

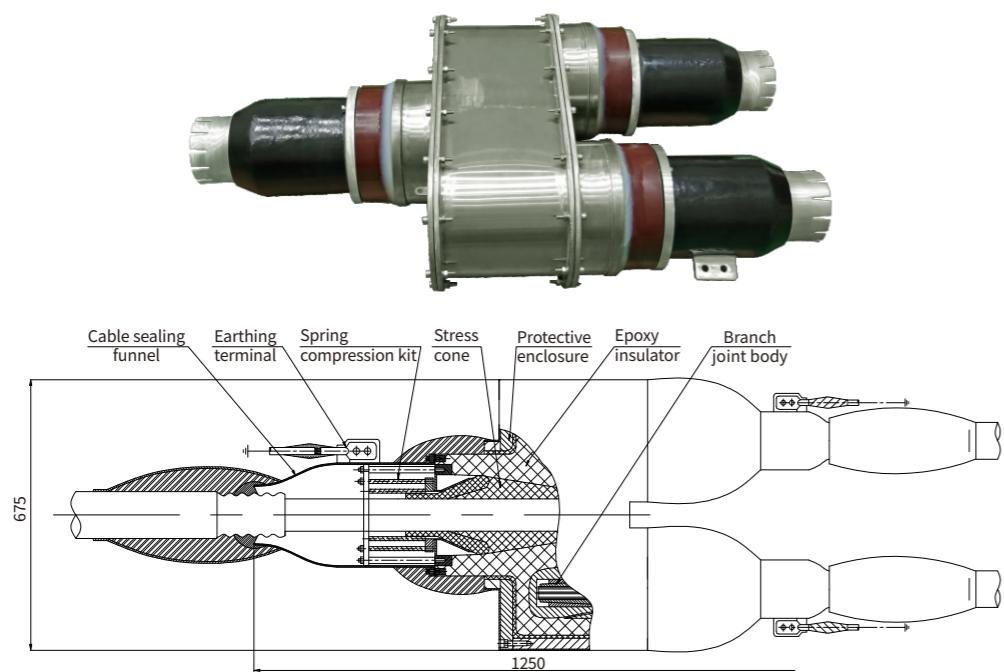
## 72.5kV-145kV Y-type Branch Joint

**Type/Applications:**

Branch joint: WYJJFG

Max. system voltage: 72.5kV, applicable to 150~1600mm<sup>2</sup>Max. system voltage: 126kV, applicable to 240~1600mm<sup>2</sup>Max. system voltage: 145kV, applicable to 240~1600mm<sup>2</sup>**Features:**

1. Branch joint body is vacuum injection molded by thermosetting resin or insulated rubber, of which wholly dry construction prevents potential oil-leakage.
2. One-piece design and outer metal enclosure provides such properties as water-proofing, damp resistance and mechanical stress resistance to maintain branch joints' operation under various conditions.
3. Compact structure and small volume save its installation space. Installation available in cable well, cable duct or direct bury.
4. Wholly prefabricated in factory. No filler and insulated gas is required. Simply insert the prepared cable into the joint body while no maintenance is required during operation.
5. Type tested according to IEC 60840, GB/T11017.

**Structure Diagram****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.

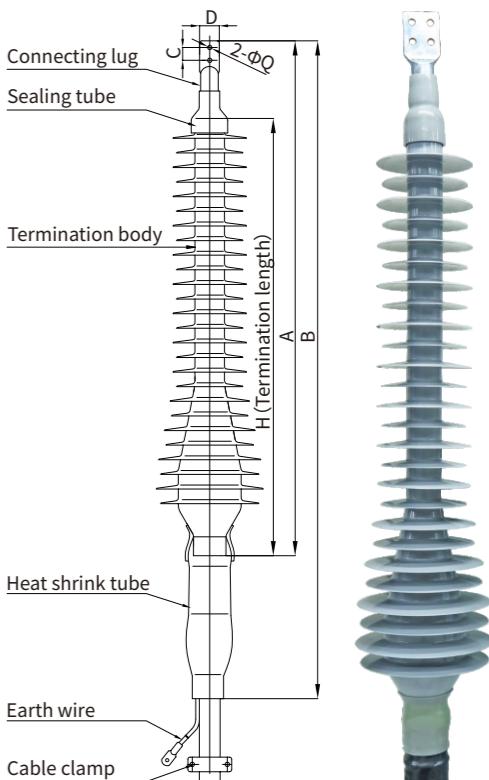
## 72.5kV-145kV One-piece Outdoor Termination

**Type/Applications:**

WYJZWG4: Meet with requirements of pollution class IV

Max. system voltage: 72.5kV, applicable to 120~1600mm<sup>2</sup>Max. system voltage: 126kV, applicable to 240~1600mm<sup>2</sup>Max. system voltage: 145kV, applicable to 240~1600mm<sup>2</sup>**Features:**

1. Seamless manufacturing process greatly improves mechanical and electrical properties of termination surface.
2. Good weather resistant, anti-tracking, arc-erosion resistant, hydrophobic and pollution flashover prevention properties, which ensures safe and long-term operation even under severe and highly polluted environments.
3. One-piece outdoor termination, only 1/8~1/10 of the weight of porcelain type termination at equivalent voltage level, catering for more convenient installation.
4. Good anti-explosion property prevents casualty resulted from explosion.
5. Dry design, free of oil or gas leakage.
6. Flexible installation renders either inclined or inverted mounting.
7. Type tested according to IEC 60840, GB/T11017.

**Cable Lug Palm Specification of One-piece Outdoor Termination**

Cable nominal cross-section	D(mm)	C(mm)	ΦQ(mm)	Hole Nos.
120 mm <sup>2</sup>	50	35	13	2
150 mm <sup>2</sup>	50	35	13	2
185 mm <sup>2</sup>	50	35	13	2
240 mm <sup>2</sup>	50	35	13	2
300 mm <sup>2</sup>	60	35	13	2
400 mm <sup>2</sup>	60	35	13	2
500 mm <sup>2</sup>	80	45	13	4
630 mm <sup>2</sup>	80	45	13	4
800 mm <sup>2</sup>	90	45	17	4
1000 mm <sup>2</sup>	100	50	17	4
1200 mm <sup>2</sup>	100	50	17	4
1400 mm <sup>2</sup>	100	50	17	4
1600 mm <sup>2</sup>	100	50	17	4

**Termination Outline Dimension**

Max. system Voltage	Type	H(mm)	A(mm)	B(mm)	Creepage distance (mm)
72.5 kV	WYJZWG4	1050	1400	1800~2100	≥3000
126 kV	WYJZWG4	1510	1800	2200~2500	≥4500
145 kV	WYJZWG4	1510	1800	2200~2500	≥4500

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