

BH-CTR-M

15KV 630A T type separable screened/unscreened connector/rear

Features/Applications:

BH-CTR-M 15kV 630A T type separable screened/unscreened connector, made of EPDM elastomer, is used for indoor application, the main body is composed of inner conductive layer, insulating layer and outer conductive layer, suitable for the connection of XLPE cables 8.7/15kV to medium voltage equipment (transformers, switchgears, motors, etc.) up to 15KV.

- 100% factory tested before shipment, quality guaranteed;
- Compact design and suitable adaptor (stress cone) easy & simple installation;
- The stress cone adaptor covers the cable range of 25mm² -400mm²;
- Combined with insulation, sealing and it is touchable in the case of screened type but not suitable for unscreened type, it is untouchable;
- Meet: IEC60502-4, GB/T 12706.4.



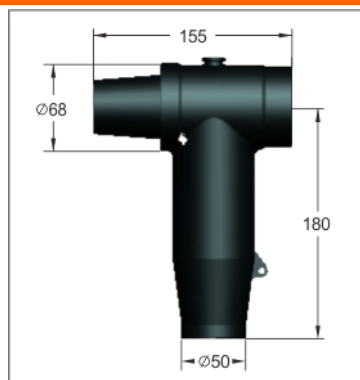
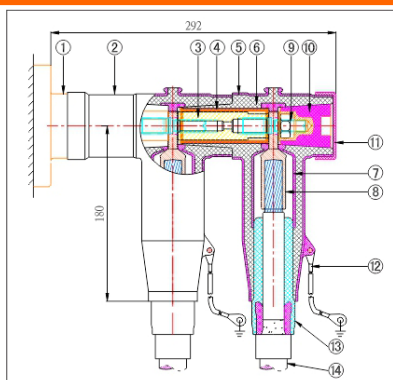
Specification

Size(mm)	Main insulation diameter (mm)	Cable cross-section(mm ²)
Φ 13.5	16-20	25-70
Φ 18	21-25	95-150
Φ 22	26-29	185-240
Φ 27	30-34	300-400

Technical Data

Performance	BH-CTR-M-101
Rated voltage	8.7/15 (17.5) kV
Max. operating voltage	17.5kV
Rated continuous current	630A
Partial discharge	15kV/≤10pC
A.C withstand voltage	39kV/5min

Design and structure (mm)



- | | | | |
|-----------------------|--------------------|-----------------------------|-------------------|
| ① Bushing | ② Front connector | ③ Conductive connecting rod | ④ Aluminium tube |
| ⑤ Outer screen | ⑥ Insulating layer | ⑦ Inner screen rear plug | ⑧ Compression lug |
| ⑨ Threaded pin | ⑩ Insulating plug | ⑪ End cap | ⑫ Earthing eye |
| ⑬ Stress cone adaptor | ⑭ Cable | | |

Main Compounds

- | | | | |
|-------------------------------------|--------------------------------------|--------------------|------------------|
| ① Rear connector body | ② Stress cone adaptor | ③ Compression lugs | ④ Treaded pin |
| ⑤ Rear plug | ⑥ Sand paper | ⑦ Cleaning tissue | ⑧ Silicon grease |
| ⑨ Conductive end cap(Screened type) | ⑩ Installation tools and instruction | | |