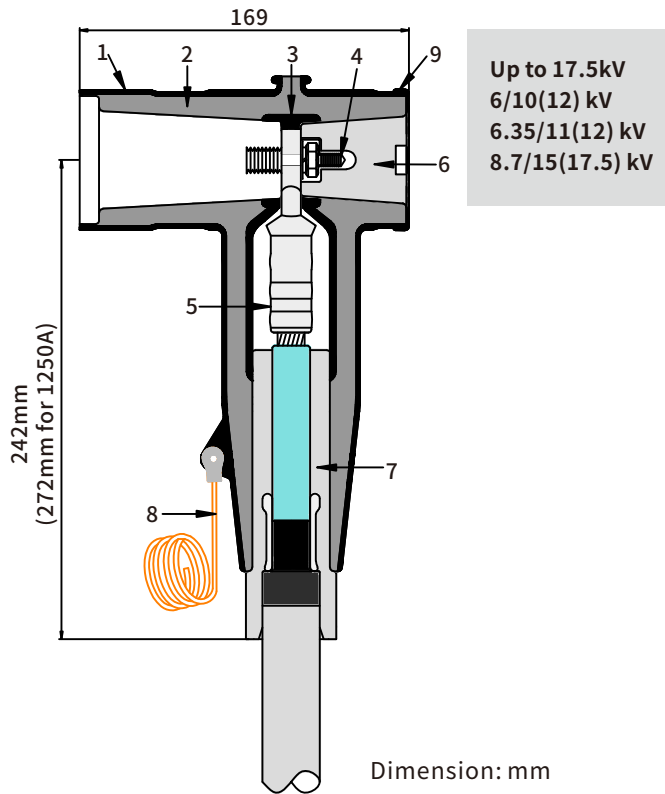


## WEBIII 15/630 Bolted-type Tee Connector

### Design

1. External Screen  
Moulded EPDM conductive rubber to ensure the connector touchable
2. Insulation  
Moulded EPDM insulating rubber to ensure excellent electrical properties
3. Internal Screen  
Moulded EPDM conductive rubber to control electrical stress
4. Two-headed Screw  
To secure the conductor lug onto the bushing
5. Conductor Lug  
To connect the cable conductor and bushing
6. Insulated Plug  
Moulded epoxy plug having a metal insert to thread to accept the two-headed screw
7. Cable Adapter  
To provide initial stress relief and watertight seal
8. Earthing Wire  
To earth the external screen for the connector
9. End Cap  
Moulded EPDM conductive rubber to protect against dust



### Technical Data

| Voltage Class  | 12kV            |        | 17.5kV        |        |
|--|-----------------|--------|---------------|--------|
|  | 630A            | 1250A* | 630A          | 1250A* |
| Continuous Current                                     | 630A            | 1250A* | 630A          | 1250A* |
| AC Withstand Voltage                                   | 28.5kV for 5min |        | 39kV for 5min |        |
| Partial Discharge                                      | 11kV, ≤10pC     |        | 15kV, ≤10pC   |        |
| Impulse Withstand Voltage (10 times for each polarity) | 95kV            |        | 95kV          |        |
| Screen Resistance                                      | ≤5000Ω          |        | ≤5000Ω        |        |

Note: \* refer to the condition when installed on an appropriate equipment bushing.

## Ordering instruction

The ordering formula as followed:

|        |   |   |   |   |
|--------|---|---|---|---|
|        | 1 | 2 | 3 | 4 |
| WEBIII |   |   |   |   |

### Step 1

Choose the system voltage and current: 15/630

### 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 RangeCode | Diameter over cable insulation $\phi$ (mm) |      |
|----------------------|--|------|
|                      | Min.                                       | Max. |
| A                    | 14   | 16   |
| B                    | 16   | 18   |
| C                    | 17   | 20   |
| D                    | 20   | 23   |
| E                    | 23   | 26   |
| F                    | 26   | 30   |
| G                    | 30   | 33   |
| H                    | 33   | 36   |
| I                    | 36   | 39   |
| J                    | 40   | 42   |

## Table C

Conductor Code

| Conductor Cross-section (mm <sup>2</sup> ) | Lug Code                           |                                  |                    |   |   |
|--|------------------------------------|----------------------------------|--------------------|---|---|
|  | Copper Lug (Hexagonal compression) | Aluminum Lug (Mechanical Bolted) |                    |   |   |
| 25   | 01C                                | M1(AULZ25-95-16)                 | -                  | - |   |
| 35   | 02C                                |                                  | -                  | - |   |
| 50   | 03C                                |                                  | -                  | - |   |
| 70   | 04C                                |                                  | M2(AULZ70-240-16)  | - | - |
| 95   | 05C                                |                                  |                    | - | - |
| 120  | 06C                                | -                                |                    | - |   |
| 150  | 07C                                | -                                |                    | - |   |
| 185  | 08C                                | -                                | M3(AULZ185-400-16) | - |   |
| 240  | 09C                                | -                                |                    | - |   |
| 300  | 10C                                | -                                |                    | - |   |
| 400  | 11C                                | -                                | -                  | - |   |
| 500  | 12C                                | -                                | -                  | - |   |
| 630  | 13C                                | -                                | -                  | - |   |

## Ordering example:

The cable is 15kV, 3-core 95mm<sup>2</sup> copper conductor with core insulation diameter of 22mm. Order **WEBIII 15/630D05C3**.

### Note:

Sealing or solderless grounding kits shall be ordered separately.

Insulated plug with capacitive test point is available upon request.

Please add "-X" for cable with copper wire shield without armour, like WEBIII 15/630D05C3-X.

Feel free to contact us for detailed information.