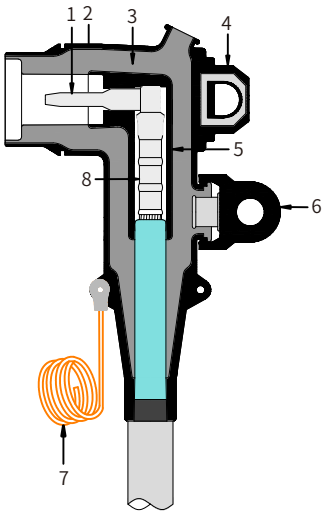
WEZT 24/250
250A Plug-in Type Elbow Connector

Design

1. Probe
Tinned copper probe to thread into the conductor lug with the supplied tool
2. External Screen
Moulded conductive EPDM rubber to ensure the connector touchable
3. Insulation
Moulded insulated EPDM rubber to ensure excellent electrical properties
4. Pulling eye
Provide a detent to position the stainless bail assembly
5. Internal Screen
Moulded conductive EPDM rubber to control electrical stress
6. Voltage test point
Provide means to check circuit status
7. Earthing Wire
To earth the external screen for the connector
8. Conductor Lug
To connect the cable conductor and probe



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
WEZT				

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 95mm^2 copper conductor with cable insulation diameter of 22mm. Order WEZT 24/250C05C3.

Note:
Sealing or solderless grounding kits shall be ordered separately.
Please add "-X" for cable with copper wire shield without armour, like WEZT 24/250C05C3-X.
Feel free to contact us for detailed information.

Table D

Diameter over cable insulation

Insulation Range Code	Diameter over cable insulationϕ(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