



### Important Notice

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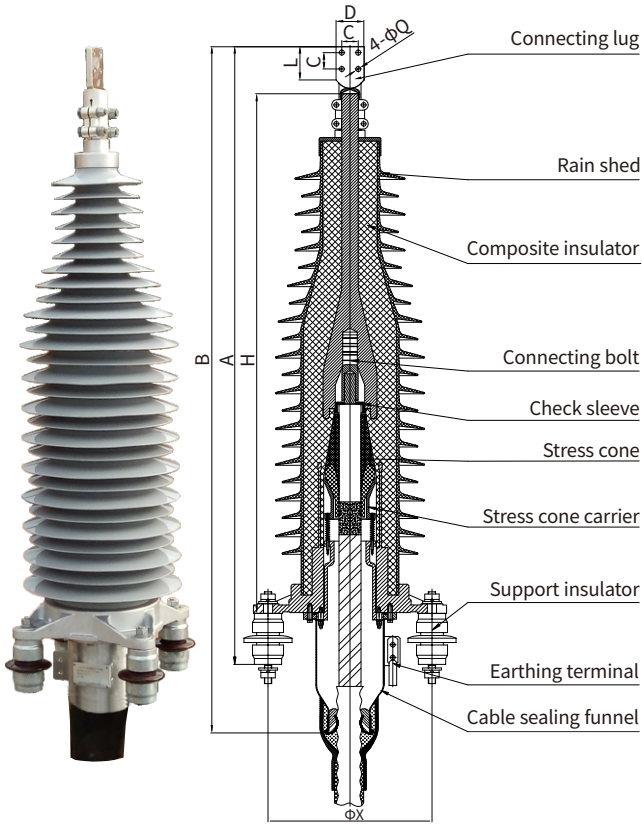
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2024 A1

## 72.5kV-550kV High Voltage Power Cable Accessories

STOCK CODE:002130

72.5kV-126kV Dry Plug-in Composite Termination



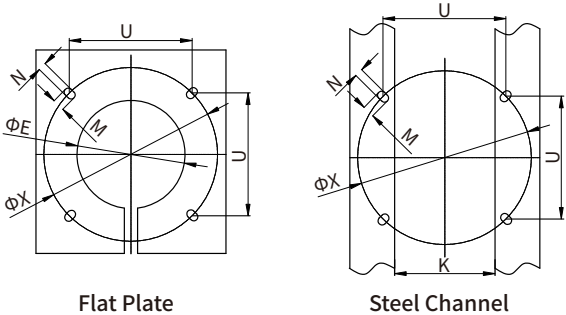
Type/Applications:

WYJZWFGC4:  
In accordance with outdoor pollution class IV requirements  
Max.system voltage: 72.5kV, applicable to 150 ~1200mm<sup>2</sup>  
Max.system voltage: 126kV, applicable to 240 ~1200mm<sup>2</sup>

Features:

1. Rain sheds made of silicone rubber, outstanding in properties of anti-pollution flashover, anti-UV, anti-ageing and anti-explosion;
2. 1/3 of cable connecting length compared with that of regular outdoor termination, significantly saving installation time.
3. Plug-in connection between termination and cables provides more convenient installation and maintenance.
4. Dry design eliminates risks of oil or gas leakage
5. Type tested according to IEC 60840, GB/T11017.

Base Plate Mounting Dimension



Cable Lug Palm Specification of Dry Plug-in Termination

Max.system Voltage	Cable nominal cross-section	Lug hole distance C (mm)	Connecting hole of lug Q (mm)	Palm width of cable lug D (mm)	Palm length of cable lug L (mm)
72.5kV	150 mm <sup>2</sup> -400mm <sup>2</sup>	35	14	63	80
	500 mm <sup>2</sup> -800mm <sup>2</sup>	45	14	80	100
	1000mm <sup>2</sup> -1600mm <sup>2</sup>	50	17	100	110
126kV	240mm <sup>2</sup> -400mm <sup>2</sup>	35	14	63	80
	500mm <sup>2</sup> -800mm <sup>2</sup>	45	14	80	100
	1000mm <sup>2</sup> -1600mm <sup>2</sup>	50	17	100	110

Base Plate Mounting Dimension

Max.system Voltage	N(mm)	M(mm)	E(mm)	K(mm)	U(mm)	X(mm)
72.5 kV-126 kV	21	30	280	270	318	450

Outline Dimension

Max.system Voltage	H(mm)	A(mm)	B(mm)
72.5 kV	1420	1715	1930
126 kV	1420	1715	1930

Notice When Ordering:

- 1.Cable configuration and the cross-sectional area of earth wire shall be submitted when ordering.
- 2.Feel free to contact our sales manager before ordering if you have any special requirements.

Cross Bonding Link Box

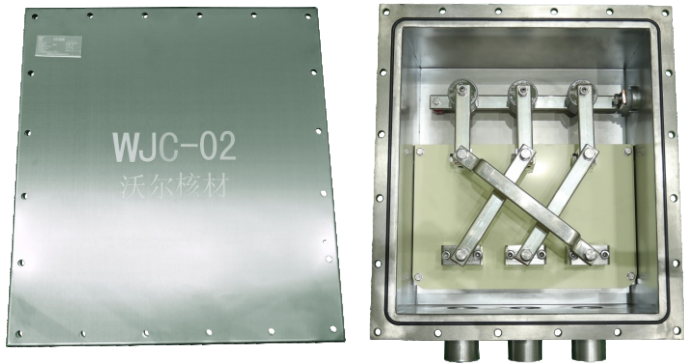
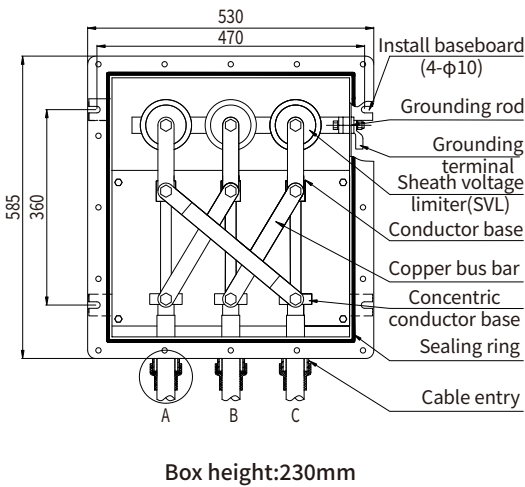
Product Introduction

Cross bonding link box is used for cross interconnection of high-voltage single-core cable metal sheath, limiting over voltage applied to cable sheath and both insulated part ends of shield-break joint, controlling induced voltage on metal sheath, reducing or eliminating ring current on cable sheath, increasing transmission capacity of power cable, avoiding oversheath breakdown, to ensure a safe operating for per cable. With stainless steel enclosure, link box could be filled by resin inside, at the mean time, link box is volume-small, weight-light, installation-easy and SVL removable.

Type/Applications:

Cross Bonding Link Box: WJC

Structure Diagram



Cross Bonding Link Box

Main Electrical Properties of Link Boxes

Test Item	Technical Requirements
DC voltage withstand test	Neither breakdown nor flashover shall occur at 20kV for 1 min
Impulse voltage test	Neither breakdown nor flashover shall occur at 10 positive and 10 negative impulse of 40kV (peak value)
Insulation resistance test between copper bar and housing	Not less than 20MΩ
Contact resistance test of copper bar	No more than 20μΩ

Main Electrical Properties of SVL

Test Item	BHQ-7/600	BHQ-10/600
DC 1mA reference voltage	4kV	5.8kV
Rectangular wave capacity	600A	600A
Residual voltage ratio	K≤2	K≤2
Current capacity	100kA	100kA
Rated voltage	2.8kV	4kV
Residual voltage of nominal discharge	≤7kV	≤10kV



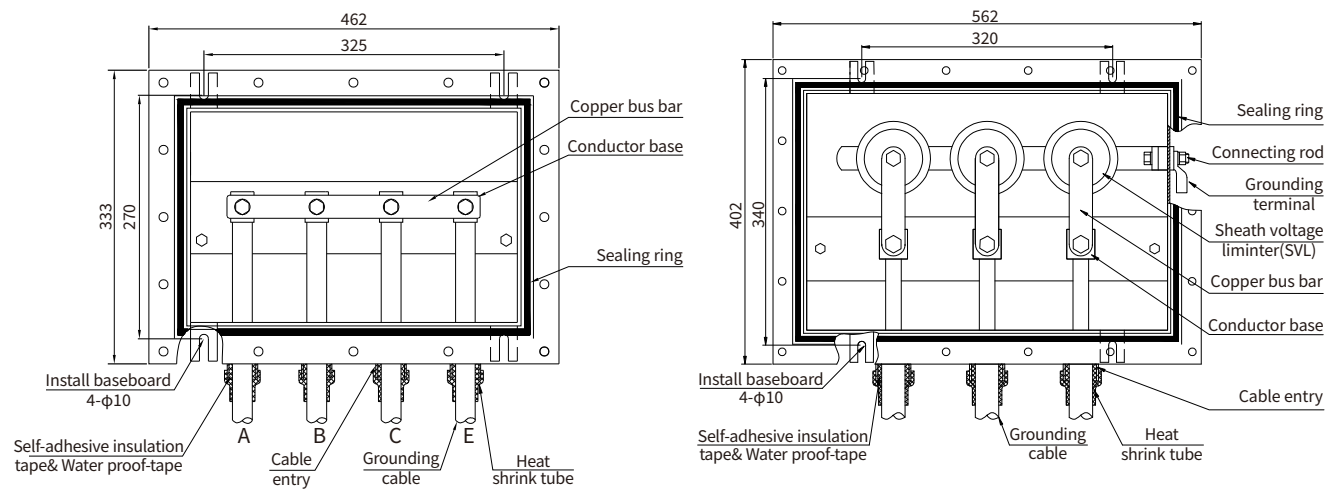
# Link Box/Link Box with SVL

## Type/Applications:

Type/Applications:  
Link Box: WJD  
Link Box with SVL: WHJD

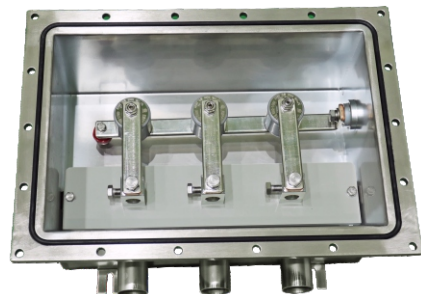
Link Box/Link Box with SVL is used for directly grounding or grounding protecting of high-voltage cable metal sheath. With stainless steel enclosure. Link Box/Link Box with SVL could be filled by resin inside, making it non-removable, fully sealed and theft-proof. At the mean time, Link Box/Link Box with SVL is volume-small, weight-light, installation-easy.

## Structure Diagram



Box height: 130mm

Box height: 200mm



Link Box

Link Box with SVL

# Projects Overseas

