

15kV 200A Deadbreak Series

WEZT 15/250

Deadbreak Elbow Connector

Features

- Manufactured from EPDM rubber, providing a fully screened separable connection when mated with proper bushing or plug
- Built-in capacitive test point allows an easy check of the circuit status
- Equipt with a fault indicator
- 100% factory tested
- Tested in compliance with IEC60502.4
- In complying with IEEE 386, Figure 4

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

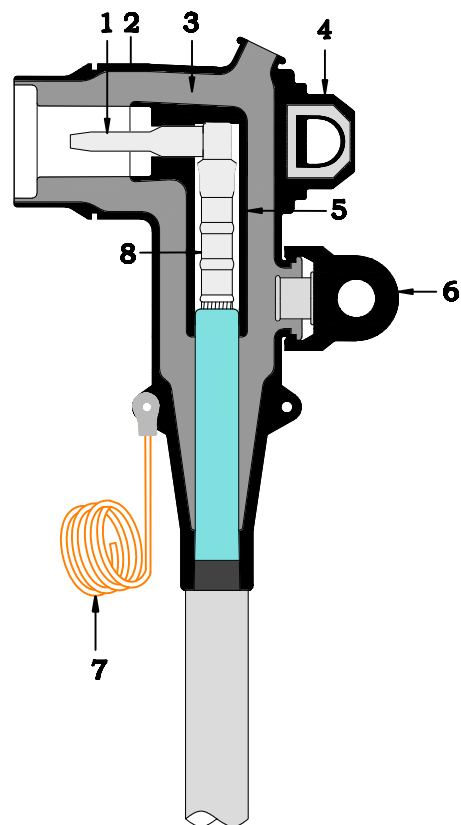
Provide means to check circuit status

7. Earthing Wire

To earth the external screen for the connector

8. Conductor Lug

To connector the cable conductor and probe



Technical Data

Voltage Class	12kV	17.5kV
Continuous Current	250A	250A
AC Withstand Voltage	28.5kV for 5min	39kV for 5min
Partial Discharge	11kV, $\leq 10\text{pC}$	15kV, $\leq 10\text{pC}$
Impulse Withstand Voltage (10 times for each polarity)	95kV	95kV
Screen Resistance	$\leq 5000\Omega$	$\leq 5000\Omega$

Ordering instruction

The ordering formula as followed:

	1	2	3	4
WEZT				

Step 1

Choose the system voltage and current: 15/250.

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.

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

Ordering example:

The cable is 15kV, 3*95mm² copper conductor with core insulation diameter of 20mm. Order **WEZT 15/250B05C3**.

Note:

Sealing or solderless grounding kits shall be ordered separately.

Please add "-X" for cable with copper wire shield without armour, like WEZT 15/250B05C3-X.

Feel free to contact us for detailed information.