

250A Plug-in Type Straight Connector WEZC 24/250

Design

1. Special Lug

To connect the cable conductor and apparatus bushing

2. Insulation

Moulded insulated EPDM rubber to ensure excellent electrical properties

3. Internal Screen

Moulded conductive EPDM rubber to control electrical stress

4. External Screen

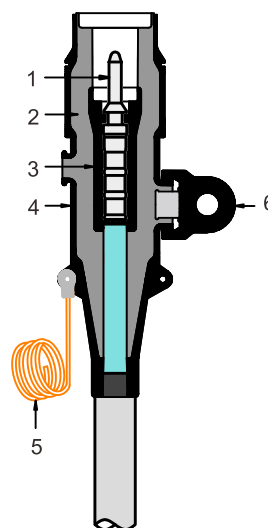
Moulded conductive EPDM rubber to ensure the connector touchable

5. Earthing Wire

To earth the external screen for the connector

6. Voltage test point

Provide means to check circuit status



Up to 24kV
6/10(12) kV
6.35/11(12) kV
8.7/15(17.5) kV
12/20(24) kV
12.7/22(24) kV

Technical Data

Voltage Class	12kV	17.5kV	24kV
Continuous Current	250A	250A	250A
AC Withstand Voltage	28.5kV for 5min	39kV for 5min	54kV for 5min
Partial Discharge	11kV, ≤10pC	15kV, ≤10pC	20kV, ≤10pC
Impulse Withstand Voltage (10 times for each polarity)	95kV	95kV	125kV
Screen Resistance	≤5000Ω	≤5000Ω	≤5000Ω

Ordering instruction

The ordering formula as followed:

	1	2	3	4
WEZC				

Step 1

Choose the system voltage and current: 24/250

Step 2

Select the range from Table D that fits the diameter over cable insulation

Step 3

Select the conductor code from Table C for the conductor size and type

Step 4

Select the package. 1: 1pc/kit; 3: 3pcs/kit.

Ordering example:

The cable is 24kV, 3-core 95mm² copper conductor with cable insulation diameter of 22mm. Order **WEZC 24/250C05C3**.

Note:

Sealing or solderless grounding kits shall be ordered separately. Please add "-X" for cable with copper wire shield without armour, like WEZC 24/250C05C3-X.

Feel free to contact us for detailed information.

Table D

Diameter over cable insulation

Insulation Range Code	Diameter over cable insulation φ(mm)	
	Min.	Max.
A	16	18
B	17	21
C	20	24
D	23.5	27

Table C

Conductor Code

Conductor Cross-section (mm ²)	Copper Lug (Hexagonal compression)	Bimetallic Lug (Hexagonal compression)
25	01C	01B
35	02C	02B
50	03C	03B
70	04C	04B
95	05C	05B
120	06C	06B