

Transformer bushings (Porcelain)

For Medium & High Voltage Applications

Technical Specifications:

- Indoor & Outdoor Transformer Porcelain Bushings

- DIN MV Bushings

(DIN 42531, DIN 42532, DIN 42533)

Rated Voltage : 12Kv to 36kV

Rated Current : 250A to 3150A

- DIN HV Bushings

(DIN 42534)

Rated Voltage: 52kV

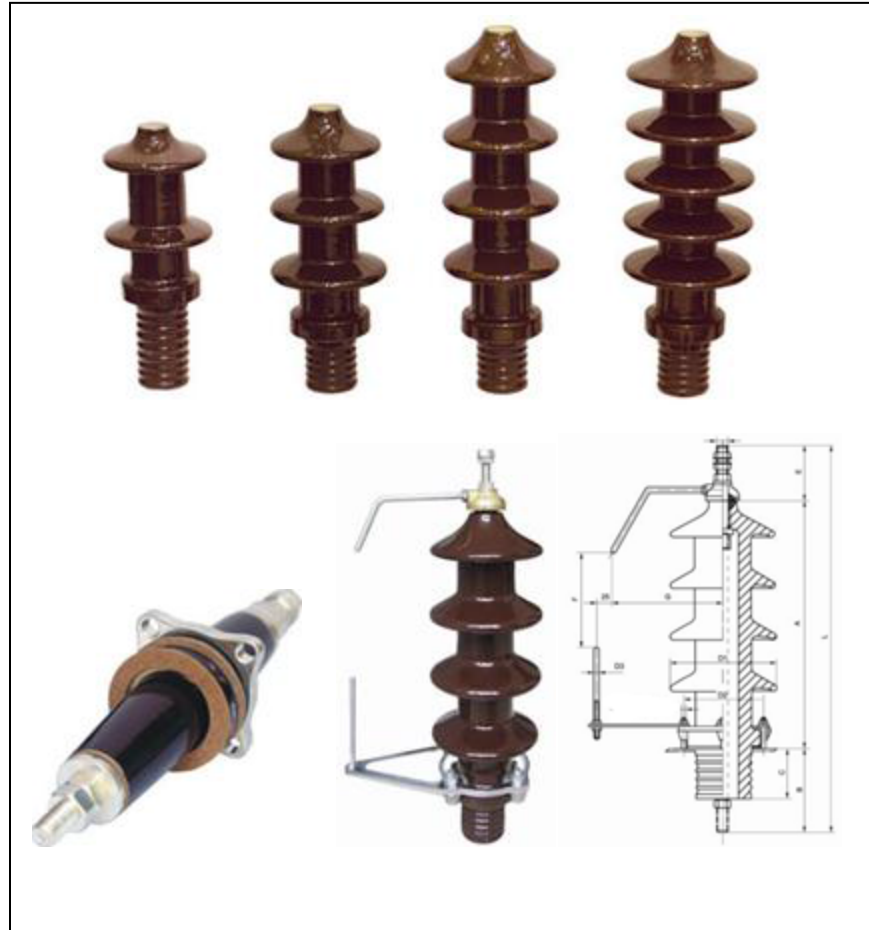
Rated Current : 1000A to 3150A

- BS & EN MV Bushings (Cable Box Type)

(EN 50336 – BS2562)

Rated Voltage: 12kV to 24kV

Rated Current : 250A to 1600A



| Model | HB250/12 | HB250/24 | HB250/36 | HB630/12 | HB630/24 | HB630/36 | HB1000/12 | HB1000/24 | HB1000/36 |
|------------------------------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| Rated Voltage (kV) | 12 | 24 | 36 | 12 | 24 | 36 | 12 | 24 | 36 |
| Rated Current (A) | 250 | 250 | 250 | 630 | 630 | 630 | 1000 | 1000 | 1000 |
| Lightning Impulse (mm) | 75 | 125 | 170 | 75 | 125 | 170 | 75 | 125 | 170 |
| Power Frequency (kV) | Dry | 28 | 50 | 70 | 28 | 50 | 70 | — | — |
| | Wet | — | — | — | — | — | — | 28 | 50 |
| Creepage Distance Min. (mm) | 305 | 450 | 607 | 305 | 440 | 662 | 295 | 445 | 635 |
| Arching Distance Min. (mm) | 235 | 310 | 408 | 230 | 315 | 418 | 85 | 155 | 220 |
| LEE Protected Line Min. (mm) | 165 | 212 | 288 | 165 | 245 | 332 | 42 | 90 | 128 |
| No. of Sheds | 2 | 3 | 4 | 2 | 3 | 4 | 2 | 3 | 4 |
| Tank Hole (mm) | 78 | 78 | 78 | 90 | 90 | 90 | 110 | 110 | 110 |
| Weight (kg) | 4.5 | 6.1 | 7.5 | 7.2 | 9.2 | 12.2 | 15 | 18 | 22 |

| Model | HB2000/12 | HB2000/24 | HB2000/36 | HB3150/12 | HB3150/24 | HB3150/36 | HB1000/52 | HB2000/52 | HB3150/52 |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Rated Voltage (kV) | 12 | 24 | 36 | 12 | 24 | 36 | 52 | 52 | 52 |
| Rated Current (A) | 2000 | 2000 | 2000 | 3150 | 3150 | 3150 | 1000 | 2000 | 3150 |
| Lightning Impulse (mm) | 75 | 125 | 170 | 75 | 125 | 170 | 250 | 250 | 250 |
| Power Frequency (kV) | Dry | – | – | – | – | – | – | – | – |
| | Wet | 28 | 50 | 70 | 28 | 50 | 70 | 95 | 95 |
| Creepage Distance Min. (mm) | 295 | 445 | 635 | 295 | 445 | 635 | 950 | 950 | 950 |
| Arching Distance Min. (mm) | 85 | 155 | 220 | 85 | 155 | 220 | 480 | 480 | 480 |
| LEE Protected Line Min. (mm) | 48 | 90 | 168 | 48 | 90 | 168 | 340 | 340 | 340 |
| No. of Sheds | 2 | 3 | 4 | 2 | 3 | 4 | – | – | – |
| Tank Hole (mm) | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |
| Weight (kg) | 23 | 29 | 35 | 28.5 | 32.5 | 40 | 35.2 | 44.9 | 49.2 |

Note: Specification subject to change without prior notice. Custom Design MV & HV Transformer Bushings with different electrical and mechanical specifications are available on request.