

# BH-CTF-301

35KV 630A T type separable screened connector/front

### Features/Applications:

BH-CTF-301 35kV 630A T type separable screened 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 26/35kV to medium voltage equipment (transformers, switchgears, motors, etc. ) up to 35KV.

- 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 50mm<sup>2</sup> -400mm<sup>2</sup>;
- Combined with insulation, sealing and touchable screened type;
- Meet: IEC60502-4, GB/T 12706.4.



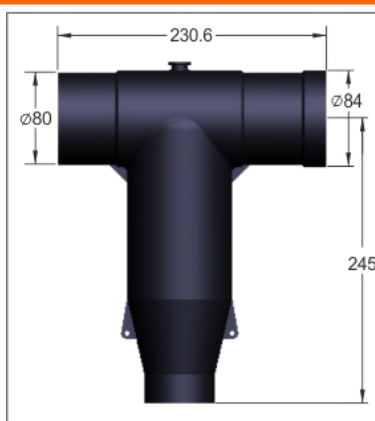
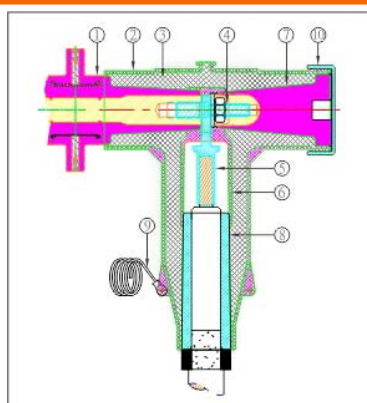
### Specification

Size(mm)	Main insulation diameter (mm)	Cable cross-section(mm <sup>2</sup> )
Φ 25	28-33	50
Φ 30	34-38	70-120
Φ 35	39-43	150-240
Φ 40	34-48	300-400

### Technical Data

Performance	BH-CTF -301
Rated voltage	26/35 (40.5) kV
Max. operating voltage	40.5kV
Rated continuous current	630A
Partial discharge	45kV/≤10pC
A.C withstand voltage	117kV/5min

### Design and structure (mm)



- ① Bushing
- ② Outer screen layer
- ③ Insulating layer
- ④ Threaded pin
- ⑤ Compression lug
- ⑥ Inner screen layer
- ⑦ Insulating lug
- ⑧ Stress cone adapter
- ⑨ Earthing eye

### Main Compounds

- ① Front connector body
- ② Stress cone adapter
- ③ Compression lugs
- ④ Treaded pin
- ⑤ Insulating plug
- ⑥ End cap
- ⑦ Cleaning tissue
- ⑧ Silicon grease
- ⑨ Sand paper
- ⑩ Installation tools and instruction