



# ELKOM®

The Leading Producer of Bushing  
Finwall, Tanks and Accessories for  
Transformer Manufacturers



## ABOUT US

From its humble beginning in 1993, ELKOM® has progressed and developed into a global brand.

Our brand is synonymous with top-notch quality, and our facility produces a wide range of products, from producing transformer accessories such as corrugated finwalls, transformer tanks, bushings, tap changers, and other transformer accessories.

ELKOM® then diversifies into the brass business by producing precision brass components, brass billets and brass ingots.

With an acute management team, our founder, Mr. Simon Yee, has led the company to achieve many successes, including custom building and developing key machinery in-house and obtaining international accreditations and a string of ISO 9001:2015 for Quality Management System Standards.



ELKOM® has made its mark and has stamped its footprint on every continent, and it will continue to spearhead and lead the industry in the international market. ELKOM® currently exports to more than 20 countries worldwide.

Regarding the growing importance of environmental sustainability, ELKOM® has installed a 1 MVA capacity solar system above the factory roof to support renewable energy in 2024. Nevertheless, ELKOM® shall commit to sustainability in the management and company culture.

Forging



Brazing



CNC Machining



## FACILITIES

ELKOM's operations are housed in a 28,000 square meter factory complex. Highly skilled personnel and our experienced team are on the floor to operate and manage the different machines and facility to ensure a smooth and efficient process is accomplished in every step of the production.

Gaskets Cutting



Laser Cutting



Robot Welding



Finwall Folding Machine



Plastic Injection



Router Machining



# OUR MISSION

To attain tri-party efficiency and high-performance achievements.

Providing the most conducive working environment and superior benefits for employees.

Upholding business ethics and being environmentally conscious to foster long-term business relationships with our suppliers and customers.

# OUR VALUES

At ELKOM®, we are committed to upholding the highest standards of ethics and promoting sustainability.

We take responsibility. We respect all and we are determined to deliver and meet the needs of all our stakeholders, from internal to external, including the environment.

# QUALITY

Quality is the key priority and focus of ELKOM®. From the factory complex to manufacturing process and every product produced at our facility, we strive and work towards achieving the highest quality.



**KEMA** Labs

**ICMET**

# PORCELAIN BUSHINGS

Quality is the key priority and focus of ELKOM®. From the factory complex to manufacturing process and every product produced at our facility, we strive and work towards achieving the highest quality.

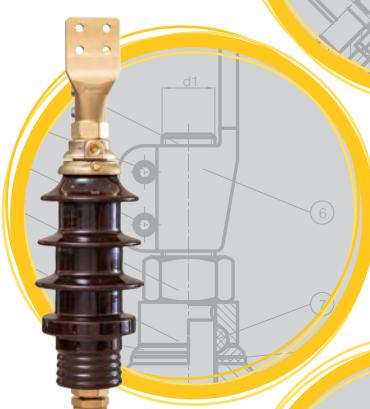
Our porcelain bushings are produced according to DIN, EN, BS, and IRAM standards

 Scan the QR Code  
to find out more  
Porcelain Bushing



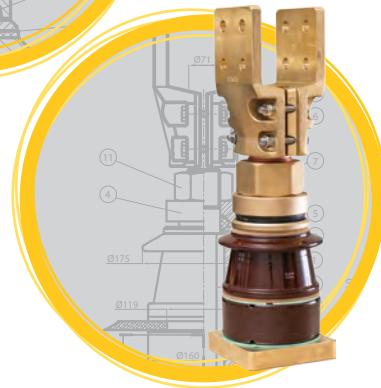
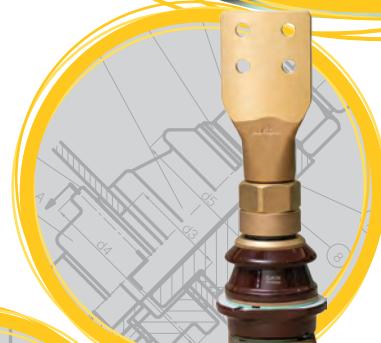
## DIN Bushing

Standards : 42531, 42532,  
42533, 42534  
Voltage : 12kV – 52kV  
Ratings : 250A to 4500A



## DIN Bushing

Standards : 42530, 42539  
Voltage : 1kV – 3kV  
Ratings : 250A to 3150A



## 4500A – 6500A Bushing

Standards : Elkcom Design  
Voltage : 1kV – 3kV  
Ratings : 4500A to 6500A

### EN Bushing

Standards : EN 50386  
Voltage : 1kV  
Current : 250A to 4500A

### LV BS Bushing

Standards : Elkom Design  
Voltage : 1kV – 3kV  
Ratings : 850A, 1600A, 2500A

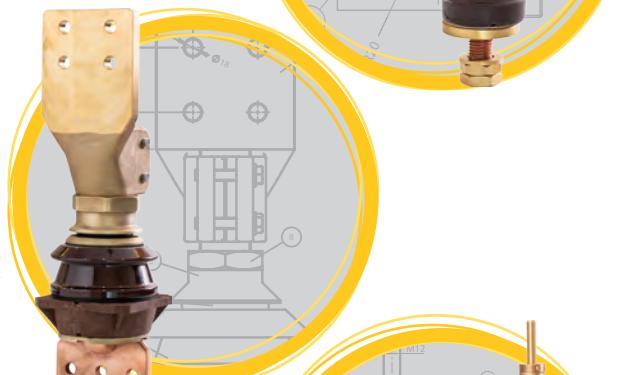


### 250A – 630A Bushing

Standards : Thailand Design  
Voltage : 1kV  
Ratings : 250A to 630A

### 2000A – 4500A Bushing

Standards : Elkom Design  
Voltage : 1kV  
Ratings : 2000A to 4500A

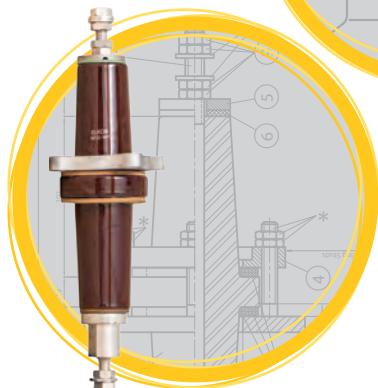


### IRAM Bushing

Standard : IRAM 2250  
Voltage (LV) : 1kV  
Ratings (LV) : 250A – 3150A  
Voltage (HV) : 15kV – 38kV  
Ratings (HV) : up to 250A

### BS Bushing

Standards : BS 2562  
Voltage : 12kV – 36kV  
Ratings : 250A



# FINWALLS

We customize Finwalls based on customer requirements and design.

- **Material:**

Cold rolled steel

- **Fin Thickness:**

1.0mm, 1.2mm, 1.5mm

- **Fin Width:**

400mm to 1500mm

- **Fin Height:**

50mm to 400mm

- **Fin Pitch:**

40mm to 100mm

- **Edge Bending:**

45, 90, 180 and 270 degrees

- **Embossing/Spot Welding:**

Available upon customer request

- **Stiffener Rod:**

Available upon customer request

- **Quality Control:**

Leakage control by UV light against penetrant dye



Scan the QR Code  
to find out more  
Finwalls

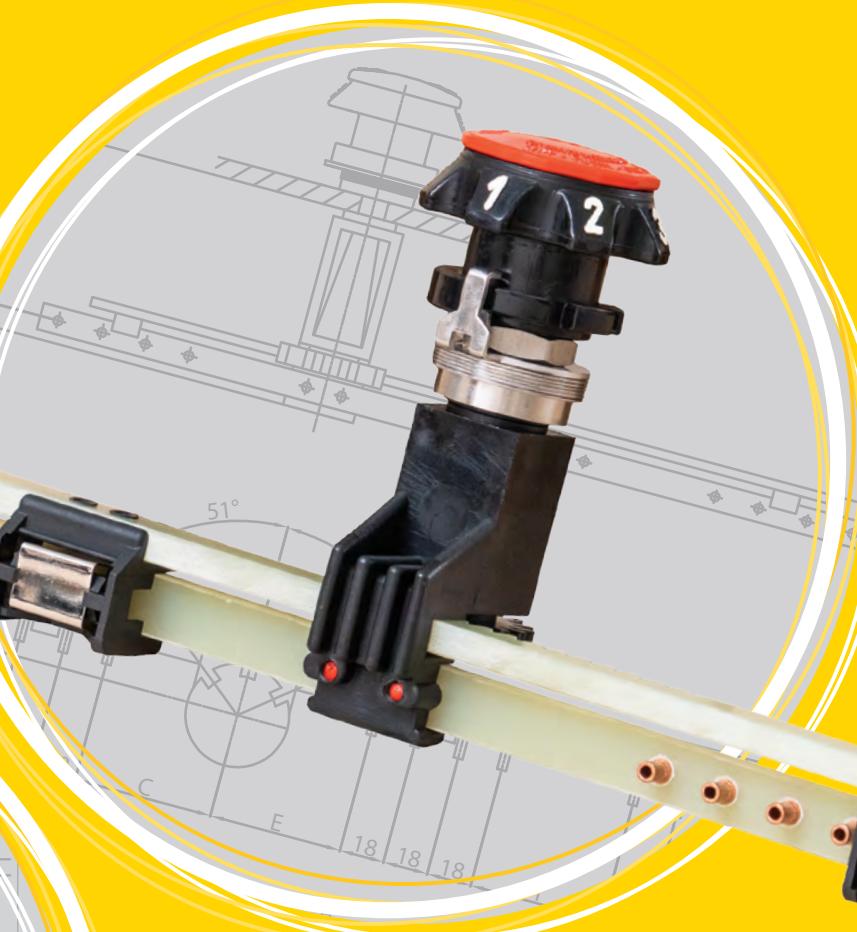


# FINWALL TANK & FLATWALL TANK

We customize tanks according to customer requirements and designs. They will be subject to visual and paint thickness control as well as leakage tests under pressure based on customer specifications.



Scan the QR Code  
to find out more  
Finwall/Flatwall Tank



## TAP CHANGERS

Our Tap Changers are made available in one and three phases applications. We can also produce for different positions and based on requirements.

Available in one and three phases applications

- Voltage up to 36 kV (BIL 200 kV)
- Current up to 63A
- Shaft length of 50, 70, 100, 130 and 150 mm
- With plastic or aluminum knob
- Number of positions: 3 to 7 positions
- Material: Bakelite & Epoxy fiberglass.



Scan the QR Code  
to find out more  
Tap Changers

## BUSHING COVERS

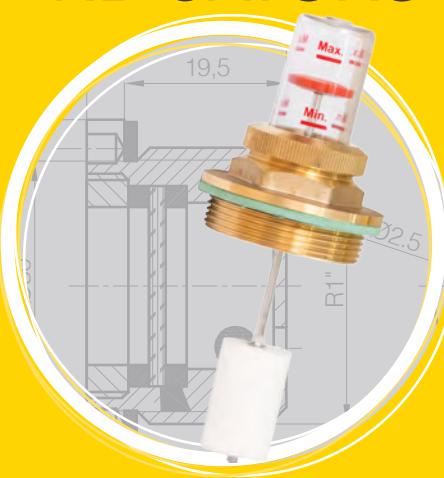


Our Bushing Covers are tested for withstanding Thermal and AC Voltage as well as resistance to Tracking and UV.



Scan the QR Code  
to find out more  
Bushing Covers

## OIL LEVEL INDICATORS



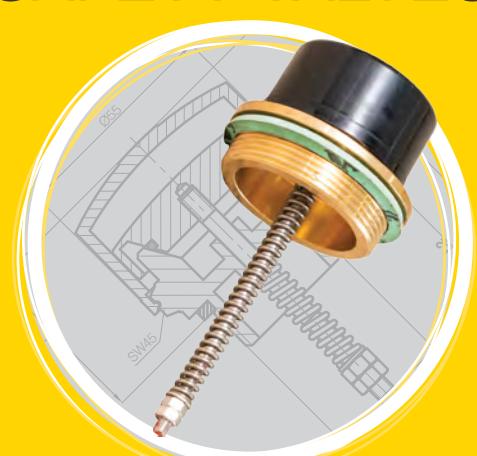
Vertical oil level indicators for hermetically sealed type transformers.

Connection Size: R1" & R2"



Scan the QR Code  
to find out more  
Oil Level Indicators

## PRESSURE SAFETY VALVES

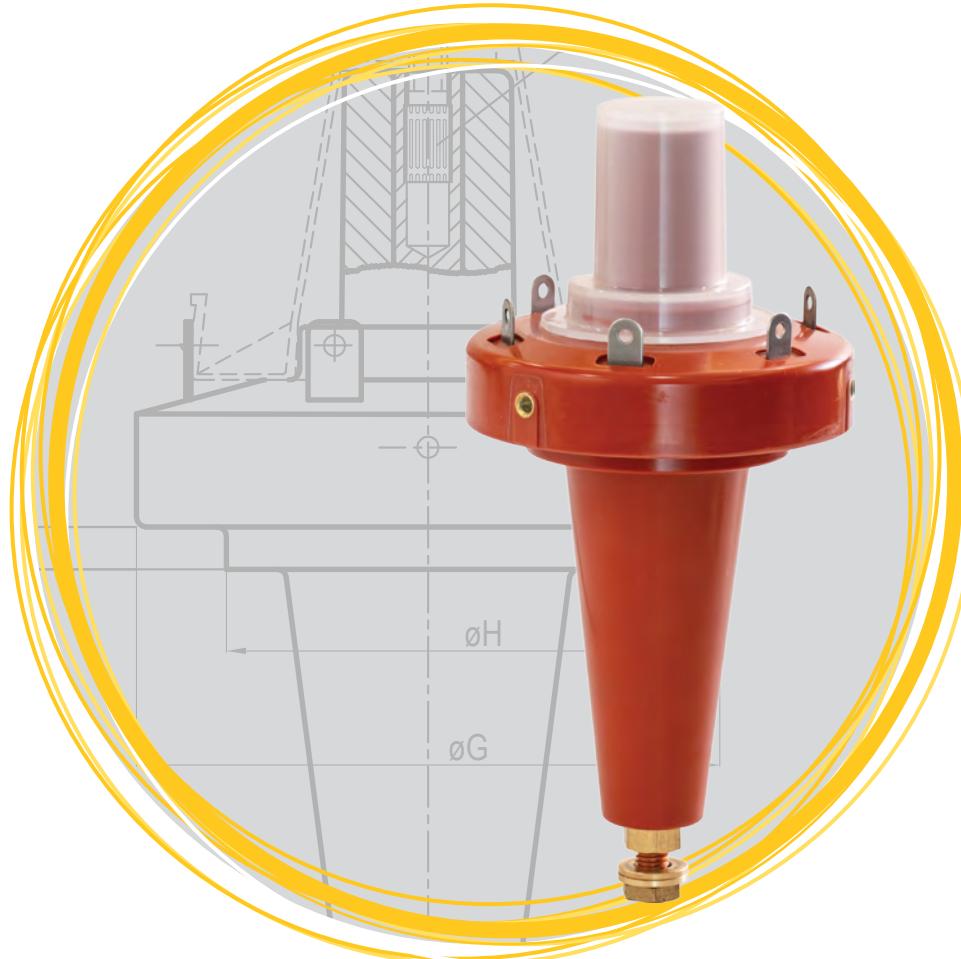


Pressure safety valves are available without contacts.

Connection Size: R1" & R2"



Scan the QR Code  
to find out more  
Pressure Safety Valves



## PLUG-IN BUSHINGS

Standards : EN50180  
Voltage : from 24kV  
up to 36kV  
Current : from 250A  
to 630A

## MONOBLOCKS

Standards : BS2562 –  
EN50336  
Voltage : 1.1kV  
Current : from 800A  
to 3000A



# BRASS COMPONENTS

We have in-house Forging Machines and CNC Machining centres. We can produce various brass components, such as bolts, nuts, valves, fittings, and other shapes, through the existing facilities based on customer drawings and/or samples.



## BRASS ROD

Brass is an alloy made primarily of copper and zinc. Based on the clients' composition requirements, we can fabricate in the form of rods.

## WORLDWIDE CUSTOMERS

Algeria  
Argentina  
Australia  
Cambodia  
Czech Republic  
Egypt  
Indonesia

Kuwait  
Malaysia  
Myanmar  
Nepal  
New Zealand  
Paraguay  
Peru

Saudi Arabia  
Singapore  
Tanzania  
Thailand  
Türkiye  
United Arab Emirates  
Uruguay



### ELKOM SDN BHD

---

Lot PT 32696,  
Kawasan Perindustrian Sungai Purun,  
Jalan Bangi Lama Batu 1 ½,  
43500 Semenyih, Selangor, Malaysia.

---

Tel: +60 3 8727 1488  
+60 3 8727 1489

---

Fax: +60 3 8727 1487

---

Web: [www.elkom.com.my](http://www.elkom.com.my)

---

Email: [sales@elkom.com.my](mailto:sales@elkom.com.my)

