

VISION EXIM ..... Supply Chain Solutions!

We offer wide range of Copper – Aluminium & Insulation Components for electro-mechanical applications. We are committed to introduce new products to meet growing market demand and increasingly complex requirements.

We offer excellent quality, faster service and single point sourcing solutions at competitive prices. Our entire range of “Transformer Bushing Metal Parts with Gasket – Kit” are processed with most advanced technologies for highest degree of reliability & performance.

All bushings and metal parts are subjected to electrical and mechanical tests in compliance with relevant Indian Standards. In case of special requirements, feel free to contact us.

Porcelain Transformer Bushing with Metal Parts Assembly for use in –

- Lightly Polluted Atmospheres as per **IS:3347**
- Highly Polluted Atmospheres as per **IS:8603**



\* With Accessories viz. Brass Connecting Lug, Arcing Horns, Clamping Ring, Member, Gasket, etc.

VISION EXIM

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### LV Bushing + Metal Parts Assembly:

| Type of Stem    | Bushing Rating<br>kV/A | Stem Dia.<br>In mm | Length<br>In mm | Remark    |
|-----------------|------------------------|--------------------|-----------------|-----------|
| Copper or Brass | 1/250                  | M12                | 205             | No Lug    |
| Copper or Brass | 1/630                  | M20                | 260             | No Lug    |
| Copper          | 1/1000                 | M30                | 248             | Brass Lug |
| Copper          | 1/2000                 | M42                | 290             | Brass Lug |
| Copper          | 1/3150                 | M48                | 300             | Brass Lug |

### HV Bushing + Metal Parts Assembly:

| Type of Stem    | Bushing Rating<br>kV/A | Stem Dia.<br>In mm | Length<br>In mm | Remark    |
|-----------------|------------------------|--------------------|-----------------|-----------|
| Copper or Brass | 12-36/250              | M12                | 134             | No Lug    |
| Copper or Brass | 12-36/630              | M20                | 180             | No Lug    |
| Copper          | 12/1000                | M30                | 545             | Brass Lug |
| Copper          | 12/2000                | M42                | 575             | Brass Lug |
| Copper          | 12/3150                | M48                | 580             | Brass Lug |
| Copper          | 36/1000                | M30                | 755             | Brass Lug |
| Copper          | 36/2000                | M42                | 775             | Brass Lug |
| Copper          | 36/3150                | M48                | 780             | Brass Lug |

### Material and Applicable Standard:

| Part/Accessories | Material Composition   | Dimensions   |
|------------------|--|--|
| Hexagonal Nut    | Brass conforming to IS : 1364  | IS:1364, IS:3138, IS:1362, IS:3139   |
| Stem             | Copper rods conforming to IS : 613   | IS:3347  |
| Nut              | Brass confirming to IS:3488 or IS:292 or IS:319  | IS:3347  |
| Washer Top End   | Brass confirming to IS:3488 or IS:319  | Brass confirming to IS:3488 or IS:319  |
| Washer Stem      | Brass confirming to IS:3488 or IS:319  | Brass confirming to IS:3488 or IS:319  |
| Connecting Lug   | Brass confirming to IS:3488 or IS:319 for 1000A & 2000A<br><br>Copper Chromium Alloy for 3150A | Brass confirming to IS:3488 or IS:319 for 1000A & 2000A<br><br>Copper Chromium Alloy for 3150A |
| Sealing Washer   | Cork or Nitrile or Silicon   | Cork or Nitrile or Silicon   |

\* Dimensional tolerances for machined, forged or cast components as per IS:2102.

Should you require further information / details, feel free to contact us.

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