

# 123 kV Dry flexible termination

## TFD 123

### Application

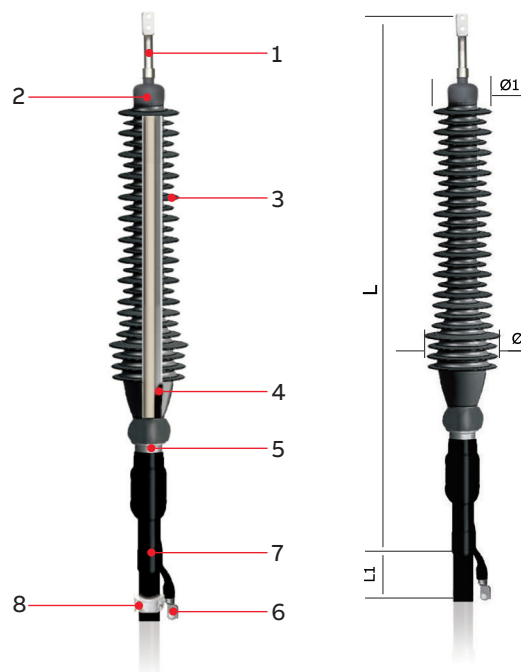
Flexible cable termination, suitable for 123 kV copper or aluminium Conductor XLPE insulated metal sheath cable, installed in any angle. One piece Integrated designed.

### Standards

Designed to meet the requirements of international accepted standards, IEC 60840 and China standard GB/ T 11017.

### Features

1. Top bolt  
Crimping connector, available for copper or aluminium conductor cables.
2. Shielding cover  
High-quality aluminum alloy, good rainproof and uniform top corona performance.
- 3/4. Stress cone and insulation body  
The raw material liquid silicone rubber (LSR), enables a more compact structure. Different sizes are designed to fit cables with different cross-section area, to ensure optimal interface pressure between stress cone and cables, as well as the excellent electrical and insulation performance good hydrophobicity and corrosion resistance, up to 126 kV IV level of pollution conditions.
5. Creepage current collector
6. Earthing kit  
Applied for cable mental screen ground.
7. Cable sealing kit  
Provides good sealing .
8. Cable clamp  
Fixed cable to the support.



### Main electrical properties:

Standard, IEC 60840, GB/ T 11017	Type test kV	Routine test*** kV
Highest voltage for equipment, $U_m$	126	126
Rated voltage, $U$	110	110
Value of $U_0$ for determination of test voltage	64	64
Heating cycle voltage test, $2 U_0$	128//20cycles	/
Partial discharge test $<5 \text{ pC}$ , $1.5 U_0$	96	96
Switching impulse voltage test	+/-550	/
AC-voltage test, $2.5 U_0$	160(15mins)	160(30mins)
Visual inspection	Preformed	Preformed

\* All products pass routine test.

Type	Weight(kg)	Dimensions(mm)
TFD 123	~ 65	~ 1400x330x330*

\* Detail packaging information please contact ABB.

### Storage :

When stored in original, unopened status at normal and dry conditions:

- The stress cone has a shelf life of five years from the date of manufacture
- Tape and grease have a shelf life of three years
- Insulating oil has a shelf life of three years
- Metal parts have no shelf life limit