

# BH-CTR

## 630A T type separable screened connector/rear

### Features/Applications:

BH-CTR 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 8.7/15kV, 12/20kV to medium voltage equipment (transformers, switchgears, motors, etc.) up to 24KV.

- 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 25mm<sup>2</sup> -400mm<sup>2</sup>;
- Combined with insulation, sealing and touchable screened;
- Meet: IEC60502-4, GB/T 12706.4.



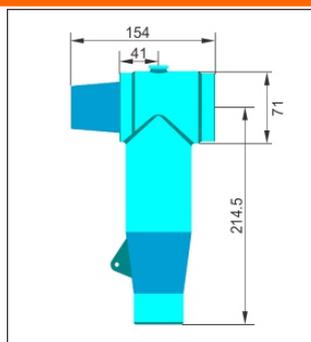
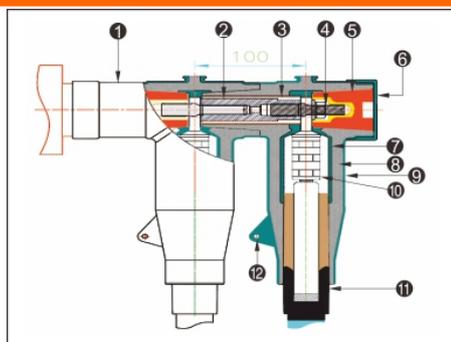
### Technical Data

Size(mm)	Main insulation diameter (mm)	Cable cross-section	
		8.7/15 kV(mm <sup>2</sup> )	12/20kV(mm <sup>2</sup> )
Φ 13.5	16-20	25-50	35
Φ 16.5	19-23	70-95	50-70
Φ 19.5	22-26	120-150	95-120
Φ 22.5	25-28	185-240	150
Φ 24.5	27-31	300	185-240
Φ 27.5	30-34	400	300

### Specification

Performance	BH-CTR-101	BH-CTR-201
Rated voltage	8.7/15 (17.5) kV	12/20 (24) kV
Max. system voltage	17.5kV	24kV
Continuous current	630A	630A
Partial discharge	15kV/≤10pC	20kV/≤10pC
A.C withstand voltage	39kV/5min	54kV/5min

### Design and structure (mm)



- ① Front connector
- ② Conductive connecting rod
- ③ Aluminium tube
- ④ Threaded pin
- ⑤ Rear lug
- ⑥ Conductive end cap
- ⑦ Inner screen
- ⑧ Insulating layer
- ⑨ Outer screen
- ⑩ Compression lugs
- ⑪ Stress cone adaptor
- ⑫ Earthing eye

### Main Compounds

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