

WEBK 24/630

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

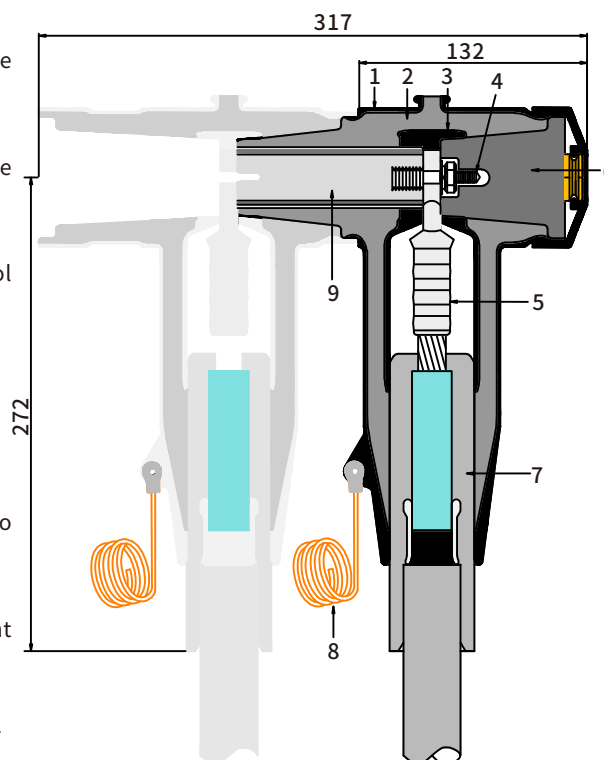
To provide initial stress relief and watertight seal

8. Earthing Wire

To earth the external screen for the connector

9. Copper Connecting Pipe

To connect the cable lugs



Dimension: mm

Technical Data

Voltage Class	24kV	
Continuous Current	630A	1250A*
AC Withstand Voltage	54kV for 5min	
Partial Discharge	20kV, $\leq 10\text{pC}$	
Impulse Withstand Voltage (10 times for each polarity)	125kV	
Screen Resistance	$\leq 5000\Omega$	
Screen Fault Current Initiation	For solidly/unearthed /impedance earthed system	

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

Ordering instruction

The ordering formula as followed:

	1	2	3	4
WEBK				

Step 1

Choose the system voltage and current: 24/630

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 Range Code	Diameter over cable insulation ϕ (mm)	
	Min.	Max.
A*	16	19
A	19	22
B	22	25
C	25	28
D	28	32
E	32	35
F	35	38
G	38	41
H	41	42.5

Table C

Conductor Code

Conductor Cross-section (mm ²)	Copper Lug (Hexagonal compression)
25	01C
35	02C
50	03C
70	04C
95	05C
120	06C
150	07C
185	08C
240	09C
300	10C
400	11C

Ordering example:

To fit with WEB24/630, the cable to mate is 24kV, 3-core 95mm² copper conductor with core insulation diameter of 24mm. Order **WEBK 24/630B05C3.**

Note:

Sealing or solderless grounding kits shall be ordered separately.

Please add "-X" for cable with copper wire shield without armour, like WEBK 24/630D05C3-X.

Feel free to contact us for detailed information.