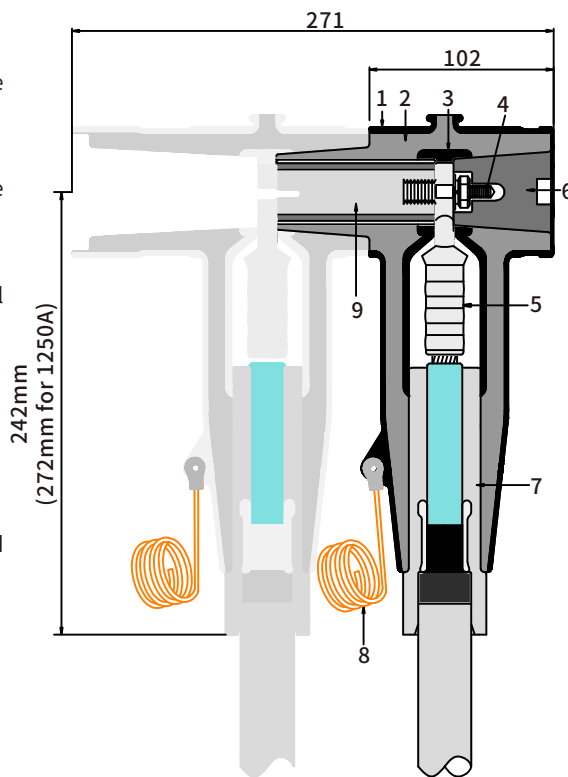


## WEBKIII 15/630 Bolted-type Rear Connector for Coupling Connection

### 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. Copper Connecting Pipe  
Connect the lugs between two cables



Up to 17.5kV  
6/10(12) kV  
6.35/11(12) kV  
8.7/15(17.5) kV

Dimension: mm

### Technical Data

<b>Voltage Class</b>	12kV	17.5kV
<b>Continuous Current</b>	Up to 1250A	Up to 1250A
<b>AC Withstand Voltage</b>	28.5kV for 5min	39kV for 5min
<b>Partial Discharge</b>	11kV, $\leq 10\text{pC}$	15kV, $\leq 10\text{pC}$
<b>Impulse Withstand Voltage (10 times for each polarity)</b>	95kV	95kV
<b>Screen Resistance</b>	$\leq 5000\Omega$	$\leq 5000\Omega$

## Ordering instruction

The ordering formula as followed:

	1	2	3	4
WEBKIII				

### 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 **WEBKIII 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 WEBKIII 15/630D05C3-X.

Feel free to contact us for detailed information.