

72.5kV-145kV Y-type Branch Joint



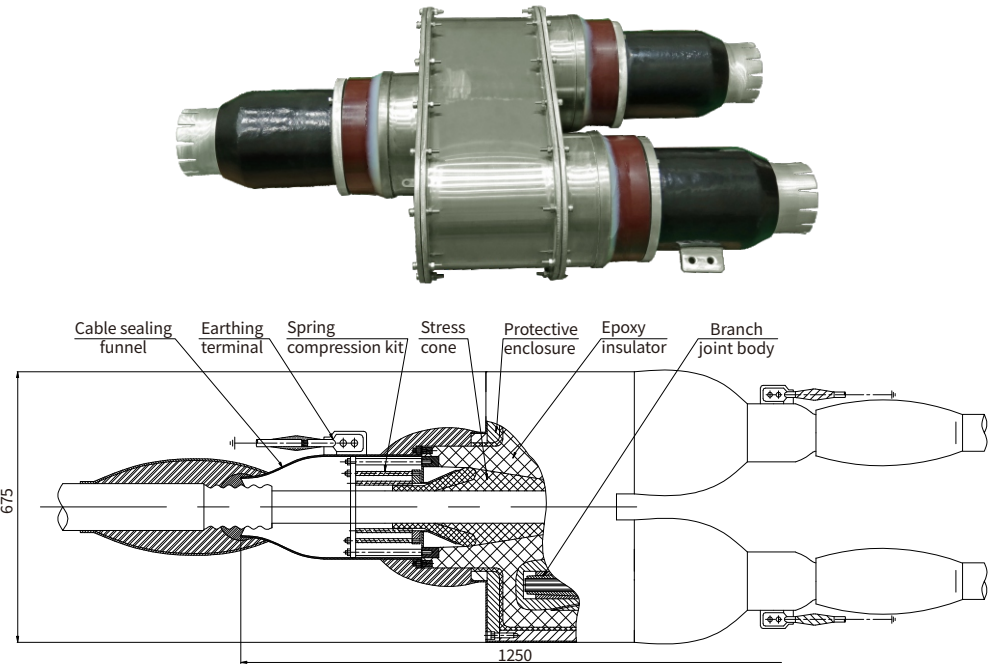
Type/Applications:

Branch joint: WYJJFG
Max.system voltage: 72.5kV, applicable to 150~1600mm²
Max.system voltage: 126kV, applicable to 240 ~1600mm²
Max.system voltage: 145kV, applicable to 240 ~1600mm²

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 ~ 1600mm²
Max. system voltage: 126kV, applicable to 240 ~ 1600mm²
Max. system voltage: 145kV, applicable to 240 ~ 1600mm²

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 ²	50	35	13	2
150 mm ²	50	35	13	2
185 mm ²	50	35	13	2
240 mm ²	50	35	13	2
300 mm ²	60	35	13	2
400 mm ²	60	35	13	2
500 mm ²	80	45	13	4
630 mm ²	80	45	13	4
800 mm ²	90	45	17	4
1000 mm ²	100	50	17	4
1200 mm ²	100	50	17	4
1400 mm ²	100	50	17	4
1600 mm ²	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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