and Mounting Dimensions



Modle	D	E	F
RC4 (T) -10	60	94	109
RC4 (T) -20	110	144	159



Modle	D	E	F
RC4 (Z) -10	52	90	103
RC4 (Z) -20	98	140	153

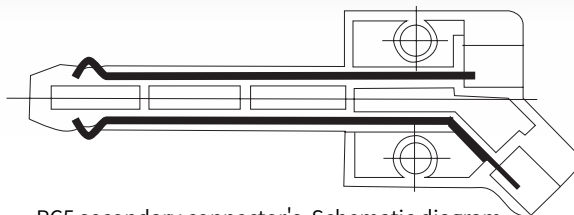


Modle	E	F
RC4 (Z) -10-L	94	107
RC4 (Z) -20-L	144	157

RC5 Secondary Connector: The external mounting dimensions are the same as the RC3 model, with options for panel mounting and base mounting



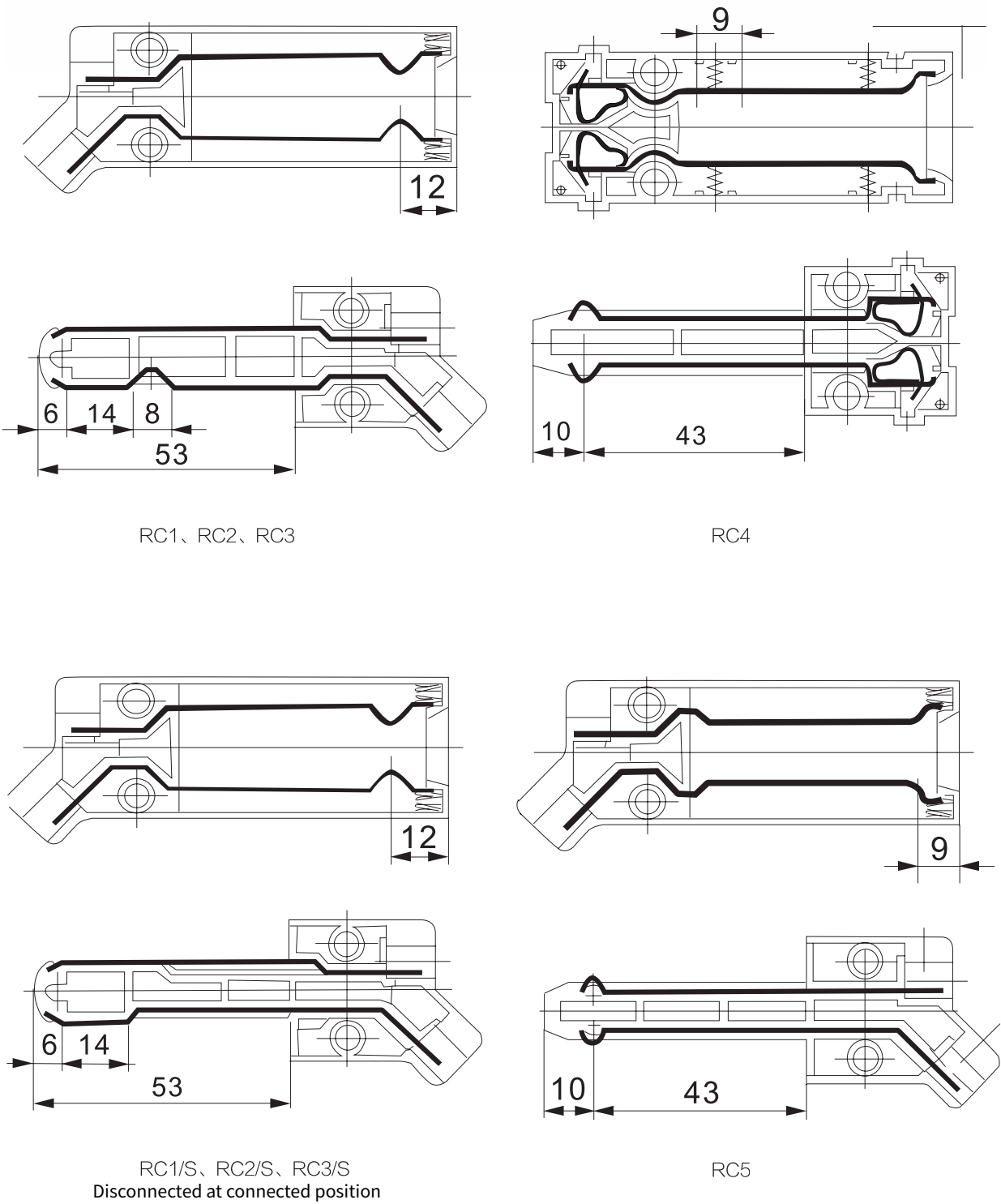
RC5 - □ secondary connector



RC5 secondary connector's Schematic diagram

Features: Most of the copper contact blades of the RC5 plug are housed within the plastic slot, with only the head contact portion exposed, making it safer and more reliable.

RC Type Secondary Connector's Structure Diagram



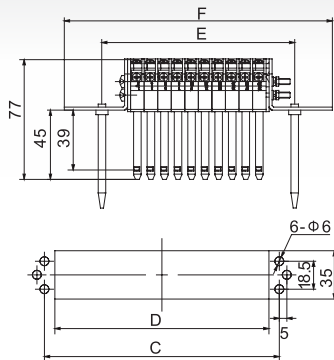
ACCESSORIES OF LV SWITCHGEAR



RC8- □ Secondary Connector

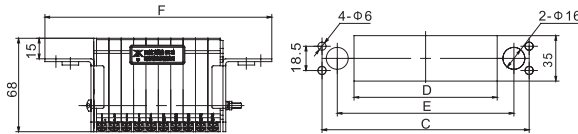


RC8 Secondary Connector's Outline and Mounting Dimensions



RC8 (T) Secondary Plug

Modle	C	D	E	F
RC8(T)-10	111	99	83	133
RC8(T)-14	129	119	101	151
RC8(T)-20	156	144	128	178



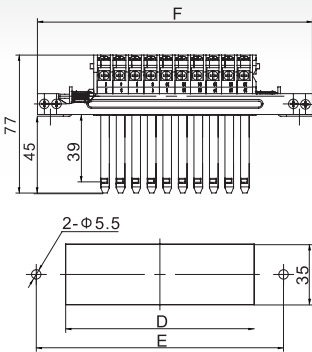
RC8 (Z) Secondary Socket

Modle	A	B	C	D
RC8-4	28	55	79	95
RC8-6	37	64	88	104
RC8-8	46	73	97	113
RC8-10	55	82	106	122
RC8-12	64	91	115	131
RC8-14	73	100	124	140
RC8-16	82.5	109.5	133.5	149.5
RC8-18	91.5	118.5	142.5	158.5
RC8-20	101	128	152	168
RC8-22	110	137	161	177
RC8-24	119	146	170	186
RC8-26	128	155	179	195
RC8-28	137	164	188	204
RC8-30	146	173	198	214
RC8-32	155	182	207	223
RC8-34	164	191	216	232

RC9- □ Secondary Connector

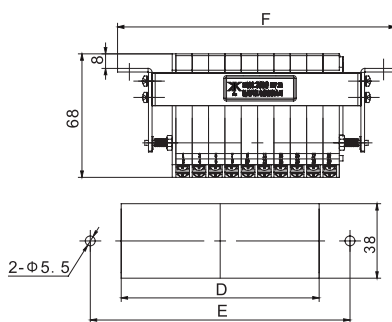


RC9 Secondary Connector's Outline and Mounting Dimensions



RC9 (T) Secondary Socket

Modle	D	E	F
RC9(T)-10	60	94	109
RC9(T)-14	78	114	129
RC9(T)-20	110	144	159



RC9 (Z) Secondary Socket

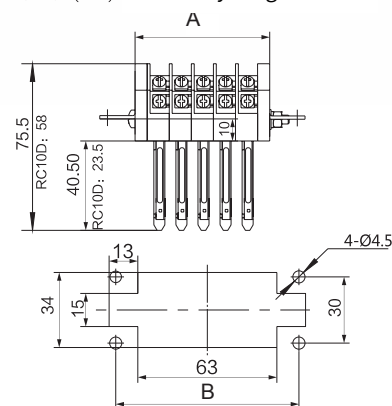
Modle	D	E	F
RC9(Z)-10	52	90	103
RC9(Z)-14	70	110	123
RC9(Z)-20	98	140	153

Note: RC8 and RC9 secondary connectors can directly replace RC2 and RC3 respectively, with no modification to mounting holes required.

RC10 RC10D Secondary Connector's Outline and Mounting Dimensions

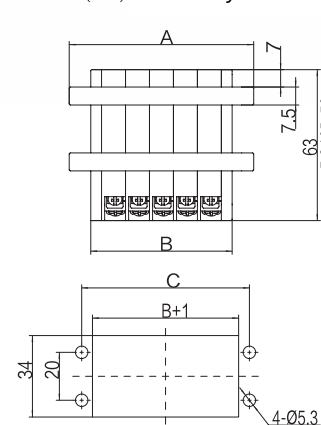


RC10 (T) Secondary Plug



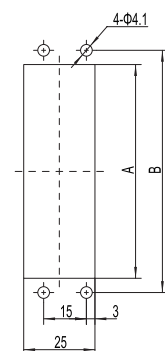
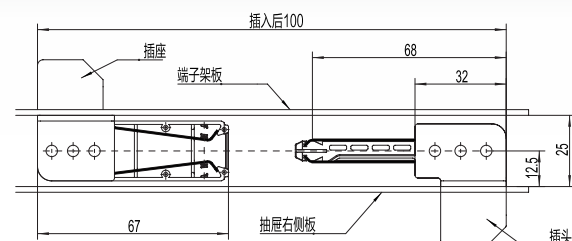
Modle	B	A
RC10(T)10-10	83	61
RC10(T)10-16	113	91
RC10(T)10-20	133	111

RC10 (Z) Secondary socket

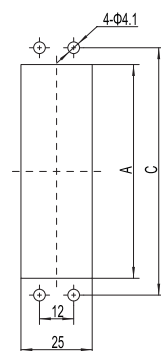


Modle	A	B	C
RC10(Z)10-10	79	60	70
RC10(Z)10-16	109	91	100
RC10(Z)10-20	129	111	120

RC11 Secondary Connector's Outline and Mounting Dimensions (Side outlet)



插座开孔图



插头开孔图

Mode	A	B	C
RC11-12	59.5	68.5	70.5
RC11-14	67.5	76.5	78.5
RC11-16	75.5	84.5	86.5
RC11-18	83.5	92.5	94.5
RC11-20	91.5	100.5	102.5
RC11-22	99.5	108.5	110.5
RC11-24	107.5	116.5	118.5
RC11-26	115.5	124.5	126.5
RC11-28	123.5	132.5	134.5
RC11-30	131.5	140.5	142.5

CIRCUIT DISTRIBUTION AND ADAPTER UNIT

XFZ1 CIRCUIT DISTRIBUTION ADAPTER UNIT

Overview

XFZ1 series circuit distribution adapter units are used for power distribution and connection of 1/2 and 1/4 drawer functional units in low-voltage withdrawable switchgear and controlgear assemblies. By operating in conjunction with the 1/2 and 1/4 drawers, they enable the operation, control, protection, and power connection of the functional units. The 1/2 drawer is available with two center distances: 283mm and 298mm. The center distance for the 1/4 drawer is 141.5mm.

Model Composition And Meaning

X F Z --/---- () -

- Wiring method: H — rear outlet, C — side outlet
- Secondary contacts with test function: add "S", leave blank if not applicable

Number of secondary contacts: 16, 24

Drawer center distance

External dimensions

Number of poles: 3 — three-pole, 4 — four-pole

Branch rated current: 63, 125

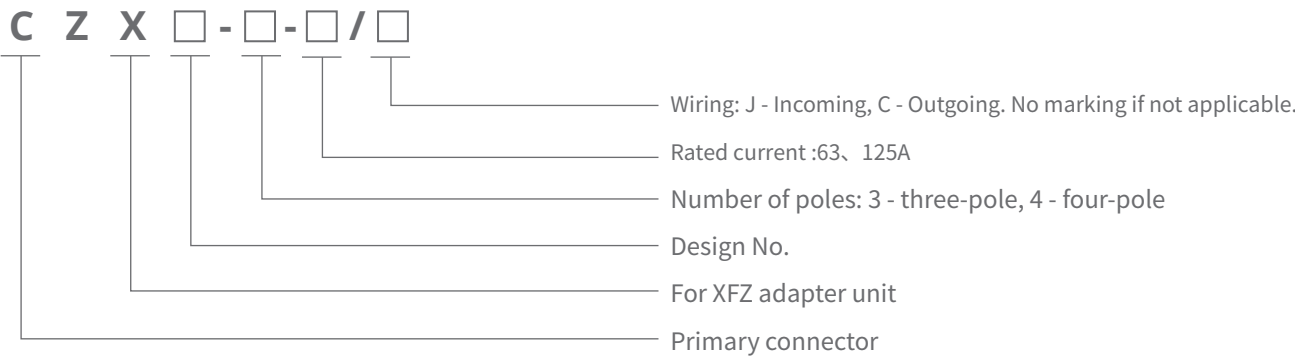
Drawer type: 1/2, 1/4

Design number: 1 — metal, 2 — all-plastic

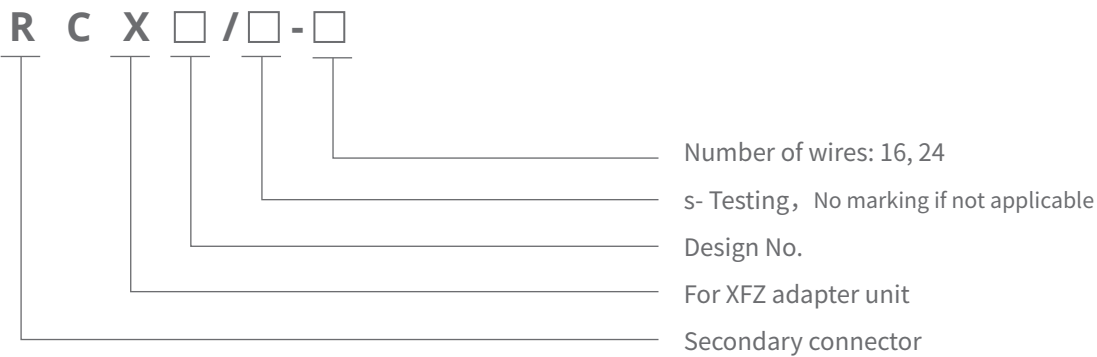
Adapter unit

Distribution

Matching Primary Plug's Model And Meaning



Matching Primary Plug's Model And Meaning



Primary Technical Parameters

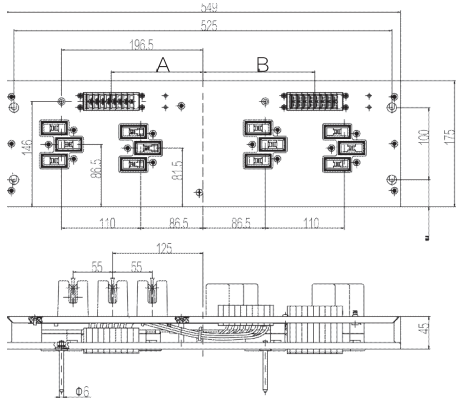
Applicable drawer unit	1/2 Drawer		1/4 Drawer
Rated current (main incoming line)	125	250	250
Rated current (branch)	63	125	63
Rated insulation voltage	AC690V		AC690V
Power frequency withstand voltage	2500V/min		2500V/min
Rated current of auxiliary circuit	10A		10A

XFZ1 Circuit Distribution Adapter Unit's Outline and Mounting Dimension Drawing



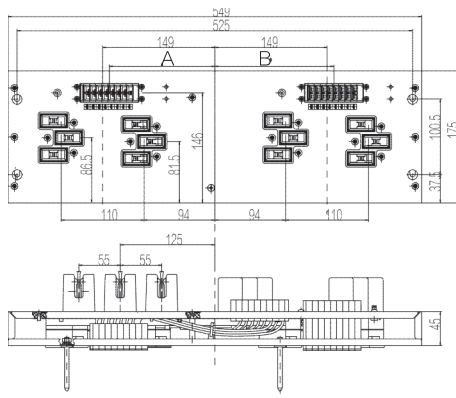
XFZ1Type Three-pole 1/2 Circuit Distribution Adapter Unit (125A, center distance 283)

Modle	A	B
XFZ1-1/2-3/125-175×549×45-283-16	127.5	155.5
XFZ1-1/2-3/125-175×549×45-283-24	111.3	171.7

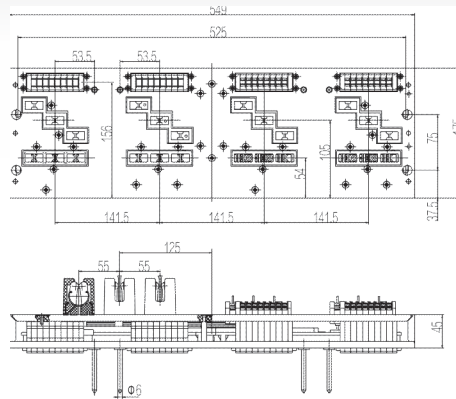


XFZ1Type Three-pole 1/2 Circuit Distribution Adapter Unit (125A, center distance 298)

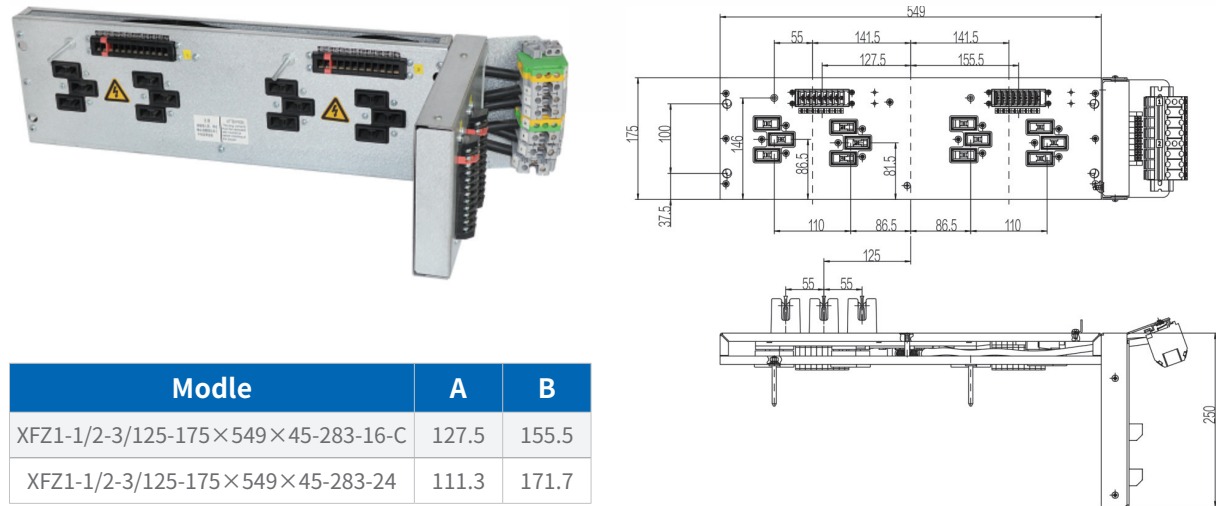
Modle	A	B
XFZ1-1/2-3/125-175×549×45-298-16	140	158
XFZ1-1/2-3/125-175×549×45-298-24	123.7	174.3



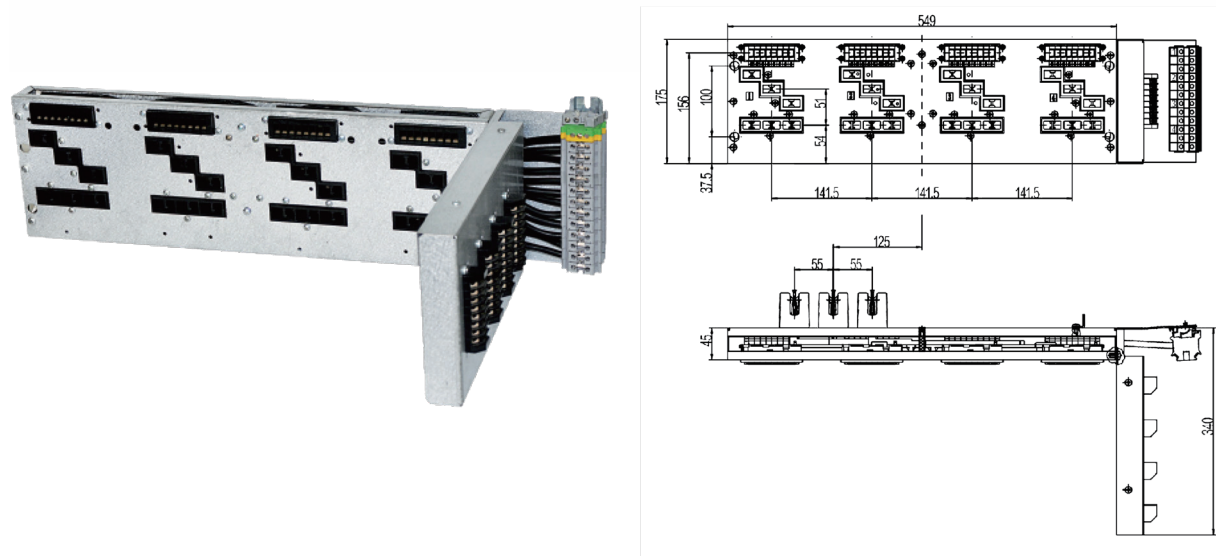
XFZ1Type Three-pole 1/4 Circuit Distribution Adapter Unit (63A, center distance 141.5)



XFZ1 Three-pole Side-outlet 1/2 Circuit Distribution Adapter Unit (125A, center distance 283)

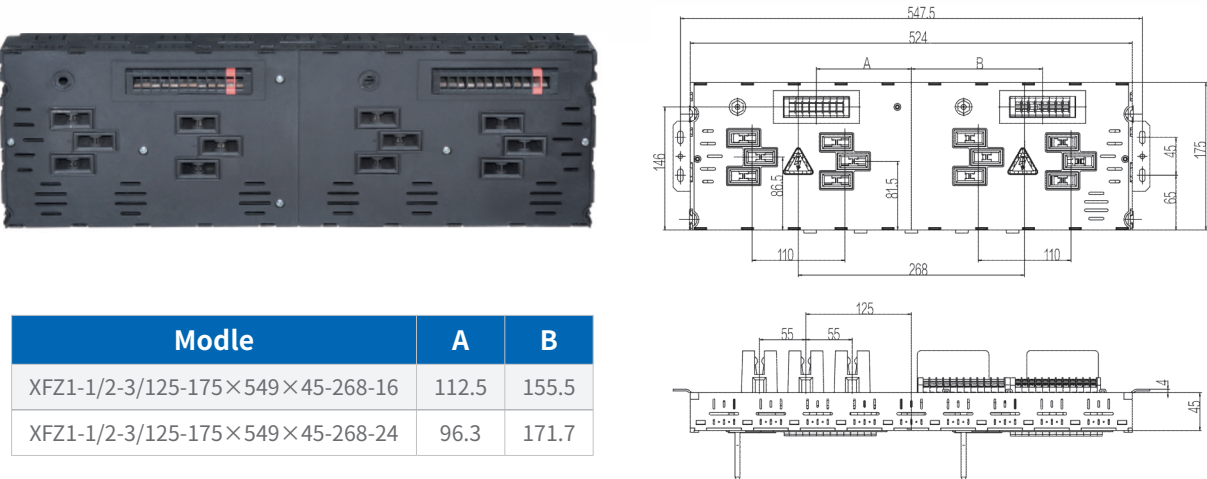


XFZ1 Three-pole Side-outlet 1/4 Circuit Distribution Adapter Unit (63A, center distance 141.5)

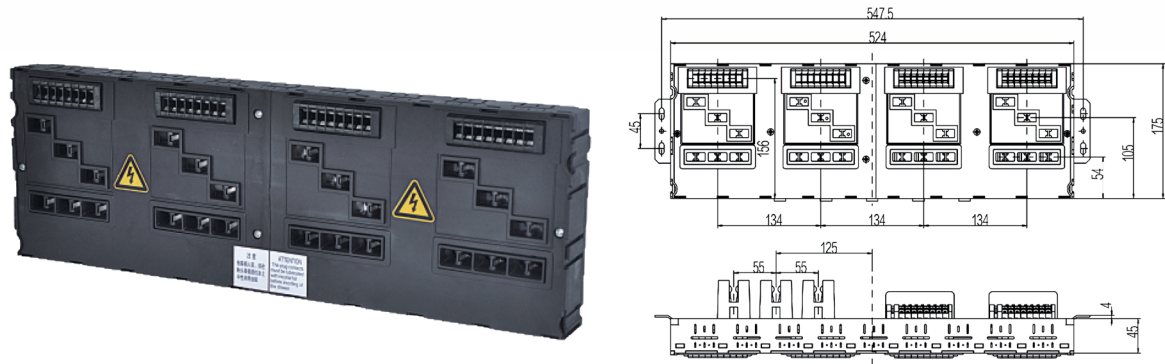


XFZ2 Type All Plastic Circuit Distribution Adapter Unit Outline and Mounting Dimensions

XFZ2 All-plastic Three-pole 1/2 Circuit Distribution Adapter Unit (125A, cabinet center distance 268)

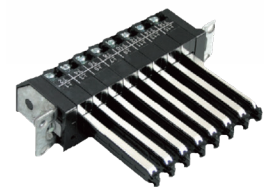


XFZ2 All-plastic Three-pole 1/4 Circuit Distribution Adapter Unit (125A, cabinet center distance 268)

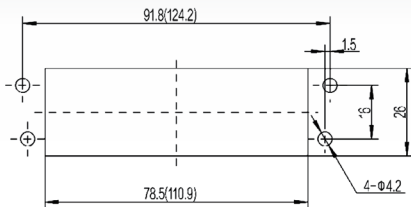
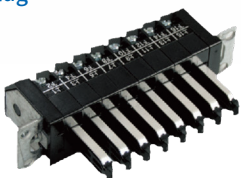


Matching Primary and Secondary Plug Cutout Dimensions

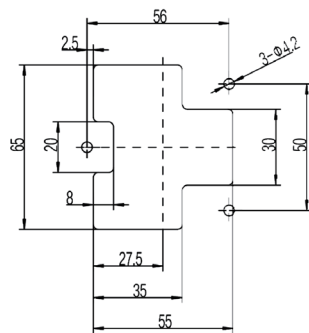
RC×1-16、24(long)



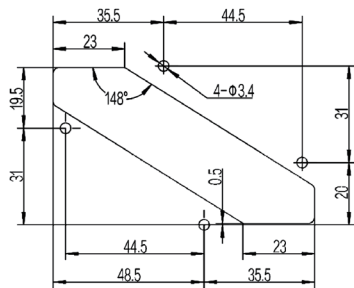
RC×1D-16、24(short)Secondary plug



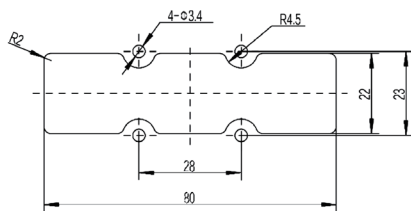
CZ×1-3-125A Primary Plug (Three-pole 1/2 Drawer)



CZ×1-3-63A/J Incoming Line Plug (Three-pole 1/4 Drawer)



CZ×1-3-63A/C Outlet Plug (Three-pole 1/4 Drawer)



MNS ECONOMIC TYPE 1/2 & 1/4 DRAWER UNITS

1/2 Economic Type Drawer Unit



Rated Current:125A
Drawer Center distance:283、298mm
Drawer Depth:400、450、500mm

1/2 Drawer Panel



283 Panel:
XFZ.5XJ.150.119

298 Panel:
XFZ.5XJ.150.120

1/4 Economic Type Drawer Unit



Rated Current:63A
Drawer Center distance:141.5mm
Drawer Depth:400、450、500mm

1/4 Drawer Panel



XFZ.5XJ.150.415

Drawer Guide Rail



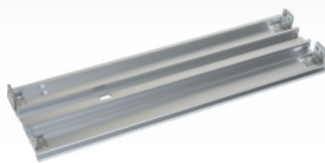
HANL.200.001P1(400 Depth)
HANL.200.001P1.1(500 Depth)

Front Stop



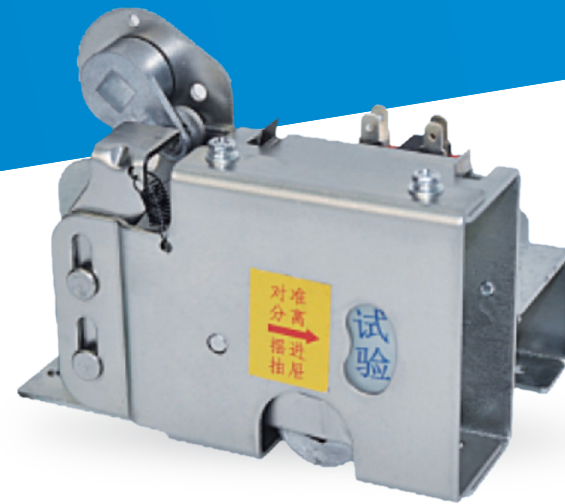
HANL.200.002P1

Aluminum Rail



XFZ.5XJ.260.028(450 Depth)
XFZ.5XJ.260.037(500 Depth)

2ND-GENERATION CABINET HAND-CRANK MECHANISM



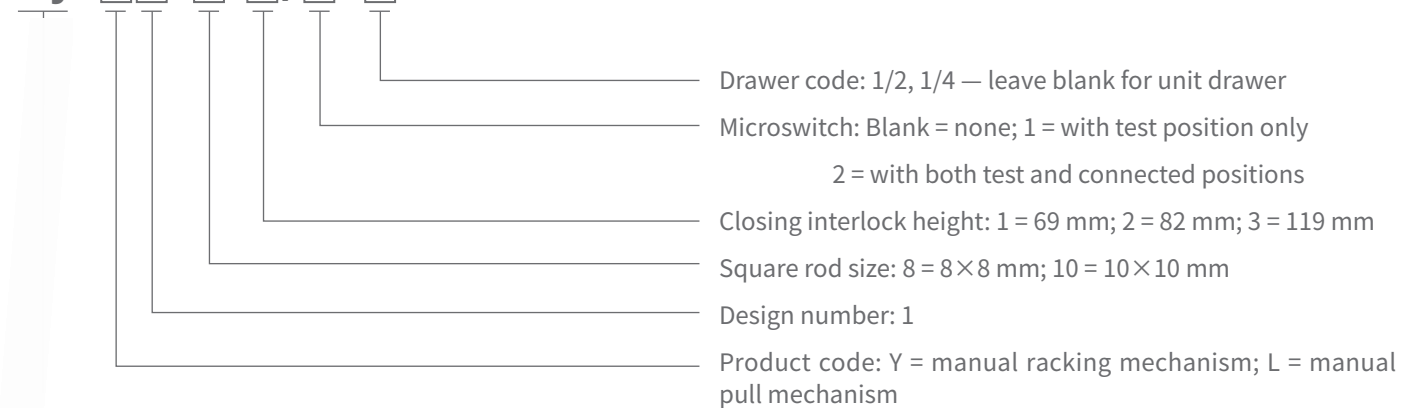
Overview

XJY1 series racking-in interlock mechanism: A labor-saving mechanism for low-voltage drawer switchgear with three mechanically indicated positions:

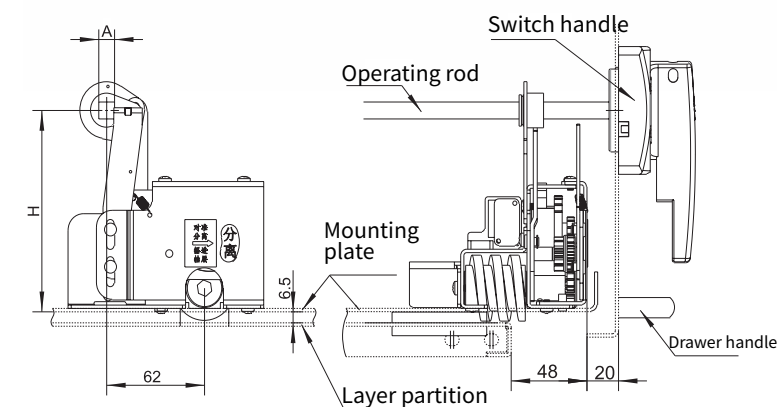
1. Disconnected position: Drawer can be inserted/removed. Indicator shows "Disconnected". Required for racking in.
2. Test position: Rotate clockwise 24mm from Disconnected. Indicator shows "Test". Secondary circuit connects; main switch can be tested.
3. Connected position: Rotate clockwise another 24mm from Test. Indicator shows "Connected". Primary and secondary circuits connect. Main switch can close, locking drawer in place.

Model Composition And Meaning

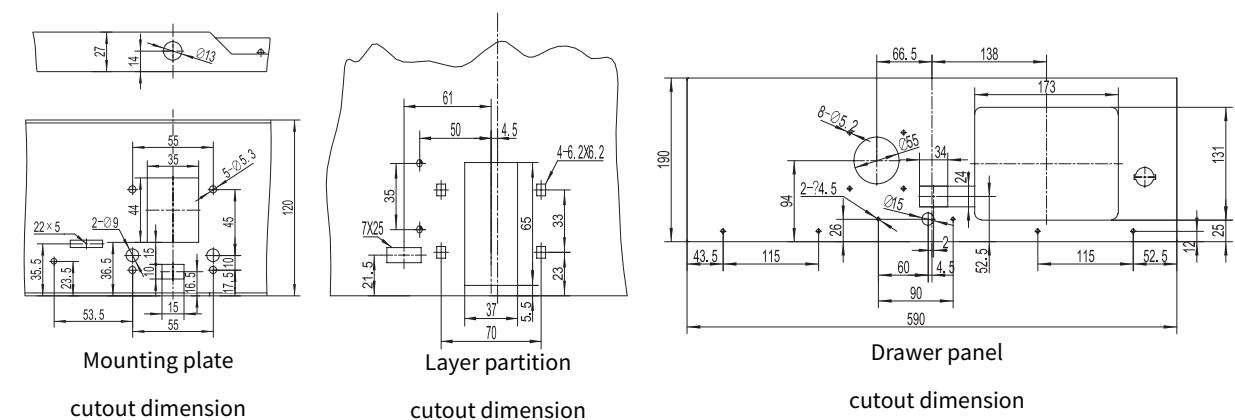
XJ - □□ - □.□/□ - □



XJY1 Racking-in Interlock Mechanism



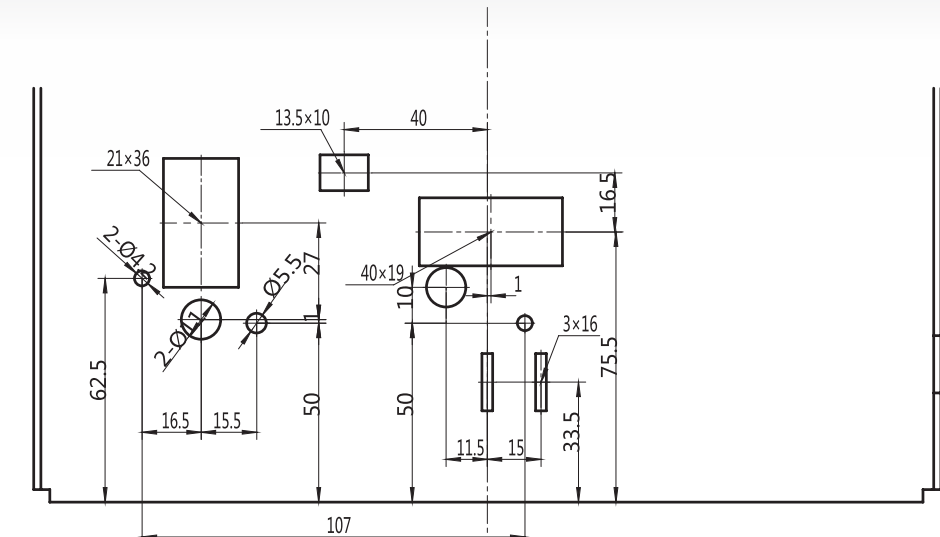
Model	H	Square rod A
XJY1-8.1	69	8×8
XJY1-10.1		10×10
XJY1-8.2	82	8×8
XJY1-10.2		10×10
XJY1-8.3	119	8×8
XJY1-10.3		10×10



2ND-GENERATION CABINET MANUAL RACKING MECHANISM

XJL1 Manual Pulling Interlock Mechanism Outline and Mounting (Applicable to unit drawer and 1/2 drawer)

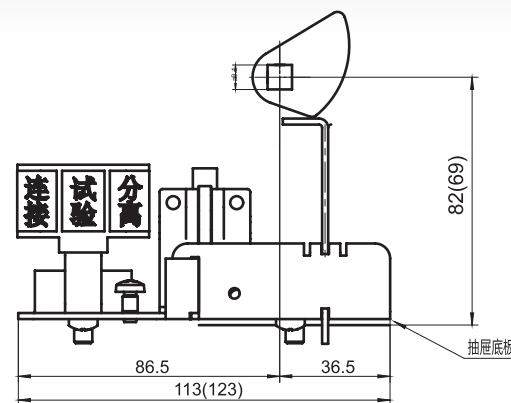
1/2 Unit



Drawer baseplate cutout diagram

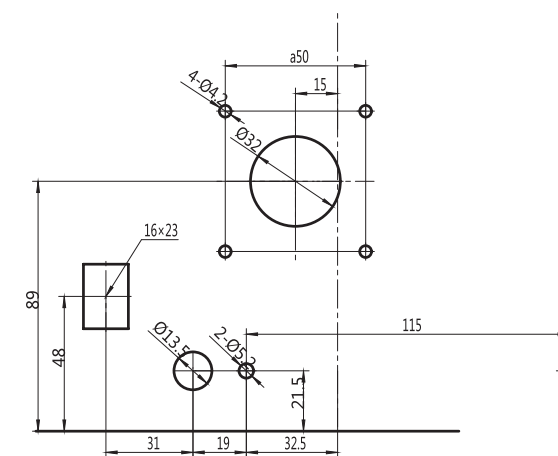
XJL1 Manual Pulling Interlock Mechanism Outline and Mounting Dimensions(Applicable to unit drawer and 1/2 drawer)

1 Unit

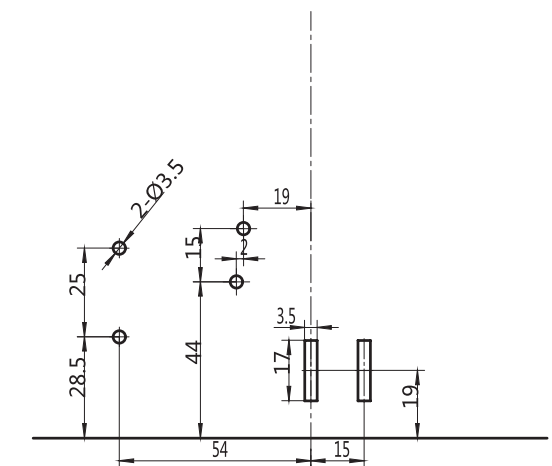


Indicated in parentheses includes the connected position microswitch.

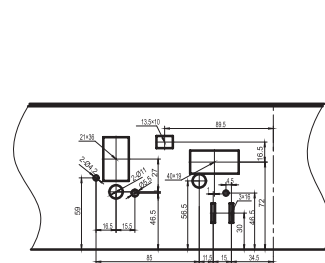
Modle	H	Square rod A
XJL1-8.1	69	8×8
XJL1-10.1		10×10
XJL1-8.2	82	8×8
XJL1-10.2		10×10
XJL1-8.3	119	8×8
XJL1-10.3		10×10



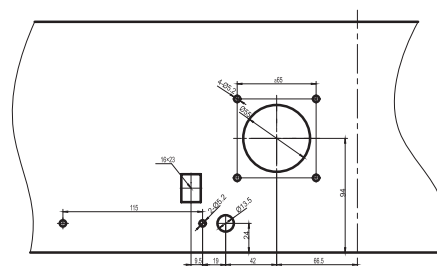
Drawer baseplate cutout diagram



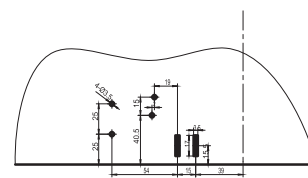
Drawer baseplate cutout diagram



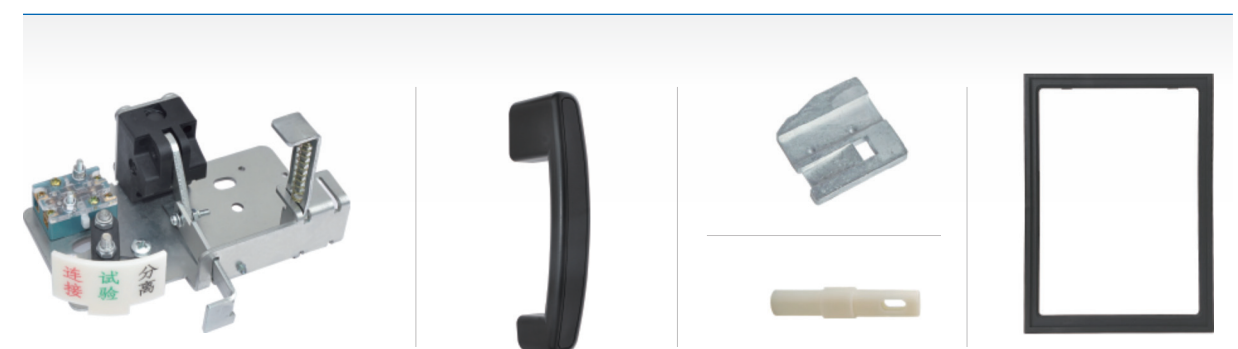
Drawer baseplate cutout diagram



Drawer panel cutout diagram

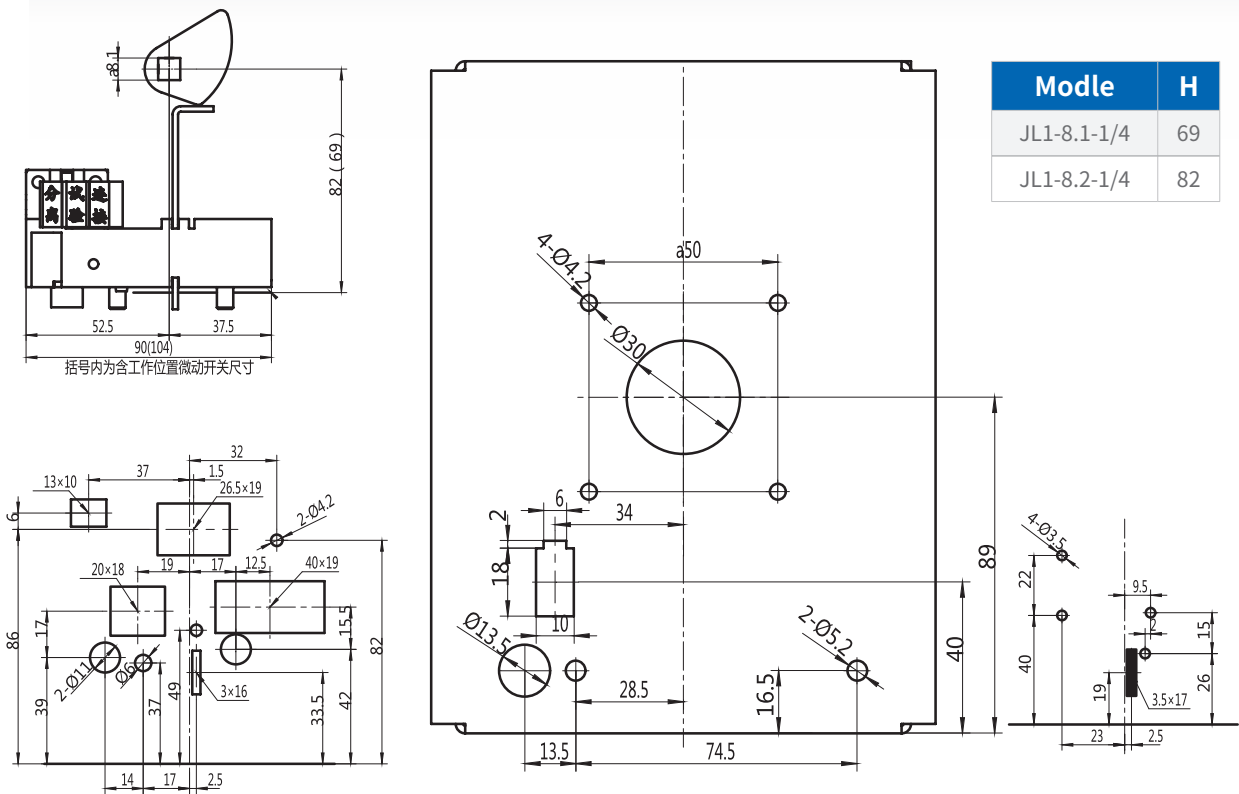


Drawer shelf cutout diagram



XJL1 Manual Pulling Interlock Mechanism Outline and Mounting Dimensions
(Applicable to unit drawer and 1/4 drawer)

1/4 Unit

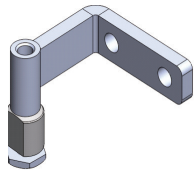
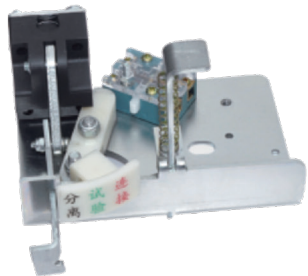


Drawer baseplate cutout diagram

Drawer panel cutout diagram

Drawer shelf cutout diagram

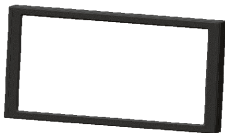
Modle	H
JL1-8.1-1/4	69
JL1-8.2-1/4	82



Drawer hinge
XJY.5XJ.256.002



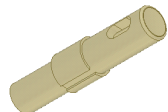
Positioning plate
XJL.8XJ.143.132



Drawer hinge
XJY.5XJ.256.002



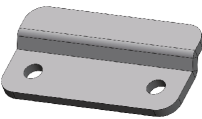
U-shaped guide block
XJY.8XJ.143.114



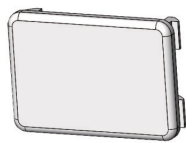
Button
XJL.8XJ.253.133



Drawer lock
MNS.5XJ.872.042



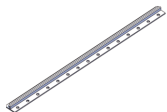
Clamping plate
8QXJ.128.001



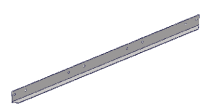
Observation frame
(1/2)XJL.8XJ.321.019



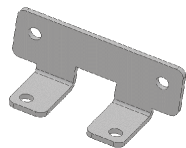
Drawer hinge
XJY.5XJ.256.002



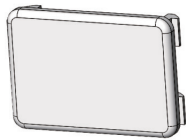
T-shaped lower guide rail
XJL.8XJ.260.203



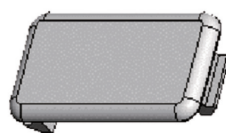
L-shaped lower guide rail
XJL.8XJ.260.059



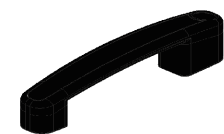
Door lock bracket
MNS.8XJ.256.03



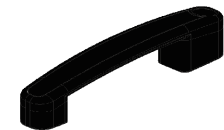
Observation frame
XJL.8XJ.321.019



Observation frame
(1/4)XJL.8XJ.318.002



Handle assembly (comfort type)
XJY.5XJ.886.011
Handle
XJY.8XJ.886.011



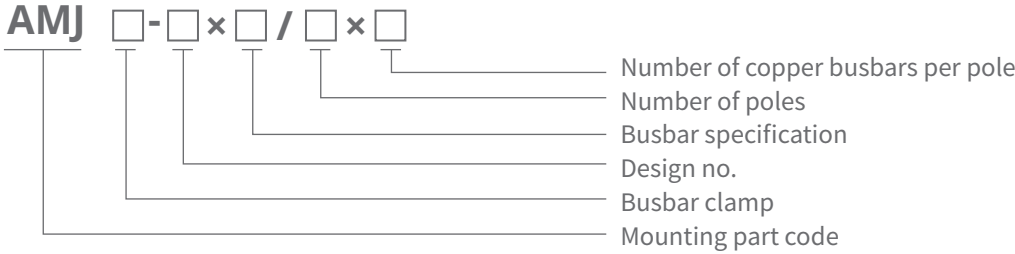
Right handle assembly (comfort type)
XJY.5XJ.886.010
Right handle XJY.8XJ.886.010

BUSBAR CLAMP / MINI-BUS SUPPORT SERIES

Features

The AMJ series busbar clamps are made of high-quality DMC or SMC molded plastics, offering high strength, excellent insulation, and high flame retardance. They withstand thermal and dynamic stresses from fault short-circuit currents and comply with JBT 10316-2013. "Insulation supports and insulating materials for low-voltage switchgear and controlgear assemblies".

Modle Composition and Meaning



Primary Technical Parameters

Item	Unit	Value
Rated insulation voltage	V	600(1000)
Power-frequency withstand voltage (1 min)	KV	2.5
Peak withstand current (0.1 s)	KA	105
Flammability	Level	FV-0
Comparative tracking index (CTI)	V	≥ 400

Unsaturated Polyester Molded Plastic Dmc And Smc Technical Performance Table (For Reference Only)

Item	Test parameter	Unit	DMC	SMC
1	Density	g/cm ³	1.8	1.9
2	Water absorption	%	≤ 0.2	≤ 0.1
3	Heat deflection temperature	°C	≤ 220	≤ 250
4	Impact strength	KJ/m ²	≤ 30	≤ 60
5	Flexural strength	Mpa	≤ 90 ¹²	≤ 147 ⁴
6	Volume resistivity	Ω.m	≤ 10	≤ 10
7	Dielectric strength	MV/m	≤ 14.8	≤ 16
8	Arc resistance	S	> 180	> 180
9	Flammability	Level	V-0	V-0

Use

The AMM and J series busbar clamps (busbar supports) are mainly used for mounting and fixing busbar systems in low-voltage switchgear and controlgear assemblies and other electrical equipment.



ACCESSORIES OF LV SWITCHGEAR

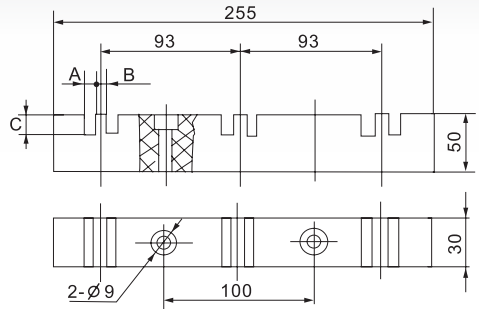


AMJ1 Type Three-phase Double-slot Busbar Clamp



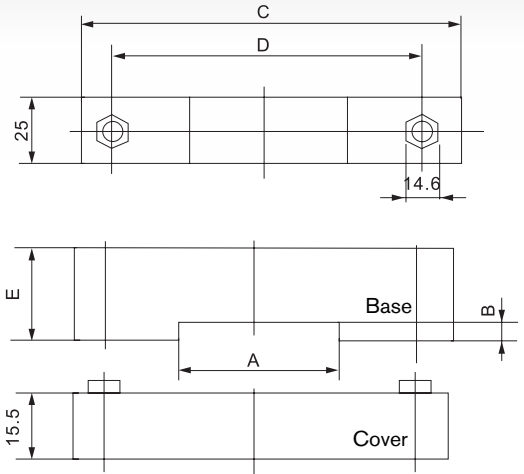
AMJ2 and AMJ2C Single-phase Busbar Clamps

AMJ1 Type Three-phase Double-slot Busbar Clamp Outline and Mounting Dimension



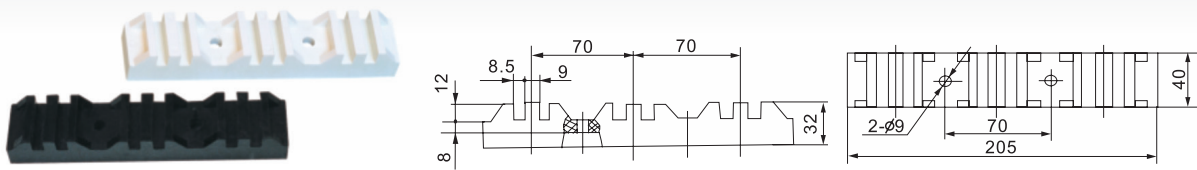
Modle	A	B	C	Suitable copper busbars
AMJ-6×25/3×2	7	7	25	6×50-6×120
AMJ1-8×25/3×2	9	8	25	8×50-8×120
AMJ1-10×25/3×2	11	9	25	10×50-10×120
AMJ1-10×15/3×2	10.5	9	15	10×30-10×120

AMJ2 and AMJ2C Single-phase Busbar Clamps Outline and Mounting Dimension



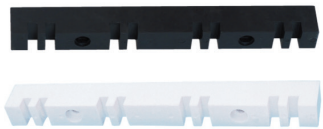
Modle	A	B	C	D	E	Suitable copper busbars
AMJ2B-4×40/1	41	3.8	150	120	33	4×40
AMJ2B-5×40/1	41	4.8				5×40
AMJ2B-6×40/1	41	5.8				6×40
AMJ2B-5×50/1	51	4.8				5×50
AMJ2B-6×50/1	51	5.8				6×50
AMJ2B-10×50/1	51	9.8				10×50
AMJ2B-6×60/1	61	5.8	170	140	35	6×60
AMJ2B-8×60/1	61	7.8				8×60
AMJ2B-10×60/1	61	9.8				10×60
AMJ2C-6×80/1	81	5.8				6×80
AMJ2C-8×80/1	81	7.8				8×80
AMJ2C-10×80/1	81	9.8				10×80
AMJ2C-8×100/1	101	7.8	190	160	37	8×100
AMJ2C-10×100/1	101	9.8				10×100
AMJ2C-10×120/1	121	9.8				10×120

AMJ3 Type Three-phase Busbar Clamp Outline and Mounting Dimension



AMJ3-8X12/3X2Three-phase
Double-slot Busbar Clamp





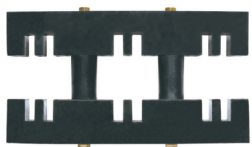
AMJ4-10×15/4×2 Type Four-phase Double-slot Busbar Clamp



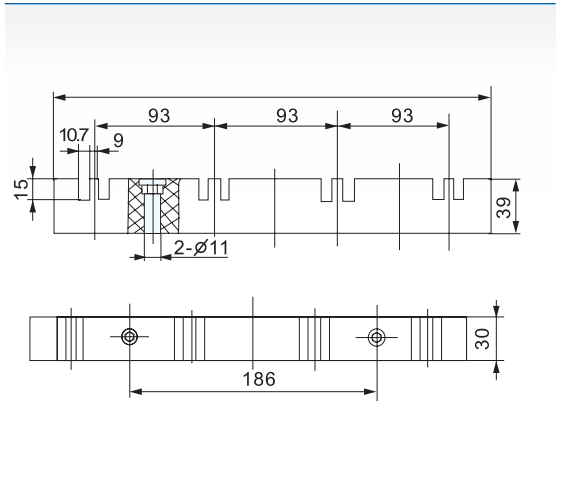
AMJ5 Single-phase Double-slot Busbar Clamp



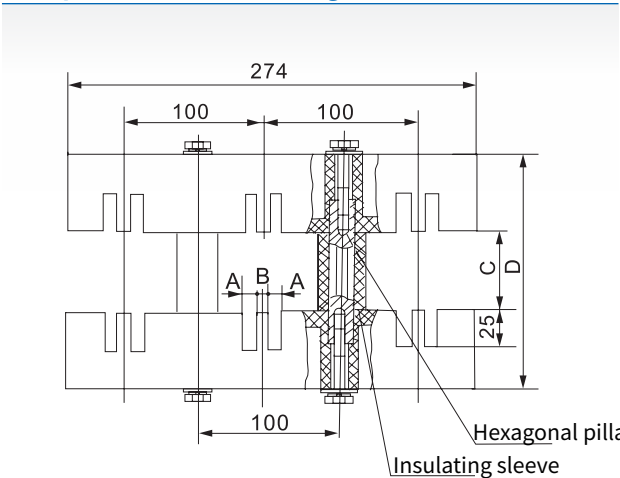
AMJ6 Modular Three-phase Double-slot Busbar Clamp



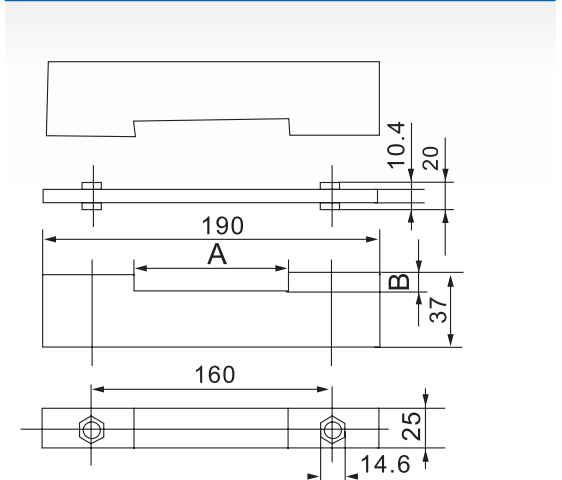
AMJ4-10X15/4X2 Type Four-phase Double-slot Busbar Clamp Outline and Mounting Dimension



AMJ6 Modular Three-phase Double-slot Busbar Clamp Outline and Mounting Dimension

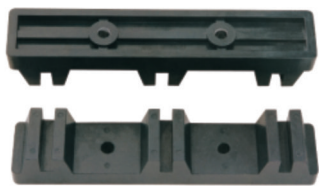


AMJ5 Single-phase Double-slot Busbar Clamp Outline and Mounting Dimension



Modle	A	B	Suitable copper busbars
AMJ5-8×100/1×2	101	7.8	8×100
AMJ5-10×80/1×2	81	9.8	10×80
AMJ5-10×100/1×2	101	9.8	10×100
AMJ5-10×120/1×2	121	9.8	10×120

Modle	A	B	C	D	Suitable copper busbars	Note
AMJ6-5.5×25/3×2	5.5	6	0	100	5×50	Comes with hexagonal pillars and insulating washers/sleeves of various specifications.
			10	110	5×60	
			30	130	5×80	
			50	150	5×100	
			70	170	5×120	
AMJ6-8×25/3×2	9	8	0	100	8×50	
			10	110	8×60	
			30	130	8×80	
			50	150	8×100	
			70	170	8×120	
AMJ6-6×25/3×2	7	6	0	100	6×50	
			10	110	6×60	
			30	130	6×80	
			50	150	6×100	
			70	170	6×120	
AMJ6-10×25/3×2	11	10	0	100	10×50	
			10	110	10×60	
			30	130	10×80	
			50	150	10×100	
			70	170	10×120	
AMJ6-12×25/3×2	13	12	0	100	12×50	
			10	110	12×60	
			30	130	12×80	
			50	150	12×100	
			70	170	12×120	
AMJ6-13×25/3×2	14.5	9	0	100	13×50	
			10	110	13×60	
			30	130	13×80	
			50	150	13×100	
			70	170	13×120	

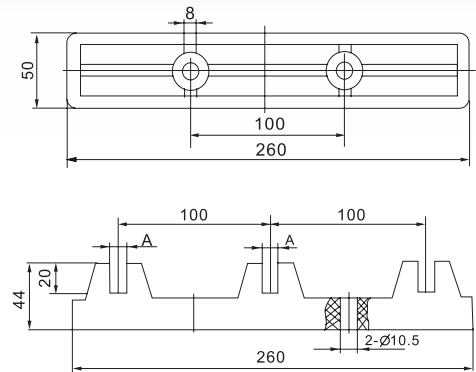


AMJ7 Type Three-phase Busbar Clamp



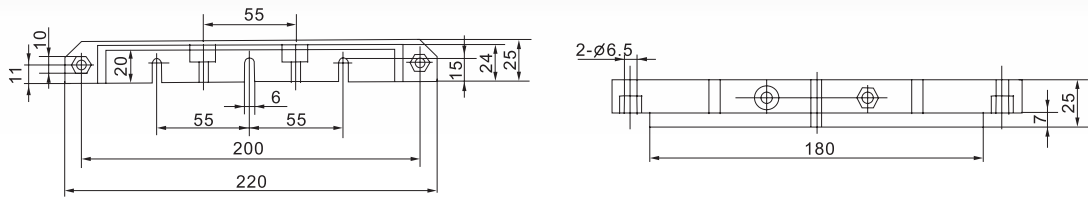
AMJ8-6×15/3×1 Three-phase Busbar Clamp (feeder clamp)

AMJ7 Type Three-phase Busbar Clamp Outline and Mounting Dimension



Modle	A
AMJ7-10×20/3×1	10.5
AMJ7-8×20/3×1	8.5

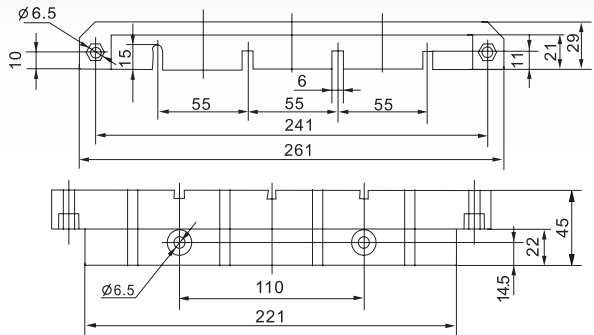
AMJ8-6×15/3×1 Type Three-phase Busbar Clamp Outline and Mounting Dimension



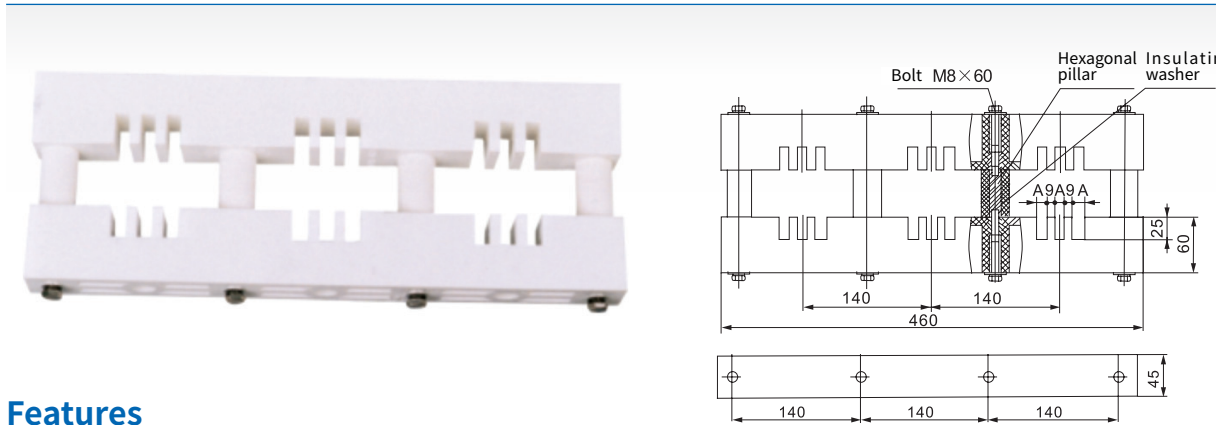
AMJ8-6×11/4×1 Type Four-pole Busbar Clamp Outline and Mounting Dimension



AMJ8-6×11/4×1Type Four-pole Busbar Clamp (Feeder Clamp)



AMJ9 Type Busbar Clamp

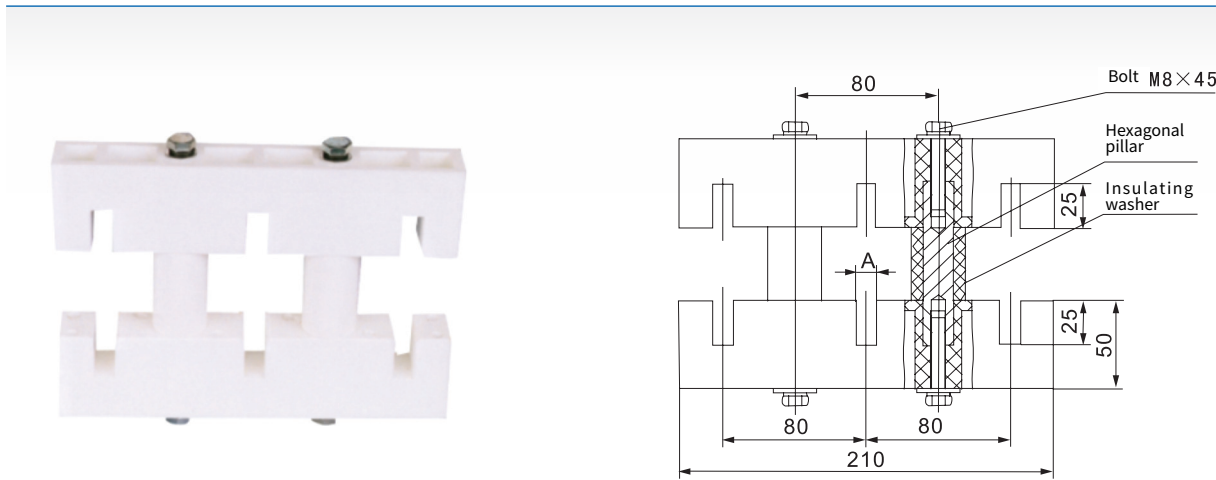


Features

The AMJ9 busbar clamp is made of high-quality SMC, featuring high strength, high flame retardance, and high insulation. It has a short-circuit withstand current of up to 80 kA.

Modle	A	Suitable copper busbars	Note
AMJ9-10×25/3×3	11	10×100、120	Comes with corresponding hexagonal pillars and insulating washers/sleeves.
AMJ9-12×25/3×3	13	12×100、120	

AMJ10 Type Busbar Clamp



Features

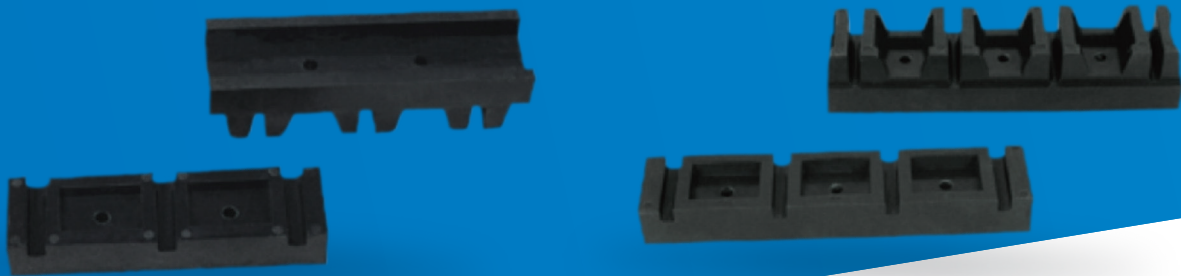
The AMJ10 busbar clamp is made of high-quality SMC, featuring high strength, high flame retardance, and high insulation. It is suitable for use in BFC, GCK, and GCL low-voltage drawer-type switchgear for fixing the main circuit busbar, offering convenient operation and installation.

Modle	A	Suitable copper busbars	Note
AMJ10-5×25/3×1	6	Copper busbar 5x50 and above	Comes with corresponding hexagonal pillars and insulating washers/sleeves.
AMJ10-6×25/3×1	7	Copper busbar 6x50 and above	
AMJ10-8×25/3×1	9	Copper busbar 8x50 and above	
AMJ10-10×25/3×1	11	Copper busbar 10x50 and above	



XP1 TYPE SMALL
BUSBAR SUPPORT

XP3 4-POLE SMALL
BUSBAR SUPPORT



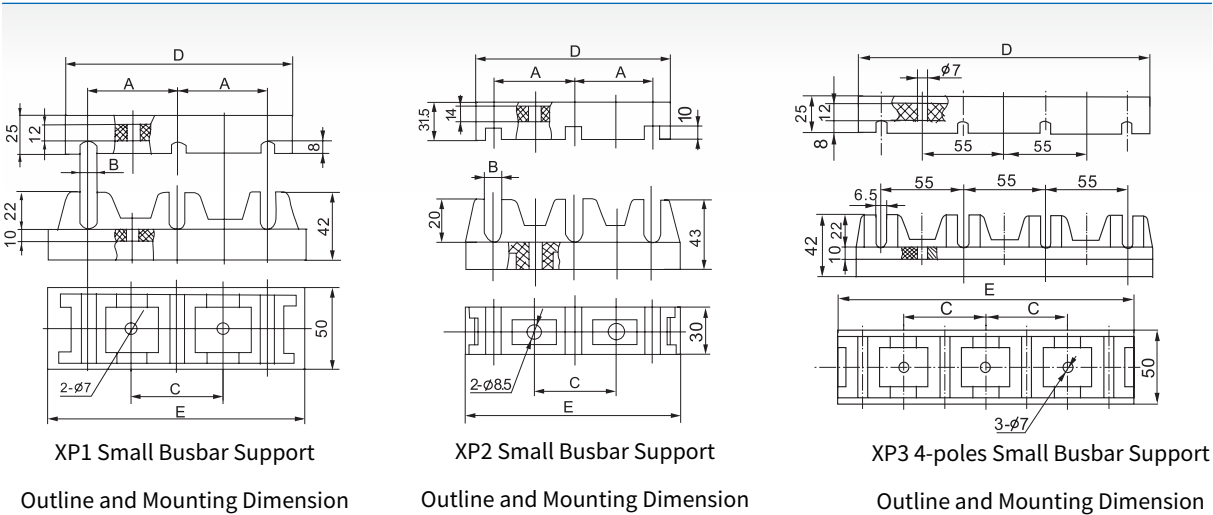
Features

This product is made of high-strength DMC unsaturated polyester resin, offering high insulation, good flame retardance, and easy installation. It is mainly used for fixing vertical busbars in GCK, GZL series and other power distribution cabinets.

Model Composition And Meaning



XP Series Small Busbar Support Model and Mounting Dimensions



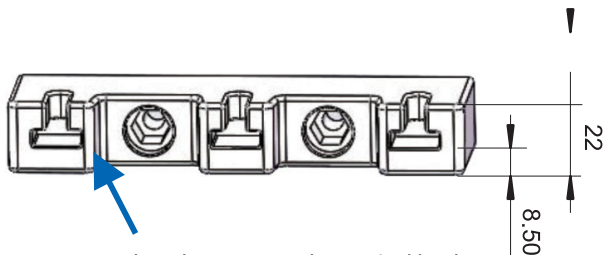
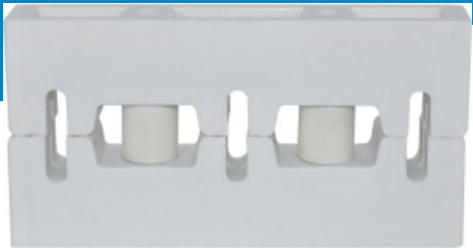
Model and Specification	A	B	C	D	E
XP1-55×5	55	5	55	140	160
XP1-55×7	55	7	55	140	160
XP1-55×8.5	55	8.5	55	140	160
XP1-60×7	60	7	60	150	170
XP1-60×8.5	60	8.5	60	150	170

Model and Specification	A	B	C	D	E
XP1-50×8.5	50	8.5	50	140	160
XP2-55×7	55	7	55	140	150
XP2-55×9	55	9	55	140	150
XP3-55×6.5	55	6.5	55	195	199

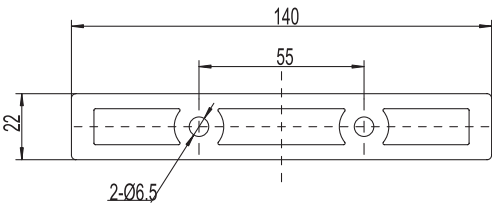


XP5 SMALL BUSBAR SUPPORT

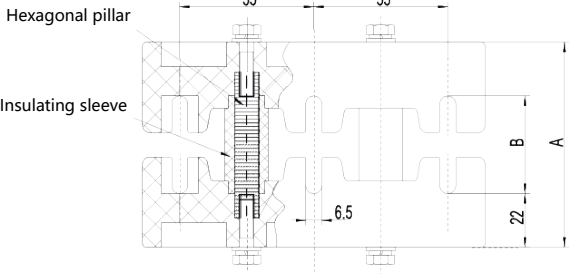
XP5A and XP5B Small Busbar Supports (vertical busbar clamps)
External and Mounting Dimensions



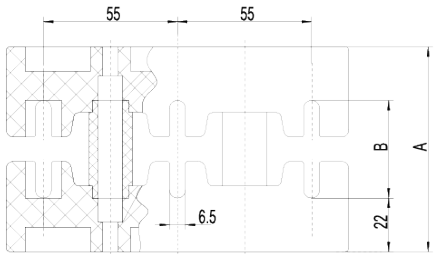
Bottom enclosed to support the vertical busbar



XP5A



XP5B Without Hexagonal pillar



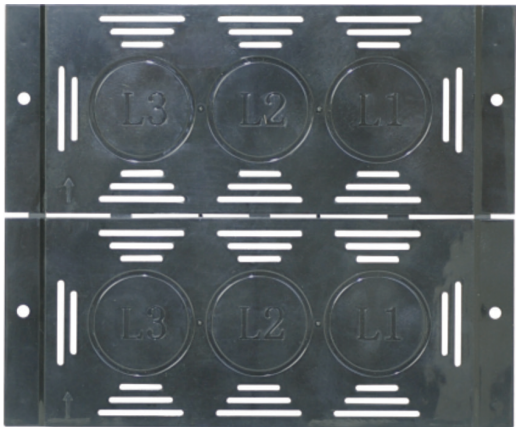
Note: If a bottom support bracket is required, please add "/D" after the model number.

Model and Specification	A	B
XP5A-3-6×30	73.5	29.5
XP5B-3-6×30		
XP5A-3-6×40	83.5	39.5
XP5B-3-6×40		
XP5A-3-6×50	93.5	49.5
XP5B-3-6×50		
XP5A-3-6×60	103.5	59.5
XP5B-3-6×60		
XP5A-3-6×80	123.5	79.5
XP5B-3-6×80		
XP5A-3-6×100	143.5	99.5
XP5B-3-6×100		
XP5A-3-6×120	163.5	119.5

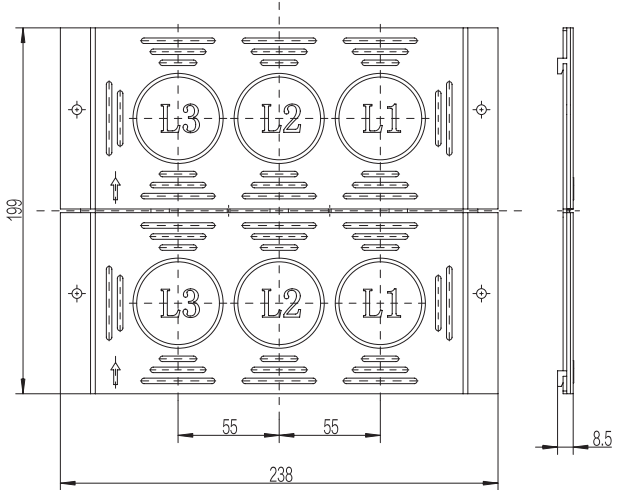


Vertical Busbar Cover

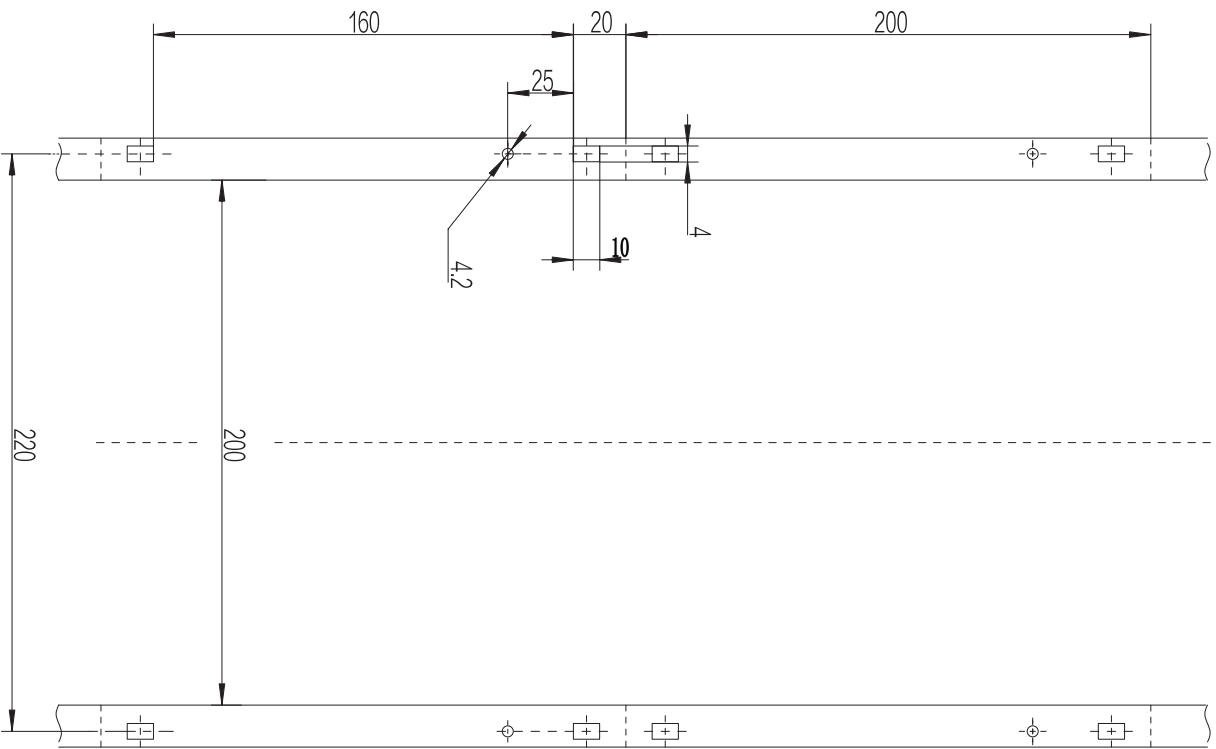
Available in transparent or black



Outline and Mounting Dimension



Mounting Dimension



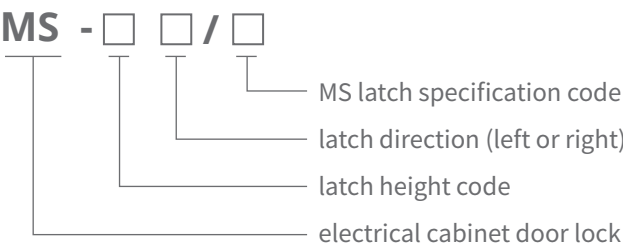
MS SAMLL DOOR LATCH



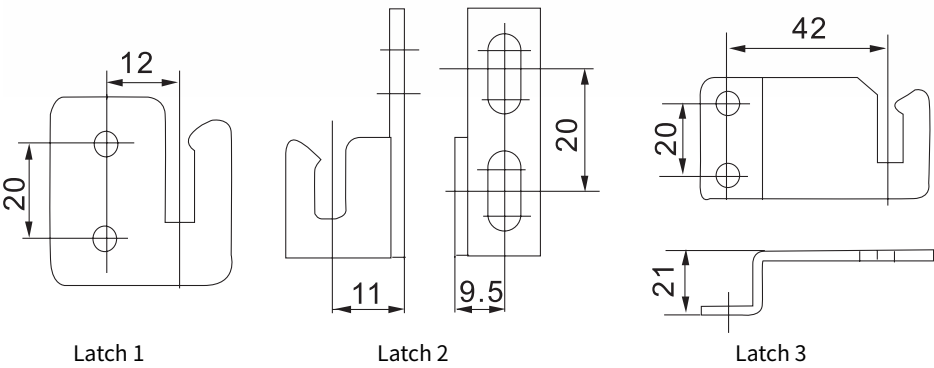
Features

MS type door locks are compact and elegant in appearance, simple to install, and convenient to use. By changing the bolt and strike, they can be adapted for use with different electrical cabinets and are suitable for both left-handed and right-handed doors. MS type door locks are used for locking cabinet doors in GCK motor control centers and other electrical cabinets.

Model Composition And Meaning

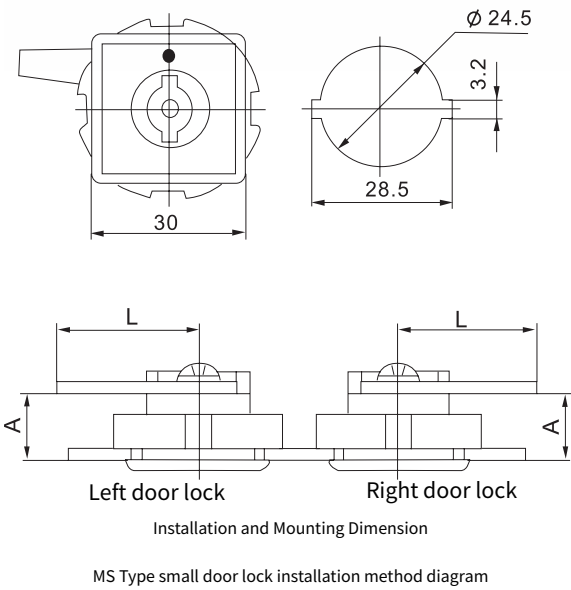


MS Type Door Lock Latch Dimensions

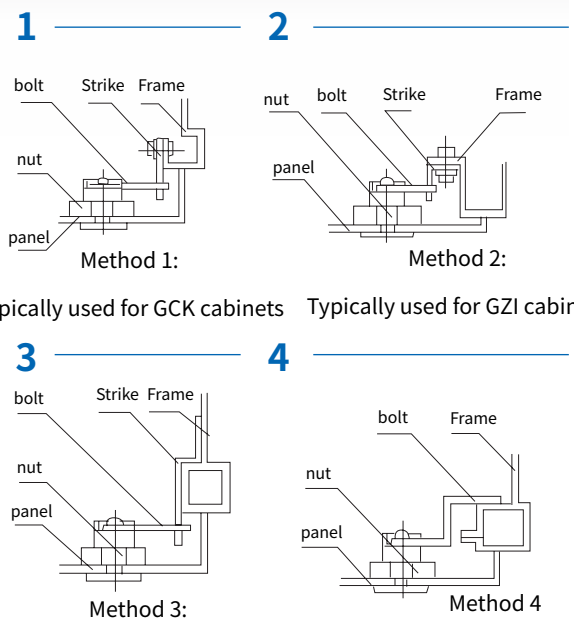


Note: Left and right latches are available
Please specify when ordering

MS Type Door Lock Installation Method and Mounting Dimensions



MS Type small door lock installation method diagram



Typically used for GCK cabinets Typically used for GZL cabinets

Typically used for GCK cabinets Typically used for Normal cabinets

Modle	Bolt height (A)	L	Bolt direction	Installation method	strike specification	Note
MS-1 L	16	30	L	Method 1	1	
MS-1 R			R			
MS-2 L			L	Method 1		
MS-2 R			R			
MS-3 L/2			L	Method 2		2 L
MS-3 R/2			R			2 R
MS-3 L/3			L	Method 3		3 L
MS-3 R/3			R			3 R
MS-4 L	20	28	L	Method 4	without strike	
MS-4 R			R			
MS-5 L	40	32	L	Method 4	without strike	

Modle	Bolt height (A)	L	Bolt direction	Installation method	strike specification	Note
MS-5 R	40	32	R	Method 4	without strike	
MS-6 L	48	34	L	Method 4	without strike	
MS-6 R			R			
MS-7 L	53	34	L		without strike	
MS-7 R			R			
MS-8 L	35	37	L		without strike	
MS-8 R			R			
MS-9 L	18.5	28	L		without strike	
MS-9 R			R			
MS-10 L	43	29	L		without strike	
MS-10 R			R			

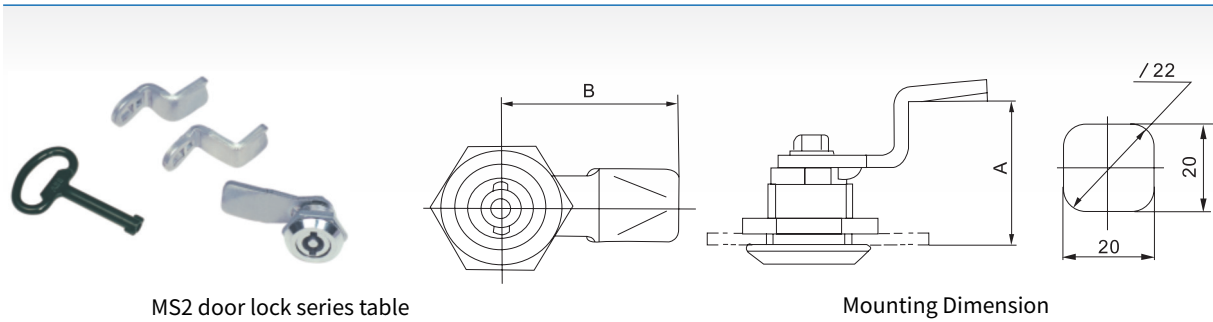
MS Type Model Composition And Meaning



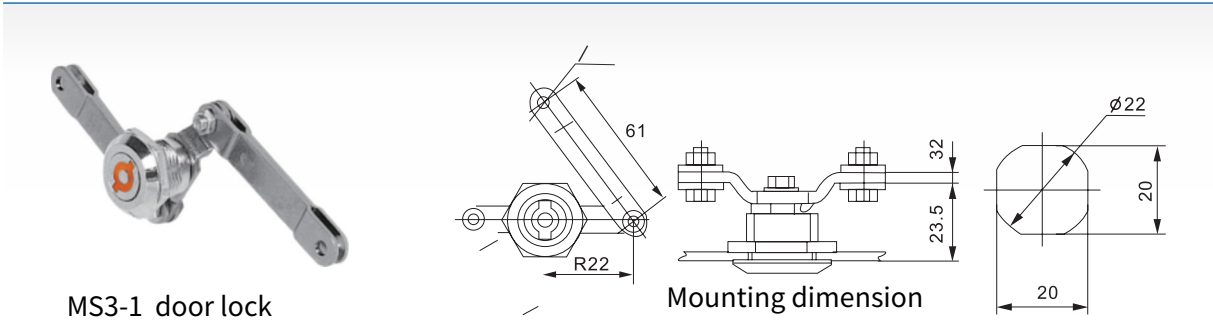
Features

MS2 and MS3 electrical cabinet door locks are all-metal with a chrome-plated finish for a glossy look. Built-in spring clips provide vibration resistance. Designed for locking doors on low-voltage distribution and control cabinets.

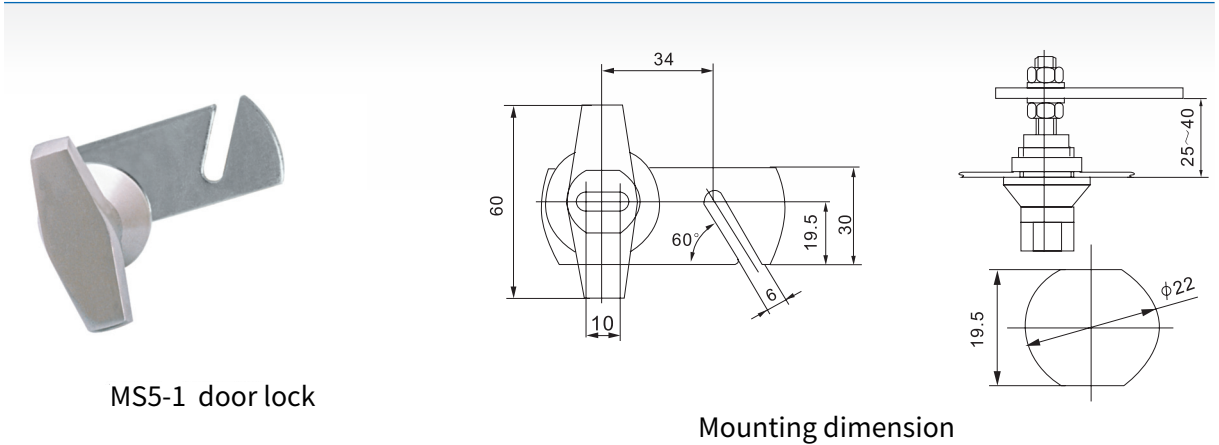
MS2 Door Lock Outline and Mounting Dimension



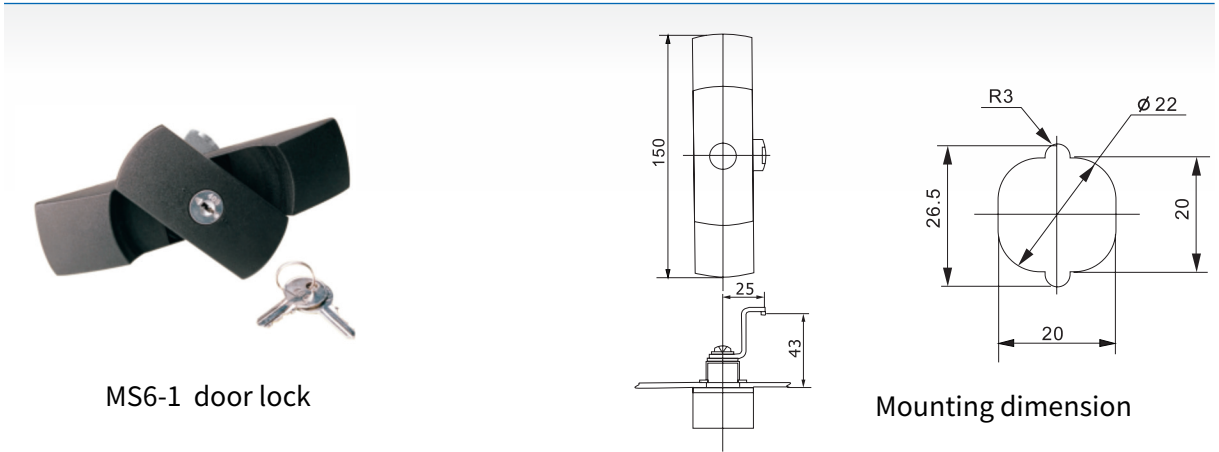
MS3-1 Door Lock Outline and Mounting Dimension



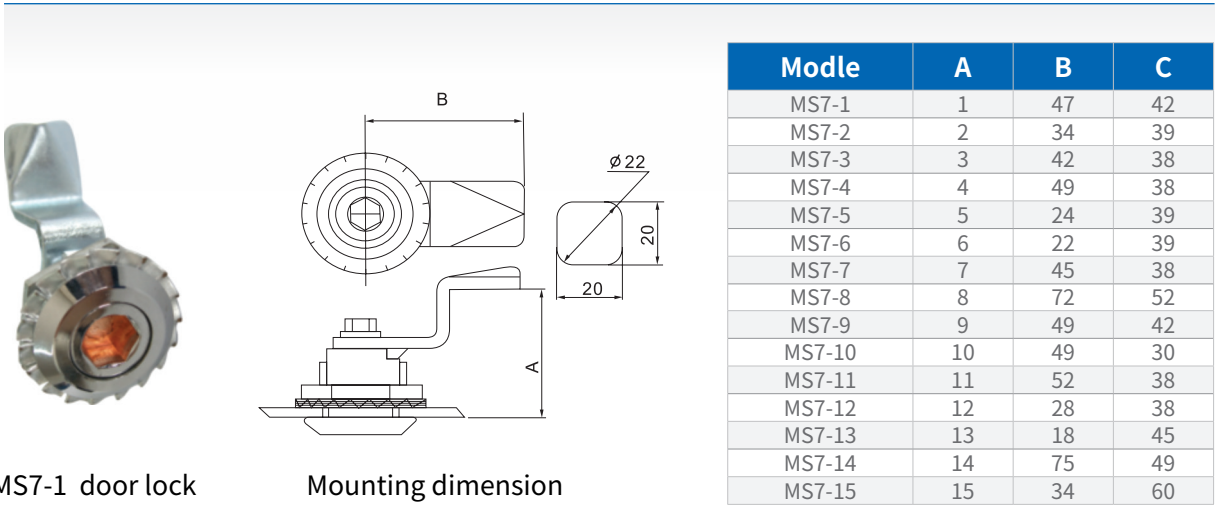
MS5-1 Door Lock Outline and Mounting Dimension



MS6-1 Door Lock Outline and Mounting Dimension



MS7 Door Lock



BC1-120×83×83
LOUVER WINDOW

BC2
LOUVER WINDOW

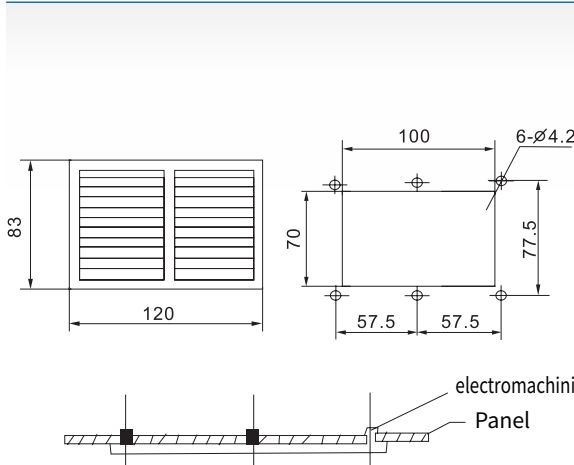


Purpose

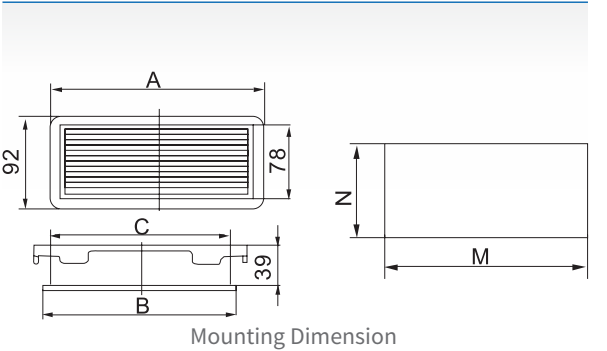
BC1 louvers: For GZL, GCK, BFC distribution cabinets.

BC2 louver assemblies: For MLS and high-end cabinets. Provide ventilation, easy installation, and can be used individually or in combination.

BC1-120×83 Outline and Mounting Dimension



BC2 Louver Assembly Model and Mounting Dimension



Modle	Outline Dimension			Mounting Dimension	
	A	B	C	M	N
BC2-200×78	214	200	189.5	190	70
BC2-458×78	476	458	458	450.5	70

BC2 Louver Outline and Mounting Dimension

GC1 INSPECTION
WINDOW

GC2 INSPECTION
WINDOW



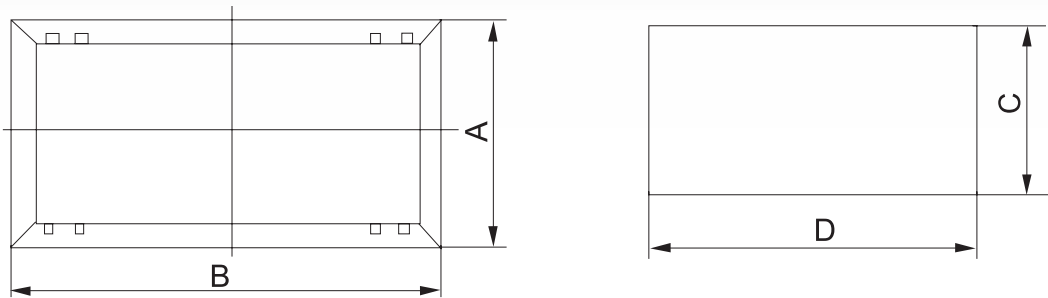
Features

GC1 and GC2 observation windows are used in GCK, GZL, PGL and other distribution cabinets for viewing instruments and meters. Suitable for panel thicknesses of 1.5mm and 2mm.

GC1: Made of transparent polycarbonate, snap-in installation, high strength and clarity.

GC2: Plastic frame with glass panel, high clarity, no discoloration.

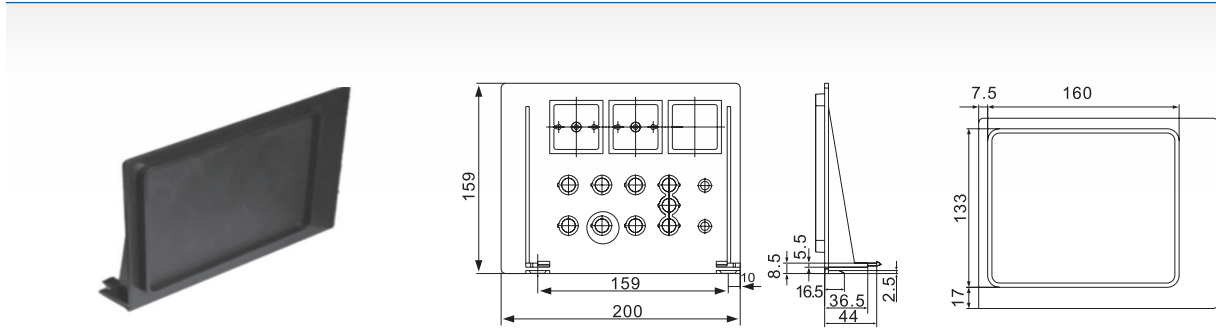
GC1、GC2 Inspection Window Model and Mounting Dimension



Modle	Outline Dimension		Mounting Dimension	
	A	B	C	D
GC1-100×100	116	116	100	100
GC1-100×200	116	216	100	200
GC2-100×100	116	116	100	100
GC3-70×130	81	137	70	130

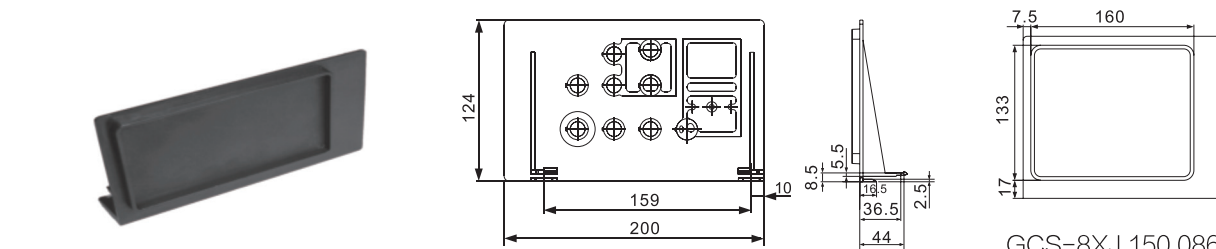


GCS MCC Panel



MCC Panel GCS-TC-00104(for drawers than one unit)

GCS-8XJ.150.087

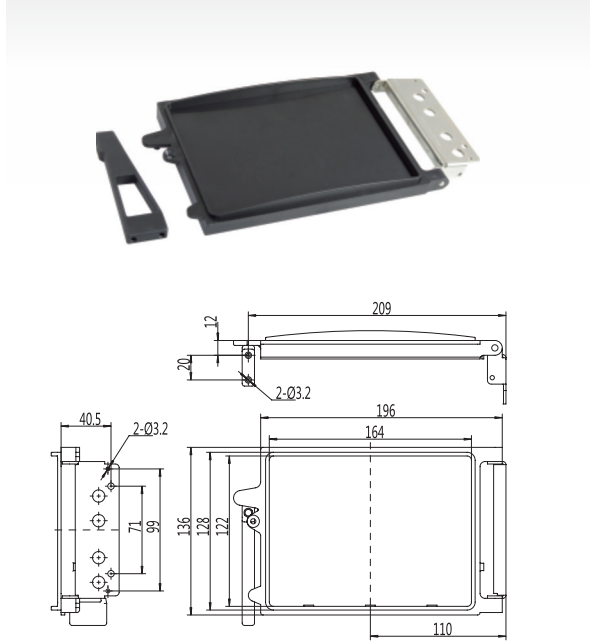


MCC Panel GCS-TC-0044(for one unit drawers)

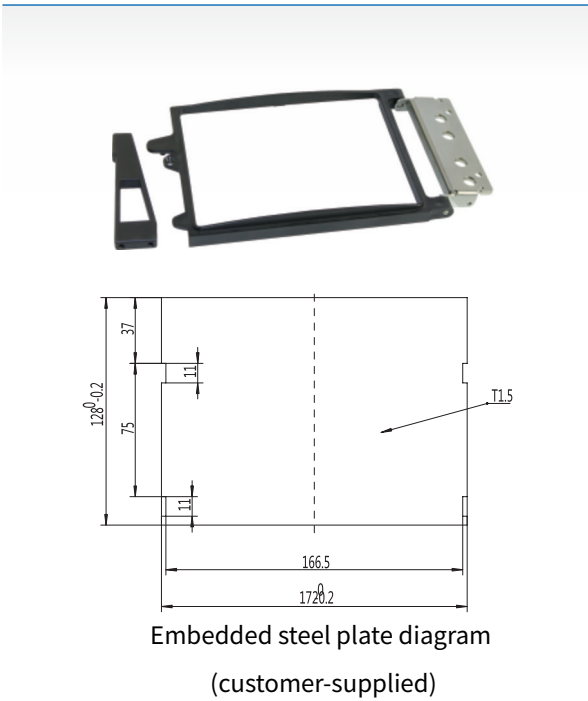
GCS-8XJ.150.086

The GCS MCC panel is a dedicated instrument panel for drawers in GCS withdrawable switchgear and controlgear assemblies. This accessory is available in two specifications: for single-unit drawers and for multi-unit drawers. The GCS-TC-00044 MCC panel is designed specifically for GCS single-unit drawers. The GCS-TC-00104 MCC panel is designed for GCS drawers larger than one unit (excluding single-unit drawers).

CKB1-164X122 Open-type MCC panel (all-plastic)



Open-type MCC panel (steel plate type)



Embedded steel plate diagram (customer-supplied)

GUIDE RAIL AND OTHER COMPONENTS

GUIDE RAIL AND OTHER COMPONENTS

Handle Mounting Dimension



5WXJ.253.017 (HANL.200.008P1) GCS-TC-017 GCS-TC-00006

Left and Right Guides for Unit Drawer and Drawer Side Panel Accessories



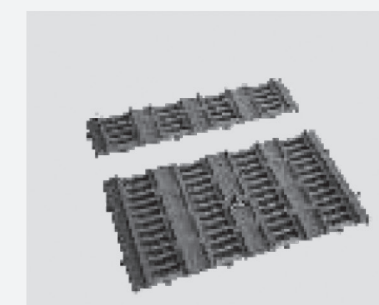
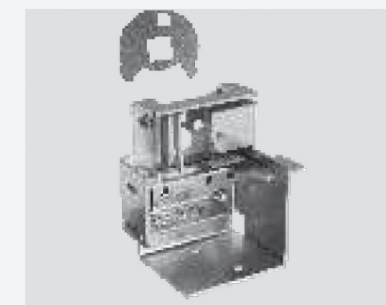
Modle	Length L
HANL200.022P1-369	369
HANL200.022P2-369	
HANL200.022P1-429	429
HANL200.022P2-429	
HANL200.022P1-469	469
HANL200.022P2-469	

MNS drawer side panel accessory

1. Bearing(Ø 28)
2. Shaft HANL 200 021.1
3. Wheel axle HANL 200 021.2
4. Wheel HANL 200 021.3
5. Shaft HANL 200 022.1
6. Pin HANL 200 022.2
7. Spring HANL 200 022.3



8PT/OKKEN B/P CABINET ACCESSORIES



CABINET ACCESSORIES

No.01



CODE NAME
8PT100CT
1 Unit Drawer

UNIT: Piece

No.06



CODE NAME
8PT500CT
5 Unit Drawer

UNIT: Piece

No.02



CODE NAME
8PT150CT
1.5 Unit Drawer

UNIT: Piece

No.07



CODE NAME
8PT1/2-150CT
1/2150 Tall Drawer

UNIT: Piece

No.03



CODE NAME
8PT200CT
2 Unit Drawer

UNIT: Piece

No.08



CODE NAME
8PT1/2-200CT
1/2200 Tall Drawer

UNIT: Piece

No.04



CODE NAME
8PT300CT
3 Unit Drawer

UNIT: Piece

No.09



CODE NAME
8PT20564.02
Drawer Base Plate

UNIT: Piece

No.05



CODE NAME
8PT400CT
4 Unit Drawer

UNIT: Piece

No.10



CODE NAME
8PT7860.05
Transparent Base Plate

UNIT: Piece

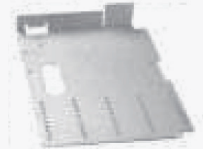
No.11



CODE NAME
8PT8123.03
1.5 Unit Left Side Panel

UNIT: Piece

No.16



CODE NAME
8PT5399.07
3 Unit Left Side Panel

UNIT: Piece

No.12



CODE NAME
8PT8122.05
1.5 Unit Right Side Panel

UNIT: Piece

No.17



CODE NAME
8PT5700.05
4 Unit Left Side Panel

UNIT: Piece

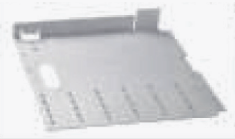
No.13



CODE NAME
8PT5638.06
2 Unit Left Side Panel

UNIT: Piece

No.18



CODE NAME
8PT5699.08
4 Unit Left Side Panel

UNIT: Piece

No.14



CODE NAME
8PT5637.08
2 Unit Left Side Panel

UNIT: Piece

No.19



CODE NAME
8PT2718.05
Drawer rear wall upper bezel

UNIT: Piece

No.15



CODE NAME
8PT5398.05
3 Unit Left Side Panel

UNIT: Piece

No.20



CODE NAME
8PT20568.03
Mechanism Interlock Plate

UNIT: Piece

8PT Cabinet Accessories

No.21



CODE NAME

8PT2625

Incoming line function plate

UNIT: Piece

No.26



CODE NAME

8PT6150

Handle

UNIT: Piece

No.22



CODE NAME

8PT4768

Outlet function plate

UNIT: Piece

No.27



CODE NAME

8PT12578

Front rotary sleeve

UNIT: Piece

No.23



CODE NAME

8PT2630

Incoming line terminal box

UNIT: Piece

No.28



CODE NAME

8PT12579

Rear rotary sleeve

UNIT: Piece

No.24



CODE NAME

8PT2631

Outgoing line terminal box

UNIT: Piece

No.29



CODE NAME

8PT12580

Guide sleeve (for cylindrical pin)

UNIT: Piece

No.25



CODE NAME

8PT4073

Outgoing line terminal box (low current)

UNIT: Piece

No.30



CODE NAME

8PT7857

Compression spring

UNIT: Piece

No.31



CODE NAME

8PT12581

Indicator plate

UNIT: Piece

No.32



CODE NAME

8PT12660

Label

UNIT: Piece

No.33



CODE NAME

8PT7868

Secondary plug

UNIT: Piece

No.34



CODE NAME

8PT7869

Secondary socket

UNIT: Piece

No.35



CODE NAME

8PT20429

Secondary contact pin (1.5mm²)

UNIT: Piece

No.36



CODE NAME

8PT20430

Secondary contact pin (1.5mm²)

UNIT: Piece

No.37



CODE NAME

8PT2597

Contact

UNIT: Piece

No.38



CODE NAME

8PT2641

Connecting busbar

UNIT: Piece

No.39



CODE NAME

8PT2642

Spacer block

UNIT: Piece

No.40



CODE NAME

8PT4074

Outlet copper block

UNIT: Piece

8PT Cabinet Accessories

No.41



CODE NAME

8PT22570

N-L2 Phase copper busbar

UNIT: Piece

No.46



CODE NAME

8PT5434

Rotary bearing

UNIT: Piece

No.51



CODE NAME

8PT5387.2

U-shaped handle (small)

UNIT: Piece

No.56



CODE NAME

8PT8318

Adjusting ring
(inner diameter φ15)

UNIT: Piece

No.42



CODE NAME

8PT22571

L1-L3 Phase copper busbar

UNIT: Piece

No.47



CODE NAME

8PT25489

M12S haft

UNIT: Piece

No.52



CODE NAME

8PT5444.1

Plastic handle (large)

UNIT: Piece

No.57



CODE NAME

8PT8319

Adjusting ring
(inner diameter φ15)

UNIT: Piece

No.43



CODE NAME

8PT23827

L1-L3 Phase copper busbar

UNIT: Piece

No.48



CODE NAME

8PT538

Door lock

UNIT: Piece

No.53



CODE NAME

8PT5387.1

Plastic handle (small)

UNIT: Piece

No.58



CODE NAME

8PT3599

Adapter (upper)

UNIT: Piece

No.44



CODE NAME

8PT23827-G

N-L2 Phase copper busbar

UNIT: Piece

No.49



CODE NAME

8PT535

Door hinge

UNIT: Piece

No.54



CODE NAME

8PT5662

Rubber plug

UNIT: Piece

No.59



CODE NAME

8PT3600

Adapter (lower)

UNIT: Piece

No.45



CODE NAME

8PT6418

Shaft nut

UNIT: Piece

No.50



CODE NAME

8PT5444.2

U-shaped handle (large)

UNIT: Piece

No.55



CODE NAME

8PT8353

Chock plug

UNIT: Piece

No.60



CODE NAME

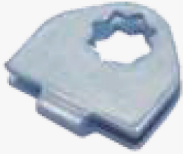
8PT5397.00

Clamping piece

UNIT: Piece

8PT Cabinet Accessories

No.61



CODE NAME
8PT8152.01
Symmetrical block-8

UNIT: Piece

No.66



CODE NAME
8PT35438.00
Pin

UNIT: Piece

No.71



CODE NAME
8PT35440.00
Support post

UNIT: Piece

No.76



CODE NAME
8PT25490.00
Rear bearing plate

UNIT: Piece

No.62



CODE NAME
8PT8151.02
Symmetrical block-6

UNIT: Piece

No.67



CODE NAME
8PT5944.01
Pin

UNIT: Piece

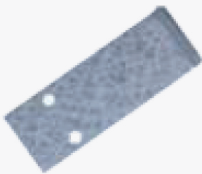
No.72



CODE NAME
8PT5950.02
Support post

UNIT: Piece

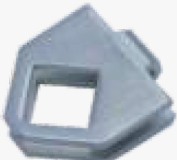
No.77



CODE NAME
8PT5341.07
Closing sheet

UNIT: Piece

No.63



CODE NAME
8PT8154.01
Symmetrical block-12

UNIT: Piece

No.68



CODE NAME
8PT5951.01
Support post

UNIT: Piece

No.73



CODE NAME
8PT6539.05
Support post

UNIT: Piece

No.78



CODE NAME
8PT539.00
Door lock bent plate

UNIT: Piece

No.64



CODE NAME
8PT9915.02
Pin

UNIT: Piece

No.69



CODE NAME
8PT5640.03
Support post

UNIT: Piece

No.74



CODE NAME
8PT25491
Left bearing plate

UNIT: Piece

No.79



CODE NAME
8PT6698.01
Hinge

UNIT: Piece

No.65



CODE NAME
8PT7169.03
Pin

UNIT: Piece

No.70



CODE NAME
8PT9913.00
Support post

UNIT: Piece

No.75



CODE NAME
8PT25492
Right bearing plate

UNIT: Piece

No.80



CODE NAME
8PT6699.00
Hinge

UNIT: Piece

8PT Cabinet Accessories

No.81



CODE NAME

8PT5475.02

Indicator support

UNIT: Piece

No.86



CODE NAME

8PT5623.03

Guide frame

UNIT: Piece

No.91



CODE NAME

8PT13254.04

Door block

UNIT: Piece

No.96



CODE NAME

8PT88.28

Rubber boot

UNIT: Piece

No.82



CODE NAME

8PT5544.04

Indicator support 150

UNIT: Piece

No.87



CODE NAME

8PT6540.04

Guide frame

UNIT: Piece

No.92



CODE NAME

8PT12582.04

Secondary mounting movable bracket

UNIT: Piece

No.97



CODE NAME

3SB-3000

Button

UNIT: Piece

No.83



CODE NAME

8PT6905.00

Block

UNIT: Piece

No.88



CODE NAME

8PT6887.07

Mechanism right bracket

UNIT: Piece

No.93



CODE NAME

8PT20567.03

Drawer interlock plate 1

UNIT: Piece

No.98



CODE NAME

8PT8354

Insulating sleeve

UNIT: Piece

No.84



CODE NAME

8PT9667.00

Latch plate

UNIT: Piece

No.89



CODE NAME

8PT6789.07

Mechanism left bracket

UNIT: Piece

No.94



CODE NAME

8PT8092.04

Drawer interlock plate 2

UNIT: Piece

No.99



CODE NAME

8PT6896.02

Reinforcing plate

UNIT: Piece

No.85



CODE NAME

8PT5744

Mounting plate

UNIT: Piece

No.90



CODE NAME

8PT5958.01

Adapter

UNIT: Piece

No.95



CODE NAME

8PT5943.00

Symmetrical block

UNIT: Piece

No.100



CODE NAME

8PT11049

Microswitch (with insulating plate)

UNIT: Piece

8PT Cabinet Accessories

No.101



CODE NAME

8PT8150

Clips

UNIT: Piece

No.106



CODE NAME

8PT3427

Side-outlet copper busbar B

UNIT: Piece

No.111



CODE NAME

8PT2627

Insulating plate

UNIT: Piece

No.116



CODE NAME

CJG-1.65

Operating mechanism (3VL400 circuit breaker)

UNIT: Piece

No.102



CODE NAME

8PT3432

Side-outlet copper busbar C

UNIT: Piece

No.107



CODE NAME

8PT3428

Side-outlet copper busbar C

UNIT: Piece

No.112



CODE NAME

8PT2622

Support component

UNIT: Piece

No.117



CODE NAME

8PTSB-1.71

Short handle (8UC71handle)

UNIT: Piece

No.103



CODE NAME

8PT3431

Side-outlet copper busbar B

UNIT: Piece

No.108



CODE NAME

8PT22545.01

Copper busbar support

UNIT: Piece

No.113



CODE NAME

8PT22572

Copper busbar support (side cover)

UNIT: Piece

No.118



CODE NAME

8PTSB-1.72

Medium handle (8UC72 handle)

UNIT: Piece

No.104



CODE NAME

8PT3430

Side-outlet copper busbar A

UNIT: Piece

No.109



CODE NAME

8PT9183.01

Vertical support conductive bar

UNIT: Piece

No.114



CODE NAME

CJG-1.63

Operating mechanism (3VL160 circuit breaker)

UNIT: Piece

No.119



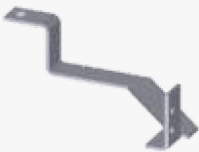
CODE NAME

8PTSB-1.73

Long handle (8UC73 handle)

UNIT: Piece

No.105



CODE NAME

8PT3426

Side-outlet copper busbar A

UNIT: Piece

No.110



CODE NAME

8PT22722

Copper latch support

UNIT: Piece

No.115



CODE NAME

CJG-1.64

Operating mechanism (3VL160/250)

UNIT: Piece

OKKEN Cabinet Accessories

No.01

CODE NAME

87364G

125A Incoming line plug

UNIT: Piece



No.06

CODE NAME

87370G

400A Outgoing line plug

UNIT: Piece



No.02

CODE NAME

87368G

125A Outgoing line plug

UNIT: Piece



No.07

CODE NAME

87366

630A Incoming line plug

UNIT: Piece



No.03

CODE NAME

87364

250A Incoming line plug

UNIT: Piece



No.08

CODE NAME

87370

630A Outgoing line plug

UNIT: Piece



No.04

CODE NAME

87368

250A Outgoing line plug

UNIT: Piece



No.09

CODE NAME

87598

250A Incoming line plug
70-1

UNIT: Piece



No.05

CODE NAME

87366G

400A Incoming line plug

UNIT: Piece



No.10

CODE NAME

87372

250A Outlet busbar
support clip

UNIT: Piece



No.11

CODE NAME

87265

630A Outlet busbar
support clip

UNIT: Piece



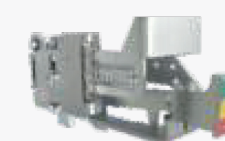
No.16

CODE NAME

87384G

Drawer position
mechanical mechanism
(all-metal)

UNIT: Piece



No.12

CODE NAME

87270

Vertical busbar
40/50 bracket (BB70)

UNIT: Piece



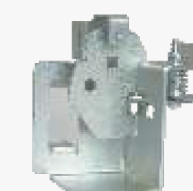
No.17

CODE NAME

87782

GV2 1/2
drawer mechanical
interlock

UNIT: Piece



No.13

CODE NAME

87271

Vertical busbar
80/100 bracket (BB70)

UNIT: Piece



No.18

CODE NAME

87784

Ns80 draw-out
mechanical interlock

UNIT: Piece



No.14

CODE NAME

87272

Vertical busbar base

UNIT: Piece



No.19

CODE NAME

87787

Gv2 drawer mechanical
interlock

UNIT: Piece



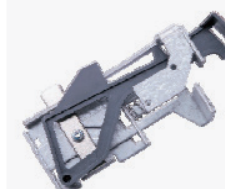
No.15

CODE NAME

87384

Drawer position
mechanical mechanism

UNIT: Piece



No.20

CODE NAME

87788

NS250 3P NS80
drawer mechanical interlock

UNIT: Piece



OKKEN Cabinet Accessories

No.21



CODE NAME

87789

NS2504P-630 3P
Drawer mechanical
interlock

UNIT: Piece

No.26



CODE NAME

87410.2

M5×12 Self-tapping
locking screw

UNIT: Pack (500/pack)

No.22



CODE NAME

87791

Ns6304P
Drawer mechanical
interlock

UNIT: Piece

No.27



CODE NAME

87655

M6 Square clip nut

UNIT: Piece

No.23



CODE NAME

8PT4768

M6×13 Self-tapping
locking screw

UNIT: Pack (500/pack)

No.28



CODE NAME

87185

M10 Square clip nut

UNIT: Piece

No.24



CODE NAME

87183

M5×20 Self-tapping
locking screw

UNIT: Pack (500/pack)

No.29



CODE NAME

87512

1/2 Drawer moving part
3P wiring plug

UNIT: Piece

No.25



CODE NAME

87196

M4×8 Self-tapping
locking screw

UNIT: Pack (500/pack)

No.30



CODE NAME

87512-1

1/2 Drawer fixed part
3P wiring plug

UNIT: Piece

No.31



CODE NAME

87430

Drawer fixed part
accessories

UNIT: Piece

No.32



CODE NAME

87431

Drawer fixed part
accessories

UNIT: Set

No.33



CODE NAME

87643

H35 M10 Insulator

UNIT: Piece

No.34



CODE NAME

87431.1

Knurled pin

UNIT: Piece

No.35



CODE NAME

87431.2

Copper nut

UNIT: Piece

No.36



CODE NAME

87431.3

Guide rail

UNIT: Piece

No.37



CODE NAME

87431.4

Gasket

UNIT: Piece

No.38



CODE NAME

87431.1

Knurled pin

UNIT: Piece

OKKEN

B CABINET ACCESSORIES

No.01



CODE NAME
51127504XO
Insulating tube

UNIT: Piece

No.02



CODE NAME
705658
Comb busbar frame

UNIT: Piece

No.03



CODE NAME
705699.1
Spring clip

UNIT: Piece

No.04



CODE NAME
705699
Clip bolt

UNIT: Piece

No.05



CODE NAME
705680
Hinge

UNIT: Set

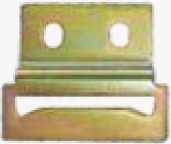
No.06



CODE NAME
51127095
Middle hinge

UNIT: Piece

No.07



CODE NAME
51127143
Bracket

UNIT: Piece

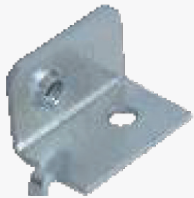
No.08



CODE NAME
51128990XO
Bracket

UNIT: Piece

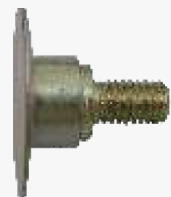
No.09



CODE NAME
51127212
Hinge

UNIT: Piece

No.10



CODE NAME
51127558XO
CAM guide pin

UNIT: Piece



No.11



CODE NAME
51127582XO
Hinge rivet assembly

UNIT: Piece

No.12



CODE NAME
51127730XO
Hinge rivet

UNIT: Piece

No.13



CODE NAME
51127667XO-A
Upper/lower hinge (without pin)

UNIT: Piece

No.14



CODE NAME
51127667XO-B
Upper/lower hinge (with pin)

UNIT: Piece

No.15



CODE NAME
51127567-B
Connector housing

UNIT: Piece

No.15



CODE NAME
51127567-A
Connector housing

UNIT: Piece

No.15



CODE NAME
51127568-B
Pin/socket

UNIT: Piece

No.15



CODE NAME
51127568-A
Pin/socket

UNIT: Piece

No.16



CODE NAME
51127584XO
Shaft cover

UNIT: Piece

No.17



CODE NAME
51127592XO
Cover plate bracket

UNIT: Piece



B CABINET ACCESSORIES

No.18



CODE NAME

51127716XO

Cam weld

UNIT: Piece

No.23



CODE NAME

BLK.8XJ.110.013

Busbar clamp

UNIT: Piece

No.28



CODE NAME

51127757XO

Plug spring clip

UNIT: Piece

No.33



CODE NAME

51127793XO

Plug

UNIT: Piece

No.19



CODE NAME

51127758XO

Latch hook

UNIT: Piece

No.24



CODE NAME

51127753XO

6-10mm² Contact clip

UNIT: Piece

No.29



CODE NAME

BLK.570.001~004

Head with wire(6-50mm²)

UNIT: Set

No.34



CODE NAME

51127795XO

Socket

UNIT: Piece

No.20



CODE NAME

51127501XO

C-type handle

UNIT: Piece

No.25



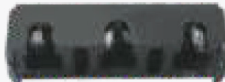
CODE NAME

51127754XO

16-25mm² Primary plug

UNIT: Piece

No.30



CODE NAME

51127812XO

Connector base

UNIT: Piece

No.35



CODE NAME

51127596XO

Support component

UNIT: Piece

No.21



CODE NAME

51127695XO

Cam fixing pin

UNIT: Piece

No.26



CODE NAME

51130471XO

35mm² Primary plug

UNIT: Piece

No.31



CODE NAME

51127540XO

Cover plate

UNIT: Piece

No.35



CODE NAME

51127544XO

Busbar clamp

UNIT: Piece

No.22



CODE NAME

51127613XO

Drawer guide pin

UNIT: Piece

No.27



CODE NAME

51127755XO

50mm² Primary plug

UNIT: Piece

No.32



CODE NAME

51127698XO

Drawer adapter screw

UNIT: Piece

No.35



CODE NAME

51127598XO

Pressure plate block

UNIT: Piece

B CABINET ACCESSORIES

No.35

CODE NAME
51127599XO
Subplate



UNIT: Piece

No.40

CODE NAME
51128685XO
Busbar compartment partition



UNIT: Piece

No.45

CODE NAME
51130802XO
Incoming plug support plate



UNIT: Piece

No.50

CODE NAME
51127578
Door strike



UNIT: Piece

No.36

CODE NAME
51127811XO
Small busbar clamp



UNIT: Piece

No.41

CODE NAME
51128686XA
Busbar compartment upper partition



UNIT: Piece

No.46

CODE NAME
25278007
Insulator (height 35mmM8)



UNIT: Piece

No.51

CODE NAME
51127641
Shaft sleeve



UNIT: Piece

No.37

CODE NAME
51127872XO
Label



UNIT: Piece

No.42

CODE NAME
51128686XB
Busbar compartment lower partition



UNIT: Piece

No.47

CODE NAME
51127546XO
Retaining ring



UNIT: Piece

No.52

CODE NAME
51131755
Bracket



UNIT: Piece

No.38

CODE NAME
51127985XO
Outcoming plug support plate



UNIT: Piece

No.43

CODE NAME
51127694
Operation handle



UNIT: Piece

No.48

CODE NAME
51127803XO
Drawer slider



UNIT: Piece

No.53

CODE NAME
89455
Drawer cabinet triangular core door lock



UNIT: Piece

No.39

CODE NAME
51131806XO
Base



UNIT: Piece

No.44

CODE NAME
51130799XO
incoming plug bracket



UNIT: Piece

No.49

CODE NAME
51131756
Bolt



UNIT: Piece

No.53

CODE NAME
89451
Fixed cabinet triangular core door lock



UNIT: Piece

B CABINET ACCESSORIES

No.54



CODE NAME
29131105CB
Key
UNIT: Piece

No.58



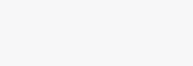
CODE NAME
2123509
Item for D6 steel with claw
UNIT: Piece

No.55



CODE NAME
89456
Drawer cabinet square core door lock
UNIT: Piece

No.59



CODE NAME
1023804
D12 steel bowl-shaped washer
UNIT: Piece

No.55



CODE NAME
89452
Fixed cabinet square core door lock
UNIT: Piece

No.60



CODE NAME
1023790
D10 steel bowl-shaped washer
UNIT: Piece

No.56



CODE NAME
29131105CA
Square key
UNIT: Piece

No.61



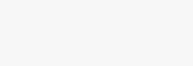
CODE NAME
1023797
D8 steel bowl-shaped washer
UNIT: Piece

No.57



CODE NAME
17260203
18X3mm sealing gasket
UNIT: Piece

No.62



CODE NAME
1023793
D6 steel bowl-shaped washer
UNIT: Piece

No.63



CODE NAME
706204
M10 Insulating threaded rod
UNIT: Piece

No.68



CODE NAME
GH100686
Auxiliary contact plug
UNIT: Piece

No.64



CODE NAME
705981
M10 Insulating nut
UNIT: Piece

No.69



CODE NAME
GH100687
Auxiliary contact socket
UNIT: Piece

No.65



CODE NAME
88640
Small drawer outcoming copper block
UNIT: Piece

No.70



CODE NAME
GH100680
Guide rail accessory
UNIT: Piece

No.66



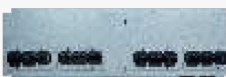
CODE NAME
GH100642
Hinge cap
UNIT: Piece

No.71



CODE NAME
GH100681
Position indications set (≥ 3M)
UNIT: Set

No.67



CODE NAME
GH100685
Drawer adapter module
UNIT: Piece

No.72



CODE NAME
GH100682
Position indications set (2M or 4M/2)
UNIT: Set

Cabinet Accessories

No.73



CODE NAME
GH100683
Insulating grille
BLK.8XJ.336.003 (small)
BLK.8XJ.336.004 (big)

UNIT: Piece

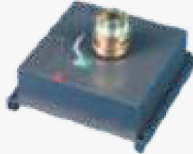
No.78



CODE NAME
LS516-75
Handle

UNIT: Piece

No.83



CODE NAME
CZ3-1409/NS
NSX100-250A
Operation mechanism

UNIT: Piece

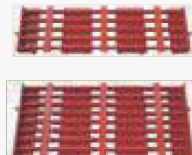
No.88



CODE NAME
BLK.203.022
BLK.203.023
伸缩杆

UNIT: Piece

No.74



CODE NAME
GH100683G
Insulating grille (three-pole)

UNIT: Set

No.79



CODE NAME
LS516-100
Handle

UNIT: Piece

No.84



CODE NAME
CZ3-296/NS
NSX400-630A
Operation mechanism

UNIT: Piece

No.89



CODE NAME
D1X
NSX100-250A
Operation handle

UNIT: Piece

No.75



CODE NAME
GH100684
Drawer hinge

UNIT: Piece

No.80



CODE NAME
LV429338
NSX100-250A
Operation mechanism and handle

UNIT: Set

No.85



CODE NAME
D1 NS100-250A
Operation handle

UNIT: Set

No.90



CODE NAME
D2X
NSX400-630A
Operation handle

UNIT: Piece

No.76



CODE NAME
ZQH1004202
Hinge C

UNIT: Piece

No.81



CODE NAME
LV432598
NSX400-630A
Operation mechanism and handle

UNIT: Set

No.86



CODE NAME
8 NS400-630A
Operation handle

UNIT: Set

No.91



CODE NAME
ZQH2000602
Connecting bracket (front left and rear right)

UNIT: Piece

No.77



CODE NAME
ZQH1004302
Upper/lower hinge

UNIT: Piece

No.82



CODE NAME
LV28052
NS80A
Operation mechanism and handle

UNIT: Set

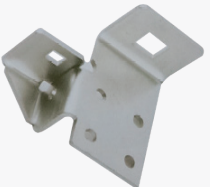
No.87



CODE NAME
BLK.206.005
Operation shaft

UNIT: Piece

No.92



CODE NAME
ZQH2000702
Connecting bracket (front left and rear right)

UNIT: Piece

Cabinet Accessories

No.93



CODE NAME

ZQH2022402

Door hook

UNIT: Piece

No.98



CODE NAME

GH100690

Drawer adapter module

UNIT: Piece

No.103



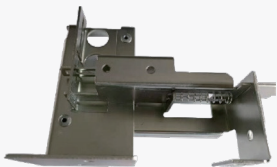
CODE NAME

ZQH2100302

Door lock bracket

UNIT: Piece

No.107



CODE NAME

GH100695

Drawer interlock mechanism

UNIT: Piece

No.94



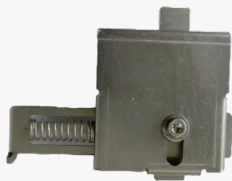
CODE NAME

ZQH2201302

Door lock bracket

UNIT: Set

No.99



CODE NAME

BLK.2XJ.253.070

Button mechanism

UNIT: Piece

No.104



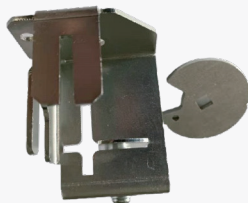
CODE NAME

GH100691

Drawer interlock mechanism

UNIT: Piece

No.108



CODE NAME

GH100696

Drawer interlock mechanism

UNIT: Piece

No.95



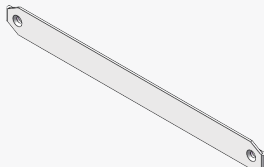
CODE NAME

88672

Hinge pin

UNIT: Piece

No.100



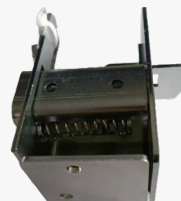
CODE NAME

AAV4169002

Guide rail (lower)

UNIT: Set

No.105



CODE NAME

GH100692

Drawer interlock mechanism

UNIT: Set

No.109



CODE NAME

GH100706

Secondary plug

UNIT: Piece

No.96



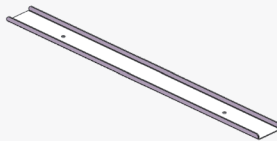
CODE NAME

88701

Drawer push button

UNIT: Piece

No.101



CODE NAME

AAV4169102

Guide rail (upper)

UNIT: Set

No.106



CODE NAME

GH100694

抽屉联锁机构

UNIT: Set

No.100



CODE NAME

GH100707

Secondary socket

UNIT: Piece

No.97



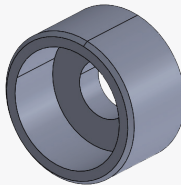
CODE NAME

GH100688

Insulating grille

UNIT: Piece

No.102



CODE NAME

BMW4041801

Round shaft

UNIT: Set

B CABINET

P CABINET ACCESSORIES

No.01



CODE NAME
4471206(NG201)
1 mounting pillar
UNIT: Piece

No.02



CODE NAME
4471002(NG202)
2 mounting pillars
UNIT: Piece

No.03



CODE NAME
4683679(NG203)
2 mounting pillar corner brackets
UNIT: Piece

No.04



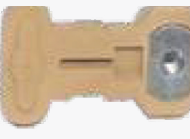
CODE NAME
4683678(NG204-1)
(NG204-1) small label
UNIT: Piece

No.05



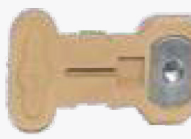
CODE NAME
4683678(NG204-2)
(NG204-2)small clip
UNIT: Piece

No.06

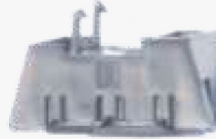


CODE NAME
4683678(NG205)
Threaded insert holder
UNIT: Set

No.07



CODE NAME
44710002(NG205)
Threaded insert
UNIT: Piece

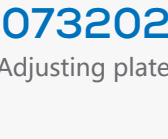


073201
Wiring duct bracket

No.08



CODE NAME
07320(NG206)
Wiring duct bracket
UNIT: Set



073202
Adjusting plate



073203
Screw

No.9



CODE NAME
4683863(NG207)
Corner bracket (bottom left)
UNIT: Piece



No.10



CODE NAME
4683864(NG208)
Corner bracket (top left)
UNIT: Piece

No.11



CODE NAME
4683865(NG209)
Corner bracket
UNIT: Piece

No.12



CODE NAME
4470450(NG210)
Hinge assembly
UNIT: Piece

No.13



CODE NAME
4470453(NG211)
Strike
UNIT: Piece

No.14



CODE NAME
4470445(NG212)
Door bolt holder
UNIT: Piece

No.15



CODE NAME
4683677(NG214)
Door bolt seat
UNIT: Piece

No.16



CODE NAME
4683676(NG215)
Center hinge
UNIT: Piece

No.17



CODE NAME
4470448(NG216)
Strike
UNIT: Piece

No.18



CODE NAME
4470449(NG217)
Strike
UNIT: Piece

No.19



CODE NAME
07025(NG220)
Busbar support
UNIT: Piece



Cabinet Accessories

No.20


07068(NG221)
母线夹

CODE NAME
070682(NG221-2)
Upper busbar clamp
070681(NG221-1)
Lower busbar clamp
UNIT: Piece

No.21



CODE NAME
08003-1(NP101-1)
Door corner bracket (right)
UNIT: Piece

No.22



CODE NAME
08003-2(NP101-2)
Door corner bracket (left)
UNIT: Piece

No.23



CODE NAME
4470008(NP102)
Corner Bracket (upper left)
UNIT: Piece

No.24



CODE NAME
4470009(NP103)
Corner Bracket (upper right)
UNIT: Piece

No.25



CODE NAME
4470011(NP104)
Corner bracket (bottom left)
UNIT: Piece

No.26



CODE NAME
4470011(NP105)
Corner bracket (bottom right)
UNIT: Piece

No.27



CODE NAME
4470084(NP106)
Door bolt seat
UNIT: Piece

No.28



CODE NAME
4470080(NP107)
Cover plate
UNIT: Piece

No.29



CODE NAME
4470097(NP108)
Cover plate
UNIT: Piece

No.30



CODE NAME
4470081(NP109)
Indicator plate
UNIT: Piece

No.31



CODE NAME
4470191(NP11)
Busbar support insulator
UNIT: Piece

No.32



CODE NAME
08023(NP112)
Rubber spacer
UNIT: Set

No.33



CODE NAME
4470079(NP113)
Spacer block
UNIT: Set

No.34



CODE NAME
4470221(NP114)
Large corner cover
UNIT: Piece

No.35



CODE NAME
4470222(NP115)
Small corner cover
UNIT: Piece

No.36



CODE NAME
4470443(NX110-6)
Square washer
UNIT: Piece

No.37



CODE NAME
4470452(NX110-7)
Bolt
UNIT: Piece

No.38



CODE NAME
468838(NX110)
Crescent-shaped door lock
含
44688381(NX110-1)
Crescent-shaped hand-pull lock
44688382(NX110-2)
Crescent-shaped hand-pull lock
4470446(NX110-3)
锁卡口
UNIT: Set

No.39



CODE NAME
4470447 (NX110-4)
Locking cam
UNIT: Piece

No.40



CODE NAME
4470444 (NX110-5)
Clip
UNIT: Piece

Q SERIES SWITCHGEAR



Q SERIES SWITCHGEAR



Outline

The Q switch was introduced from LK Denmark in the 1980s. Our company is a designated supplier of its components in China, primarily providing parts for the Q series switches formerly produced by Xiakong Factory.

Our HH15 (QSA) series switch-disconnector fuse combinations, HH15A (QA) and HH15P (QP) series switch-disconnectors, and double-throw changeover switches (domestic models) are identical to both similar domestic products and LK Denmark's QSA, QA, and QP models. They offer the same technical performance and are fully interchangeable.



Q SERIES SWITCHGEAR



USE

This switch is suitable for rated insulation voltage up to 1000V AC, rated frequency 50Hz, rated operating voltage up to 660V (690V) AC, and rated operating current up to 3150A. It is mainly used in industrial electrical installations with short-circuit currents as a power switch, emergency switch for distribution and motor circuits, and for circuit protection.

The switch features a front-face rotary operation, making it highly suitable for installation in various types of switchgear.

Condition

Ambient air temperature:

- A. Upper limit: not exceeding +40° C;
- B. Lower limit: not lower than -5° C;
- C. Average value within 24 hours: not exceeding +35° C.

Note: If the lower limit of the ambient air temperature is below -10° C or -25° C, the user must inform the manufacturer when placing an order.

Altitude:

The installation site shall be at an altitude not exceeding 2000m. For use at higher altitudes, consult the manufacturer.

Atmospheric conditions:

Atmospheric conditions:
Relative humidity ≤ 50% at +40° C. Higher humidity may occur at lower temperatures. Monthly average max humidity 90% in the wettest month (min. avg. temp +25° C), with condensation possible due to temperature changes.

Pollution level:

Pollution degree 3.

Installation category (overvoltage category):

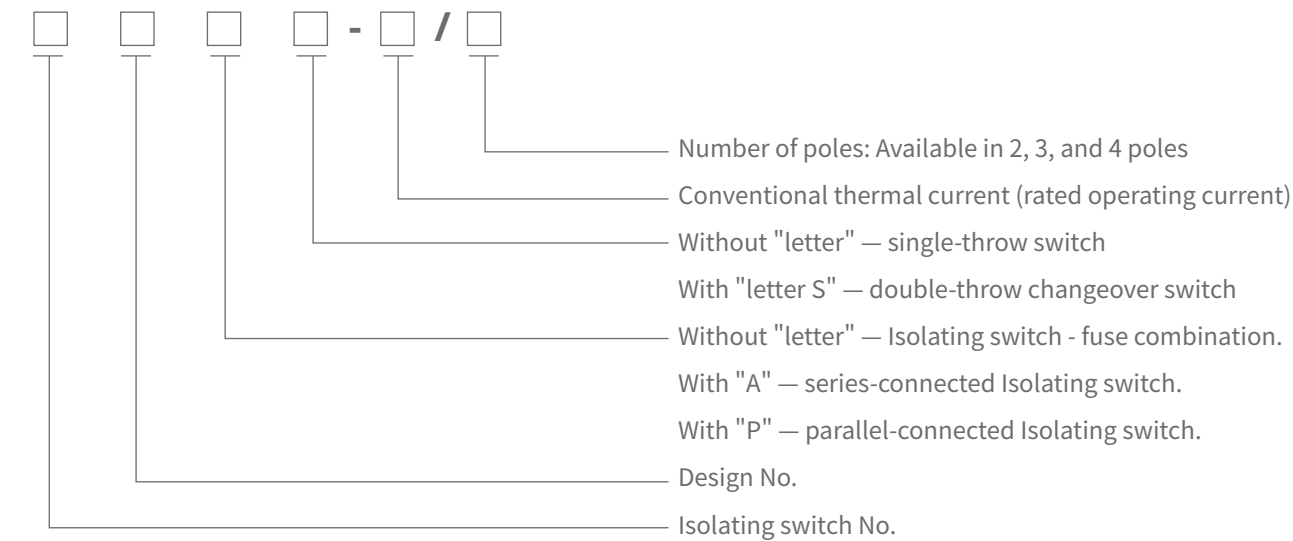
Category III (Ie ≤ 125A) / Category IV (Ie ≥ 160A)

Installation conditions:

The switch shall be installed vertically in a location free from significant vibration, shock, or impact.



Model Composition And Meaning



Structure Features

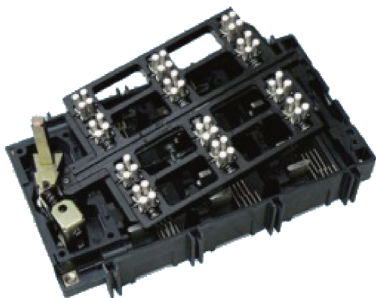
Arc extinguishing system

The switch has a fully enclosed housing with a compact design. The moving and fixed contacts and arc extinguishing system are all contained inside, achieving zero arc flash.



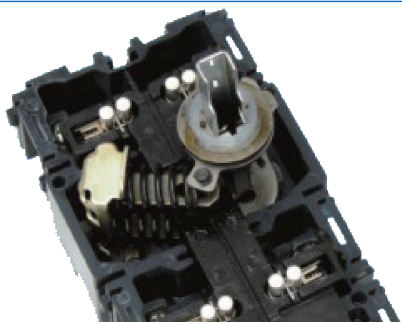
Contact system

The switch has a contact system consisting of a knife-type contact and rolling contacts. The moving contact consists of compression springs and four silver-plated copper rollers, which are positioned by a steel frame. Each roller can roll independently. Each phase of the switch has two sets of such double-break contact assemblies. In the contact system, the moving and fixed contacts move with both rolling and sliding motion, creating friction between them. On one hand, this cleans the contact surface to improve contact performance; on the other hand, when closing under fault conditions, if welding is about to occur, the friction increases and rolls away the incipient welding points, effectively preventing contact welding.



Operation independent of manual effort

The switch is equipped with a spring-charged operating mechanism. Using a linkage mechanism that passes over dead center, the opening and closing actions are completed by spring force. As a result, the switching speed is independent of manual effort, ensuring reliable and stable operation.

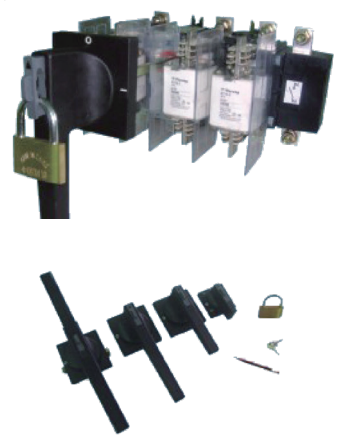


Q SERIES SWITCHGEAR



Operation mechanism

The switch is equipped with an advanced, multi-functional operating mechanism consisting of an operating handle and a drive shaft, among other components. The handle mechanism provides interlocking protection: when the switch is closed, the door of the assembly cannot be opened; conversely, when the door is open, the switch cannot be closed. The handle can be locked with a padlock in either the open or closed position. The mechanical coordination between the handle and the moving contacts ensures that the handle's open/closed indication matches the actual contact position. Drive shafts are available in various lengths to accommodate different installation depths.



Isolation distance

The switch fully ensures reliable isolation between the supply voltage and distribution equipment. Terminal spacing meets requirements, as does the distance between terminals and fuse holders. This dual safety feature is essential for fuse replacement and maintenance.



Auxiliary switch

The switch can be equipped with one or two auxiliary switches, each with one normally open and one normally closed contact.



Features

Short-circuit making

Each contact line carries only 1/4 of the current, reducing electrodynamic repulsion during closing to $(1/4)^2$, i.e., 1/16. After closing, current through the rollers creates a clamping force that increases with current, enabling the switch to withstand over 100kA (RMS) under extreme faults.

Interruption

The above effect is shown both during fault current flow and when the switch closes at high speed to make short-circuit current. The advanced contact system distributes interruption across four breaking points per phase, achieving ultimate breaking capacity (AC-23 at 660V). This reduces arcing time and contact heating, extending contact life.

Technical Data

HH15(QSA) Isolating Switch-Fuse Technical Data

Specification	63	125	160	250	400	630	800
Number of poles	3(3P),4(3P+N)						
Rated insulation voltage (V)	1000						
Rated working voltage (V)	AC 660(690) DC 220.440						
Rated thermal current (A)	63	125	160	250	400	630	800
Rated working current(Ie) Power: AC							
380V cosφ0.35 AC-23B A/kW	63/30	125/75	160/90	250/132	400/200	630/333	800/425
690V cosφ0.35 AC-23B A	63/55	125/110	160/150	250/220	400/375	630/560	800/710
Rated working current Ie(A) DC							
220VLR=15ms DC-23A	63	125	160	250	400	630	800
440VLR=15ms DC-23A	63	125	160	250	400	630	800
Rated making capacity AC-23B cos0.45 A	630	1250	1600	2500	4000	6300	8000
Rated breaking capacity AC-23Bcos0.35 A	504	1000	1280	2000	3200	5040	6400
Rated limiting	380V	100kA					
Short-circuit current	660V	50kA					
Maximum fuse current	160		250		400	630	800
Compatible fuse size	00		1		2	3	
Mechanical life (operating cycles)	15000		12000			3000	
Electrical life (operating cycles)	1000		300			200	
Operating torque (Nm)	7.5		16			30	
Neutral pole current (A)	63	125	160	250	400	400	
Neutral line current (A)	63	125	160	250	400	630	800
Auxiliary switch	380V AC-15A	4				6	
	220V DC-13 A	0.4				0.6	

Technical Data

HH15A(QA) Isolating Technical Data

Specification	125	160	200	400	630	1000	800
Number of poles	3(3P),4(3P+N)						
Rated insulation voltage (V)	1000						
Rated working voltage (V)	AC 660(690) DC 220.440						
Rated thermal current (A)	125	160	200	400	630	1000	800
Rated working current(Ie) Power: AC							
380V cosφ0.35 AC-23B A/kW	125/75	160/90	200/110	400/200	630/335	1000/500	800/425
690V cosφ0.35 AC-23B A	125	160/150	200	400	630	1000	800/710
Rated working current Ie(A) DC							
220VLR=15ms DC-23A	63	125	160	250	400	630	800
440VLR=15ms DC-23A	63	125	160	250	400	630	800
Rated making capacity AC-23B cos0.45 A	1250	1600	1600	4000	4000		8000
Rated breaking capacity AC-23Bcos0.35 A	1000	1280	1280	3200	3200		6400
Rated limiting	380V	100kA					
Short-circuit current	660V	50kA					
Maximum fuse current	20kA			50 kA		50kA	
Compatible fuse size	4kA			15kA		40kA	
Mechanical life (operating cycles)	15000			12000		3000	
Electrical life (operating cycles)	1000			300		150	
Operating torque (Nm)	7.5			16		30	
Neutral pole current (A)	125	160	200	400	400		400
Neutral line current (A)	125	160	200	400	400		1000
Auxiliary switch	380V AC-15A	4				6	
	220V DC-13 A	0.4				0.6	



Technical Data

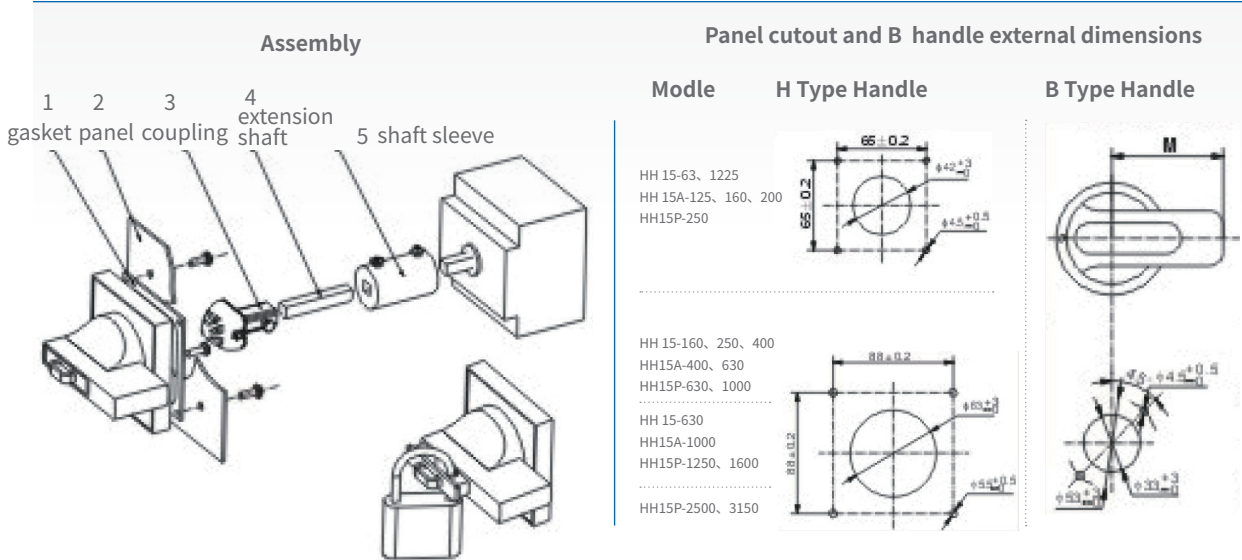
HH15P(QP) Isolating switch Technical Data

Specification		250	630	1000	1250	1600	2500	3150
Number of poles		3(3P)、43P+N)					2(2P)、3(3P)	
Rated insulation voltage (V)		1000						
Rated working voltage (V)		AC 660(690) DC 220.440						
Rated thermal current (A)		250	630	1000	1250	1600	2500	3150
Rated working current(Ie) Power: AC								
380V cosφ0.35 AC-21B A/kW		250	630	1000	1250	1600	2500	3150
380V cosφ0.65 AC-22B A		250	630	630	800	800	2500	3150
660V cosφ0.95 AC-21B		250	630	1000	1250	1470	2500	3150
Rated working current(A) DC								
220VLR=15ms DC-23A		250	630	1000	1250	1600	2500	3150
Rated making capacity AC-23B cos0.45 A		750	1890	3000	3750	4800	7500	9450
Rated breaking capacity AC-23Bcos0.35 A		750	1890	3000	3750	4800	7500	9450
Rated limiting	380V	100kA						
Short-circuit current	660V	50kA						
Rated short-circuit making capacity (peak)		39kA	60 kA		80kA		130kA	
Rated short-time withstand current 1s (RMS)		8kA	32kA		50kA		80kA	
Mechanical life (operating cycles)		15000	12000		3000		1000	
Electrical life (operating cycles)		1000	200		150		100	
Operating torque (Nm)		7.5	16		30			
Neutral pole current (A)		250	400	500				
Neutral line current (A)		250	400		1000			
Auxiliary switch	380V AC-15A	4					6	
	220V DC-13 A	0.4					0.6	

Installation and maintenance

- For switch external and mounting dimensions, refer to the diagram and table below.
- Install vertically. Align the square shaft with the door handle for proper closing.
- Handle operates only when square shaft is inserted. Before use, ensure handle and switch's indicators matched.
- The isolating switch-fuse group shall be equipped with fuse-links that comply with GB13539.1-2002 and GB/T13539-2002, and possess appropriate short-circuit breaking capacity and current-limiting capability. Refer to the table for selection.
- Disconnect load before replacing fuses.
- Inspect regularly. Clean dust and oil. Lubricate mechanism periodically for smooth operation and longer life.

Handle Installation and Panel Cutout Diagram



Switch and Matching Fuse Selection (applicable to HH15)

Switch enclosure size	1	2	3
Fuse tube model and dimensions	RT16、NT00	RT16、NT1	RT16、NT2
Fuse current rating	63、80、100、125、160	80、100、125、160、200、250	125、160、200、250、315、400

Note:The current value of fuse-link in electromotor loop can be bigger than switch rated value.

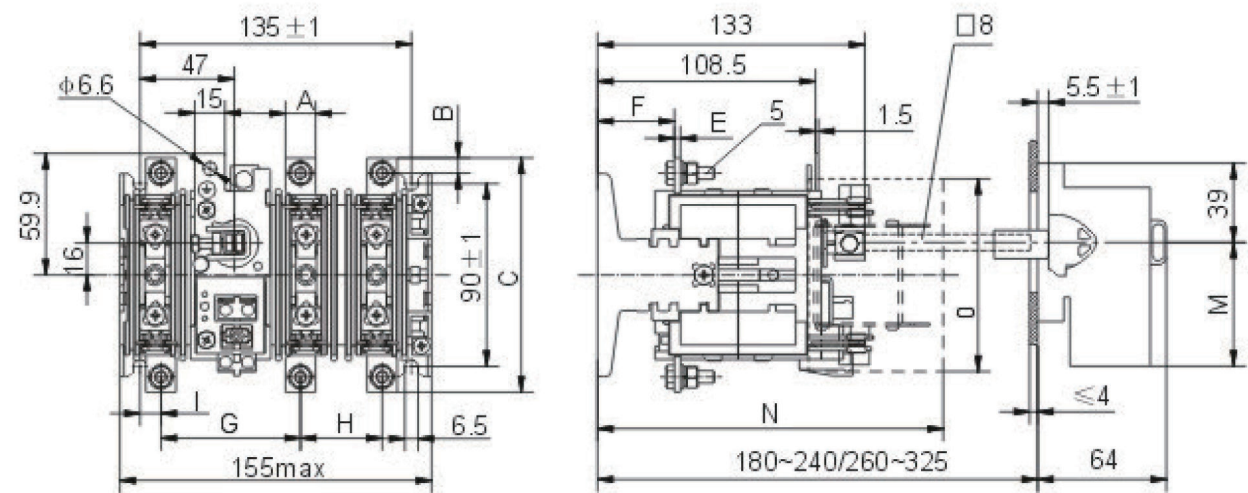


HH15-63、125/3 Isolating Switch&Fuse

HH15(QSA) Isolating Switch&fuse



Dimensions



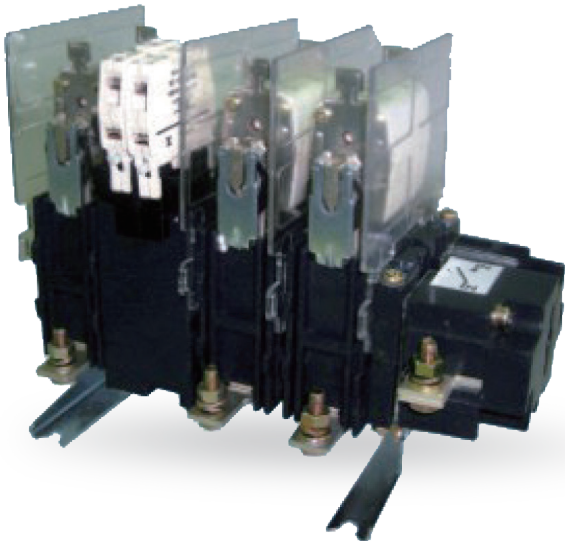
Primary Technical Parameters

Code Type	A	B	C	D	E	F	G	H	I	M	N	O	L
HH15-63/3	12	6	100	M5	2	39.5	72	38.5	9	62.5	172	95	180-240/ 260-325
HH15-125/3	15	7.5	116	M6	3	38.5	70	40.5	10	62.5	172	95	

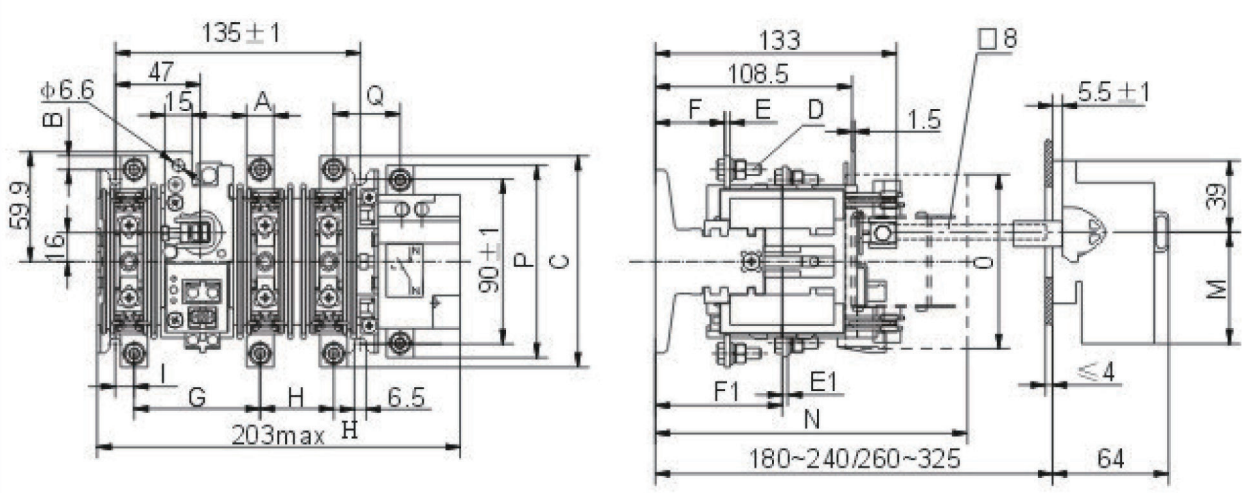
HH15-63、125/4 Isolating Switch&Fuse

HH15-63 125/3
SWITCH-DISCONNECTOR-FUSE

HH15(QSA) Isolating Switch&fuse



Dimensions

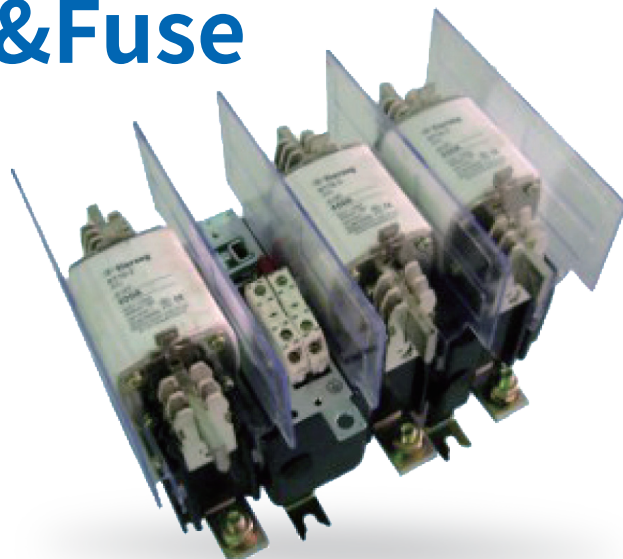


Primary Technical Parameters

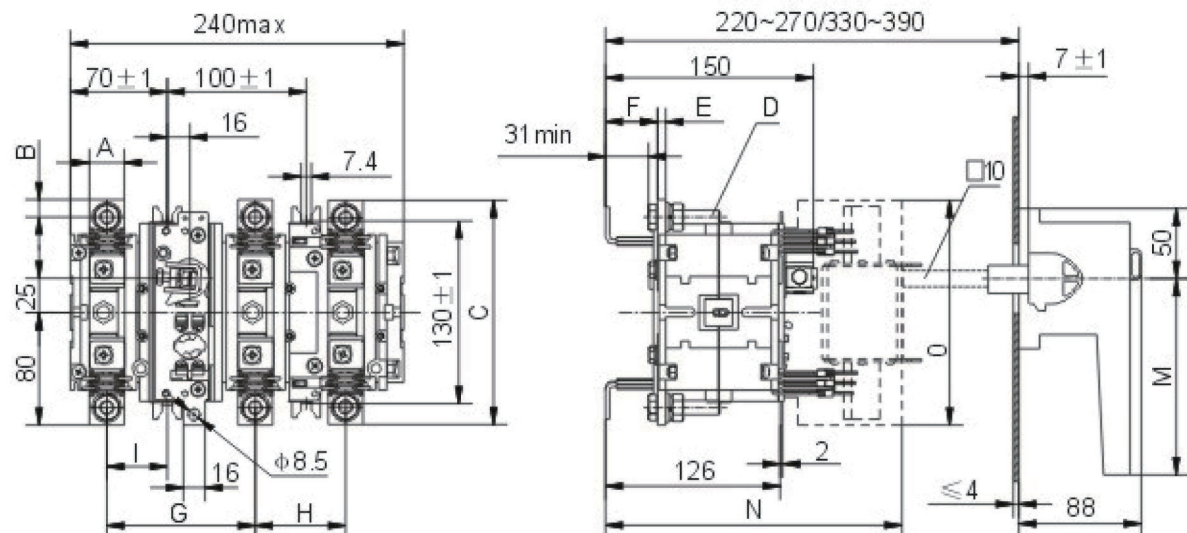
Code Type	A	B	C	D	E	F	G	H	I	M	N	O	E1	F1	Q	P	L
HH15-63/4	12	6	100	M5	2	39.5	72	38.5	9	62.5	172	95	2	63.5	36	99	180-240/ 260-325
HH15-125/4	15	7.5	116	M6	3	38.5	70	40.5	10	62.5	172	95	4.5	61	35	105	

HH15-160、250、400/3 Isolating Switch&Fuse

HH15(QSA) Isolating Switch&fuse



Dimensions

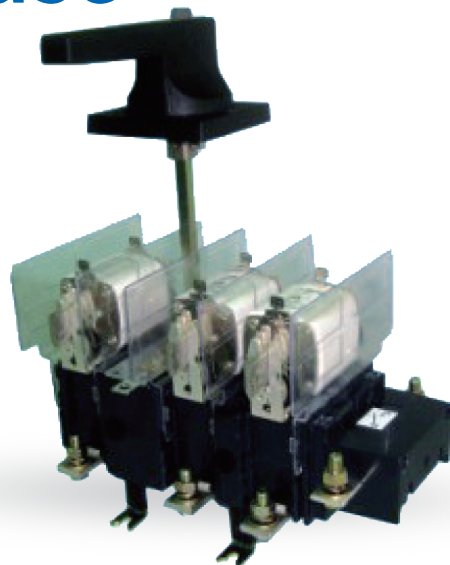


Primary Technical Parameters

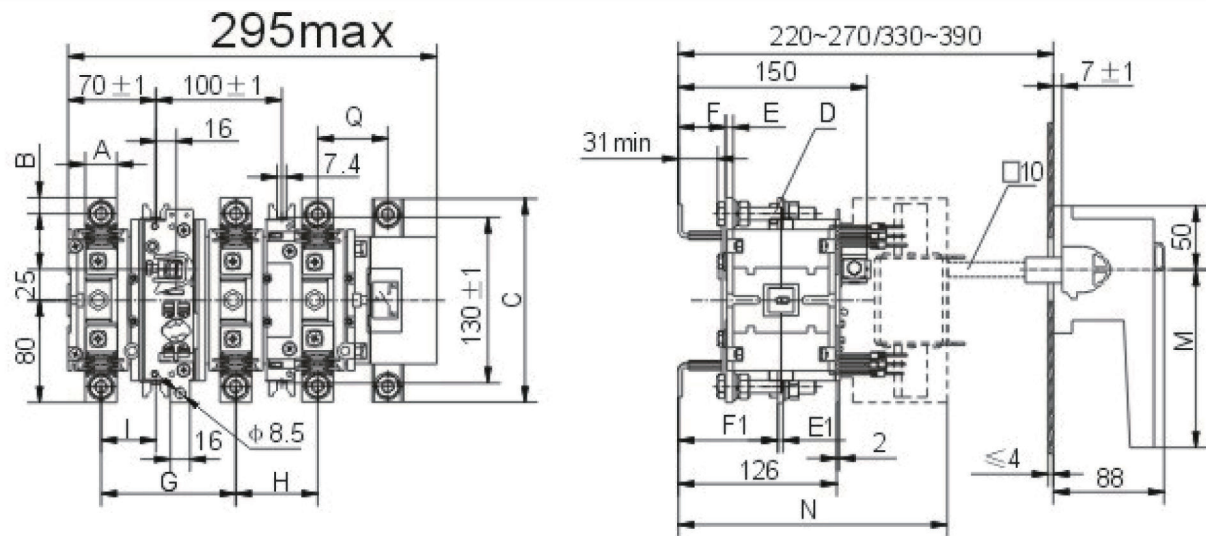
Code Type	A	B	C	D	E	F	G	H	I	M	N	O	L
HH15-1603	20	10	146	M8	4	44	107	65	46	140	194.5	120	220-270/ 330-390
HH15-250/3	25	12.5	160	M10	4	40	107	65	43.5	140	213.5	160	
HH15-4003	25	12.5	160	M10	6	38	107	65	43.5	140	2135	160	

HH15-160、250、400/4 Isolating Switch&Fuse

HH15(QSA) Isolating Switch&fuse



Dimensions

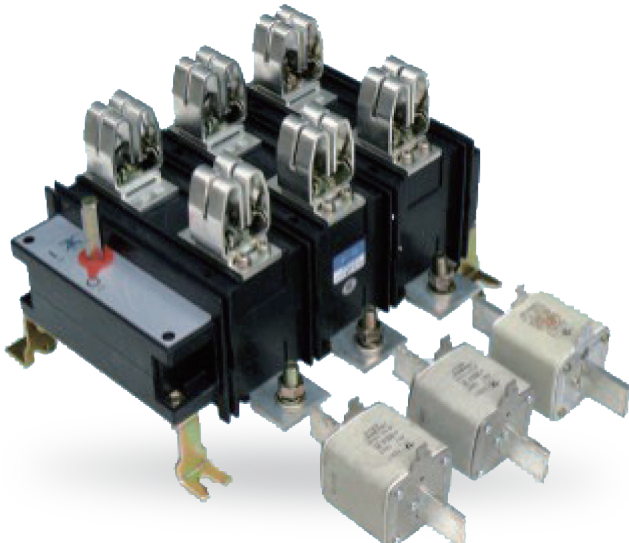


Primary Technical Parameters

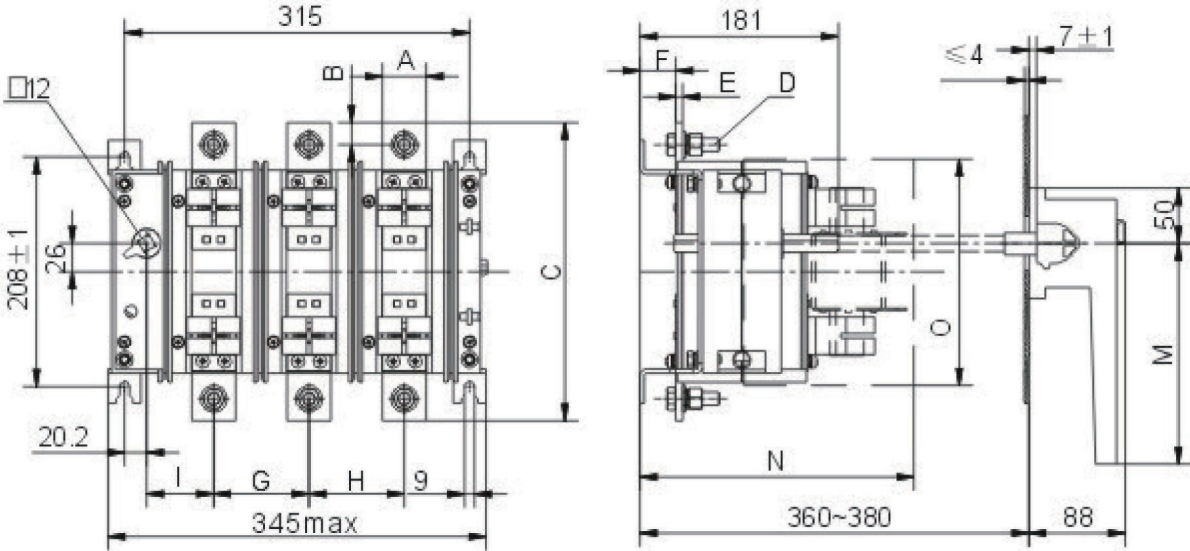
Code Type	A	B	C	D	E	F	G	H	I	M	N	E1	F1	Q	L
HH15-160/4	20	10	146	M8	4	44	107	65	46	140	94.5	4	79	58.5	220-270/ 330-390
HH15-250/4	25	12.5	160	M10	4	40	107	65	43.5	140	213.5	4	79	56	
HH15-400/4	25	12.5	160	M10	6	38	107	65	43.5	140	2135	4	79	56	

HH15-630、800/3 Isolating Switch&Fuse

HH15(QSA) Isolating Switch&fuse



Dimensions



Primary Technical Parameters

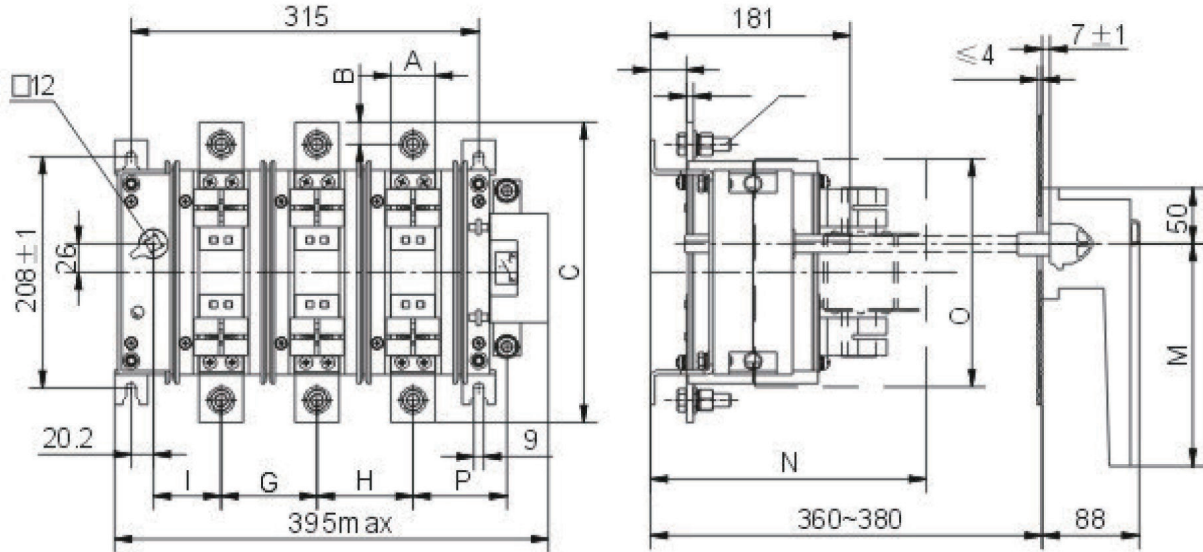
Code Type	A	B	C	D	E	F	G	H	I	M	N	O	L
HH15-63/3	40	20	270	M12	6	33	87	87	60	200	250	205	360-380
HH15-800/3	50	20	270	M12	6	33	87	87	60	200	250	205	

HH15-630、800/4 Isolating Switch&Fuse

HH15(QSA) Isolating Switch&fuse



Dimensions

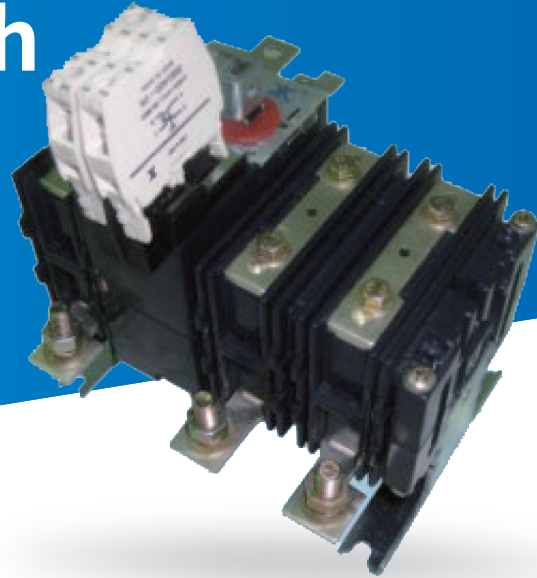


Primary Technical Parameters

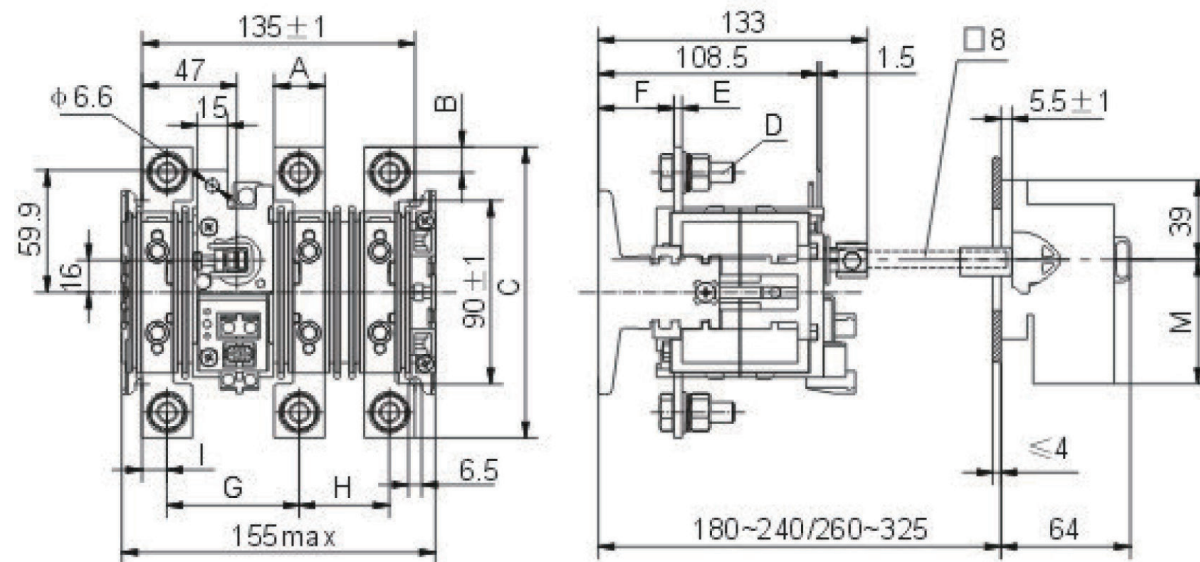
Code Type	A	B	C	D	E	F	G	H	I	M	N	O	Q	L
HH15-630/4	40	20	270	M12	6	33	87	87	60	200	250	205	85	180-240/ 260-325
HH15-800/4	50	20	270	M12	6	33	87	87	60	200	250	205	85	



HH15A-125、160、200/3 Isolating Switch



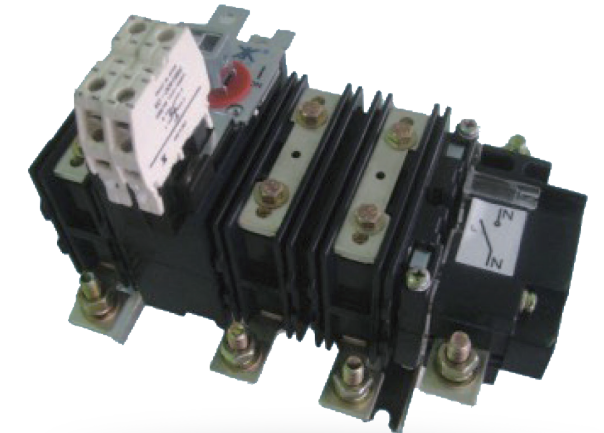
Dimensions



Primary Technical Parameters

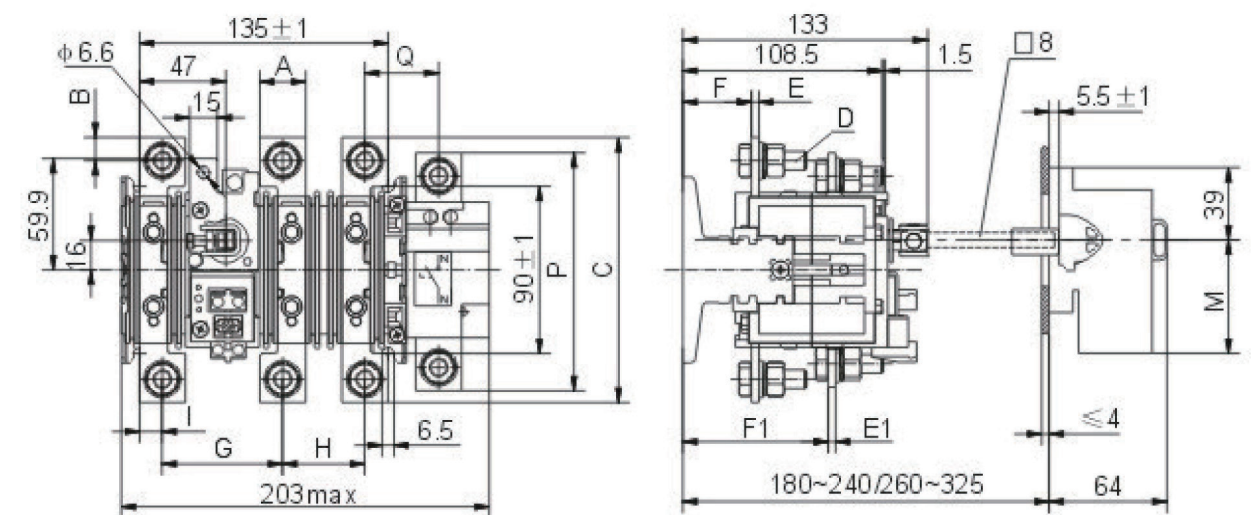
Code Type	A	B	C	D	E	F	G	H	I	M	L
HH15A-1253	15	7.5	116	M6	3	38.5	70	40.5	10	62	180-240/ 260-325
HH15A-1603	20	10	127	M8	3	38.5	65	45.5	13	62	
HH15A-2003	20	10	127	M8	3	38.5	65	45.5	13	62	

HH15A125、160、200/4 Isolating Switch



HH15P(QP) Isolating Switch

Dimensions



Primary Technical Parameters

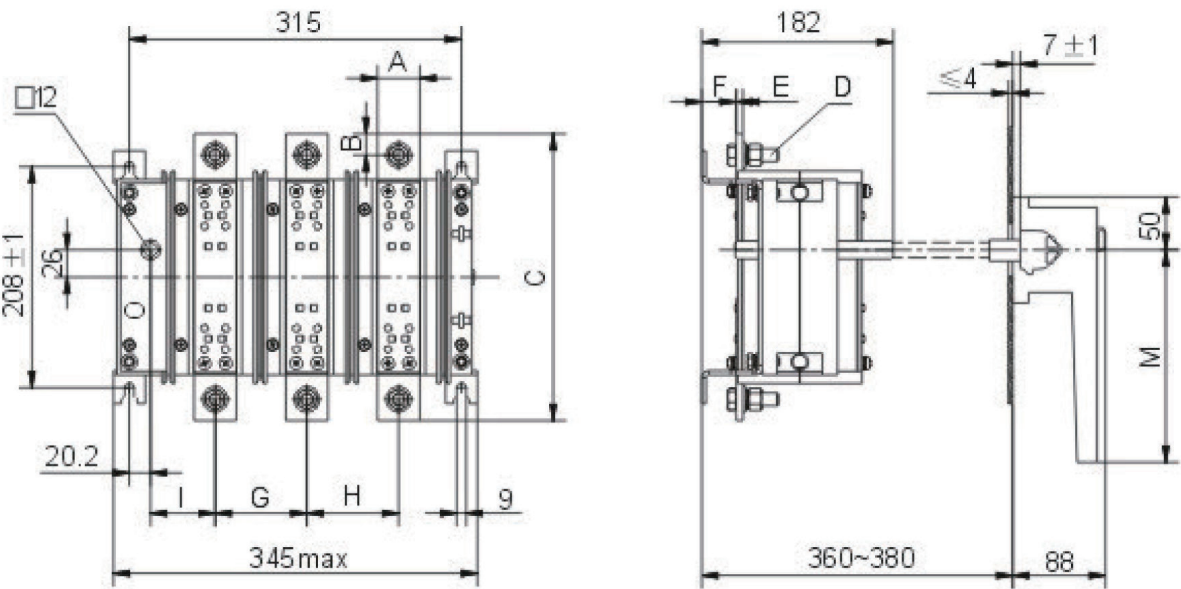
Code Type	A	B	C	D	E	F	G	H	I	M	N	E1	F1	Q	L
HH15A125/4	15	7.5	116	M6	3	38.5	70	40.5	10	62	45	61	105	35	180-240/ 260-325
HH15A160/4	20	10	127	M8	3	38.5	65	45.5	13	62	4.5	79	115	38.5	
HH15A200/4	20	10	127	M8	3	38.5	65	45.5	13	62	4.5	61	115	35	

HH15A-1000/3 Isolating Switch

HH15P(QP) Isolating Switch



Dimensions

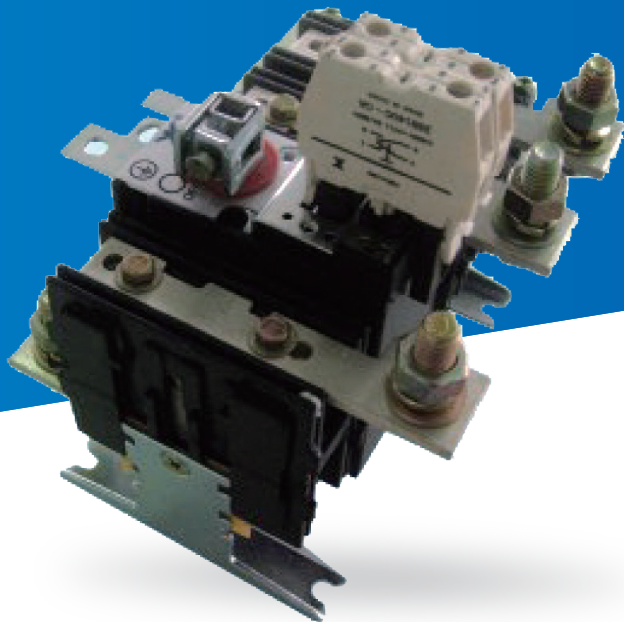


Primary Technical Parameters

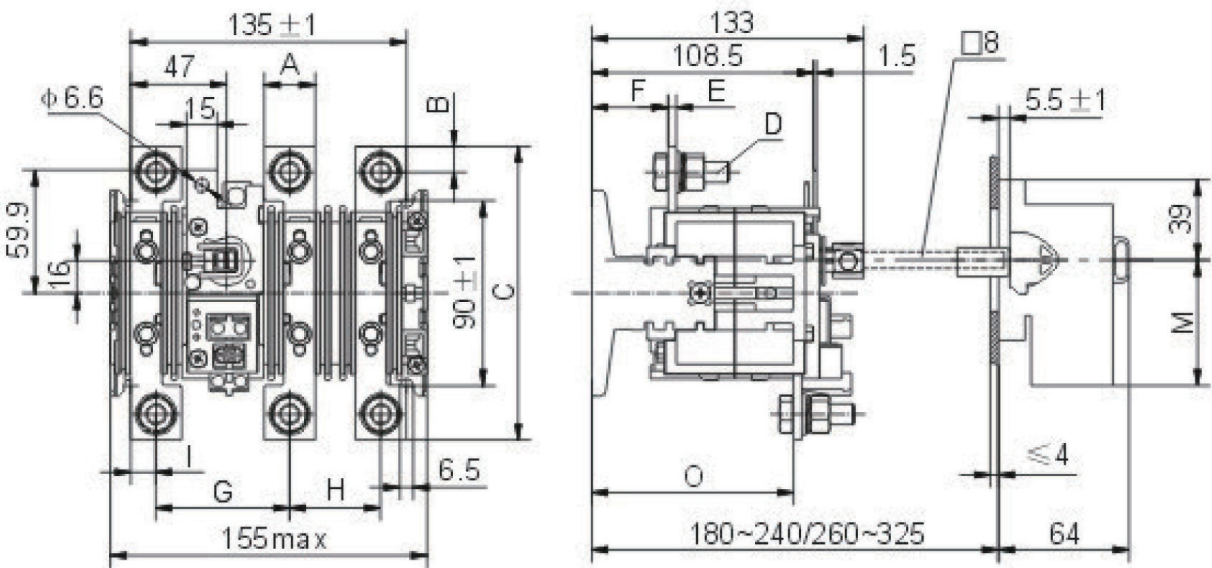
Code Type	A	B	C	D	E	F	G	H	I	M	L
HH15A1000/3	40	20	270	M12	6	33	87	87	60	200	360-380

HH15P-250/3 Isolating Switch

HH15P(QP) Isolating Switch



Dimensions



Primary Technical Parameters

Code Type	A	B	C	D	E	F	G	H	I	M	O	L
HH15P-250/3	25	12.5	143	M10	4	37.5	66	44.5	12.5	62.5	99	180-240/ 260-325

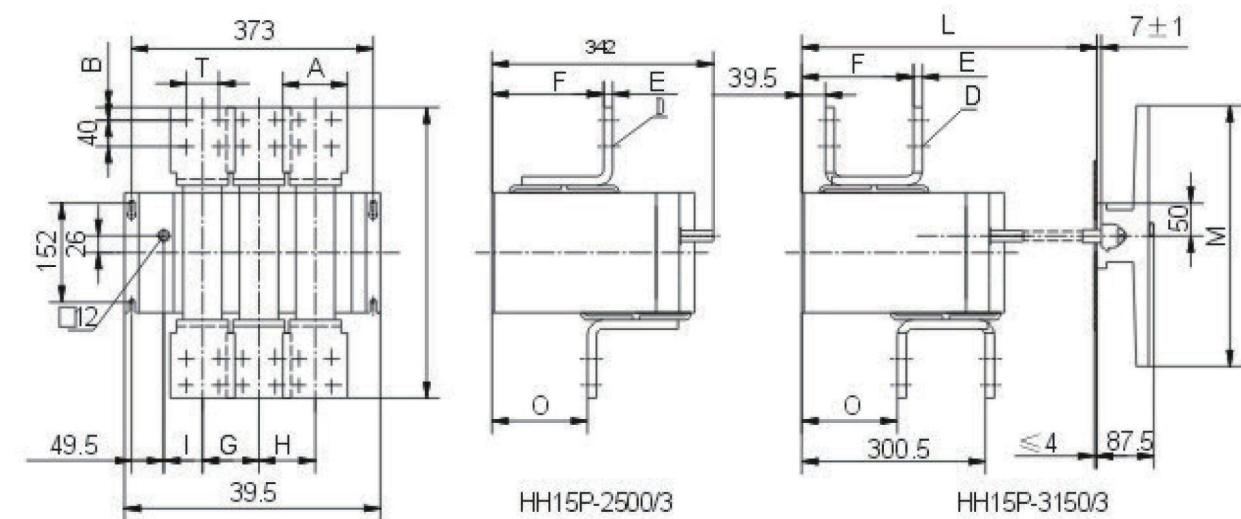


HH15A-1000/3 Isolating Switch

HH15P(QP) Isolating Switch



Dimensions

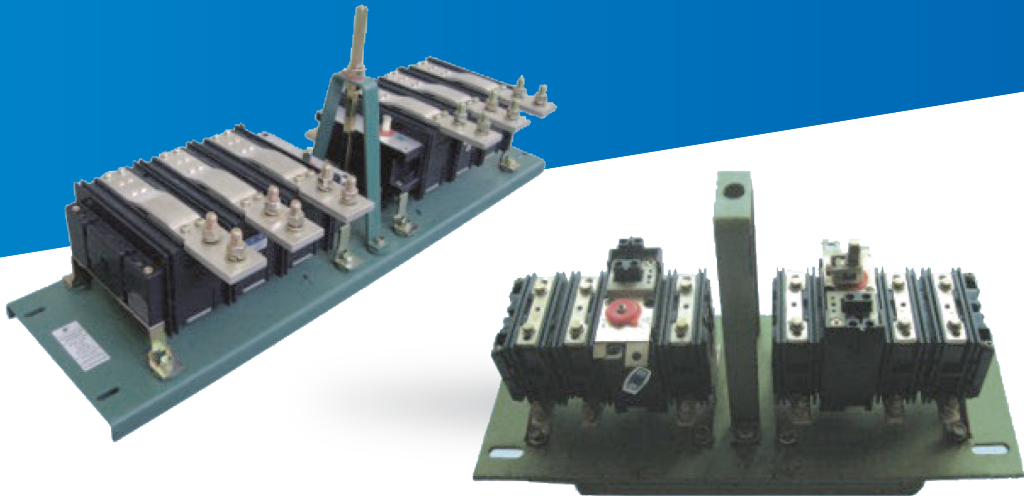


Primary Technical Parameters

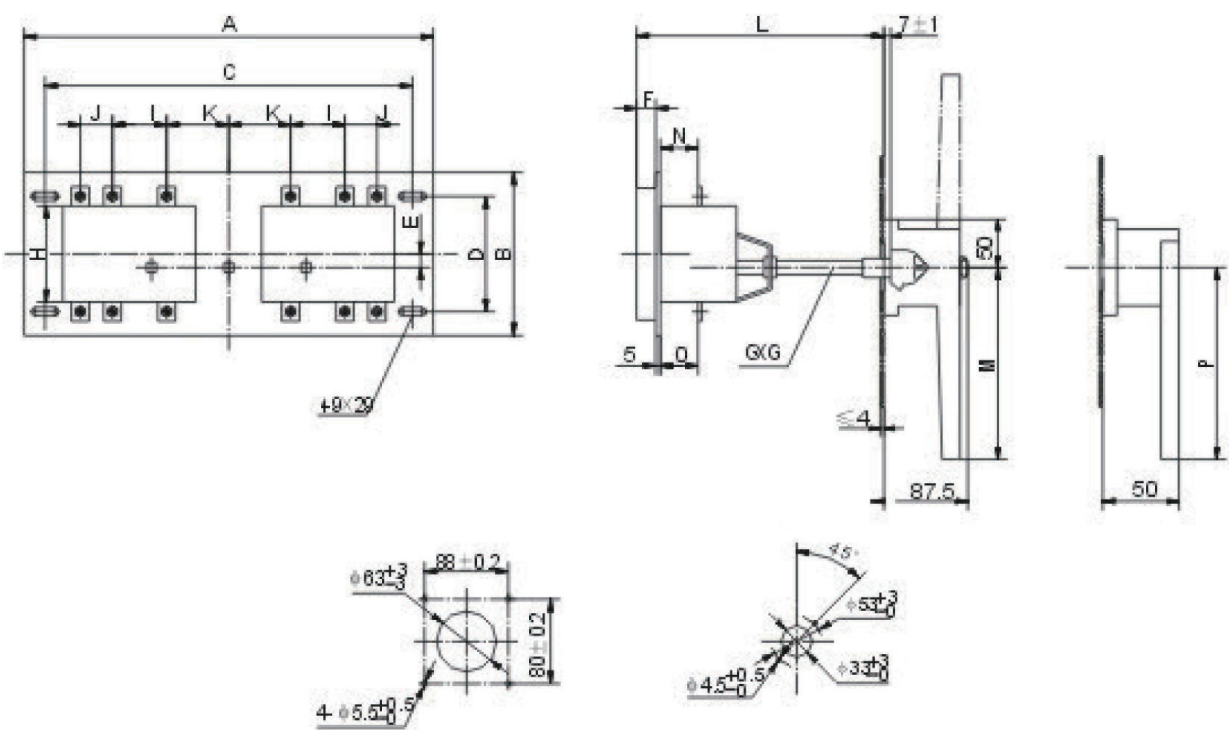
Code Type	A	B	C	D	E	F	G	H	I	M	O	T	L
HH15P-2500/3	80	20	446	4-M12	12.5	171.5	100	100	47	400	170	40	450-490
HH15P-3150/3	100	20	462	4-M12	14	172.5	87	87	60	400	167.5	50	



HH15S、HH15AS、HH15PS Changeover switch for double isolating switches mechanism



Dimensions



Primary Technical Parameters

Code Modle (2P/3P/4P)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
HH15S(QSS)-63	430	170	386	120	14	20	10	100	72	38.5	41.5	260	140	39.5	39.5	126
HH15S(QSS)-125 HH15AS(QAS)-125	430	170	386	120	14	20	10	116	70	40.5	42.5	260	140	38.5	38.5	126
HH15AS(QAS)-160 HH15AS(QAS)-200	430	170	386	120	14	20	10	127	65	45.5	45.5	260	140	38.5	38.5	126
HH15PS(QPS)-250	430	170	386	120	14	20	10	143	66	44.5	45	260	140	37.5	99	126
HH15S(QSS)-160	630	190	580	120	25	20	10	146	107	65	48	300	200	44	44	126
HH15S(QSS)-250 HH15AS(QAS)-400	630	190	580	120	25	20	10	160	107	65	50.5	300	200	40	40	126
HH15S(QSS)-400	630	190	580	120	25	20	10	160	107	65	50.5	300	200	38	38	126
HH15AS(QAS)-630	630	190	580	120	25	20	10	180	107	65	50.5	300	200	38	38	126
HH15PS(QPS)-630	630	190	580	120	25	20	10	70	107	65	50.5	300	200	39	119	126
HH15PS(QPS)-1000	630	190	580	120	25	20	10	218	117	80	43	300	200	32	125	126
HH15S(QSS)-630 HH15AS(QAS)-1000	950	265	906	180	28	23	12	270	87	87	147.5	370	200	33	33	180
HH15PS(QPS)-1250 HH15PS(QPS)-1600	950	265	906	180	28	23	12	350	87	87	147.5	370	200	29	147	180
HH15PS(QPS)-2500	950	265	906	180	28	23	12	446	100	100	134.5	450	400	171.5	170	
HH15PS(QPS)-3150	950	265	906	180	28	23	12	462	87	87	147.5	450	400	172.539.5	167.5300.5	

