

400A Plug-in Type Interface B Series

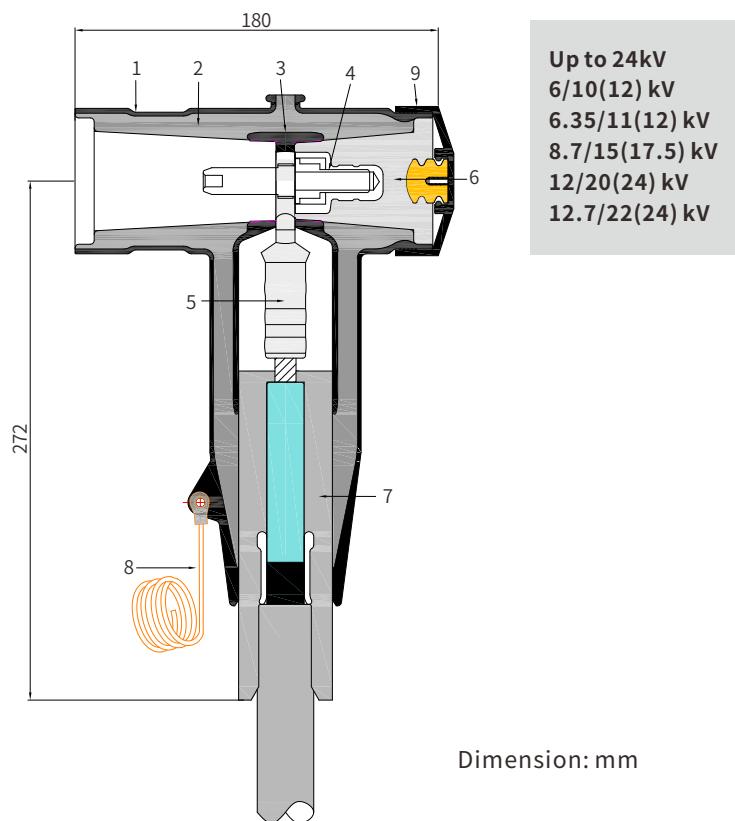
400A Plug-in Tee Connector WEB 24/400

Application

WEB Tee Connectors are used for connection of polymeric insulated cable to equipment, such as transformers, switchgear, motors with the bushing interface B per EN50180, EN50181

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. Probe
Tinned copper probe to thread into the conductor lug with the supplied tool
5. Conductor Lug
To connect the cable conductor and bushing
6. Insulated Plug
Moulded epoxy plug with integrated threads to accept the probe tail
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	24kV
Continuous Current	Up to 400A
AC Withstand Voltage	54kV for 5min
Partial Discharge	20kV, $\leq 10\text{pC}$
Impulse Withstand Voltage (10 times for each polarity)	125kV
Screen Resistance	$\leq 5000\Omega$

Ordering instruction

The ordering formula as followed:

1	2	3	4
WEB			

Step 1

Choose the system voltage and current: 24/400

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	19	22
B	22	25
C	25	28
D	28	32

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
150	07C	07B
185	08C	08B
240	09C	09B

Ordering example:

The cable is 24kV, 3-core 95mm² copper conductor with core insulation diameter of 24mm. Order **WEB 24/400B05C3**.

Note:

Sealing or solderless grounding kits shall be ordered separately.

Insulated plug with capacitive test point is available upon request.

Please add "-X" for copper wire shield cable like WEB 24/400B05C3-X.

Feel free to contact us for detailed information.