

**PHOENIX TRADEBRASS COMPONENTS**

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## ABOUT US

Phoenix Tradebrass Components adheres to the worldwide business for various components and we manufacture components suitable for Electrical Switchgear, Controlgear, Energy Meter Industries, Rail Mounting Terminals, Plastic Moulding Inserts, and Plug & Sockets. Our current clientele include various corporate bodies and Multinational companies.

Phoenix Tradebrass Components is one of the leading manufacturers of Brass Components used in Electrical & Switchgear Industries. More popularly known as Radhika Group of Companies, we are engaged in this business since 1995. It has been a long and successful journey & we are pleased to be among the top exporters of Brass Electrical Wiring Accessories from India to the whole world.

The quality standards required by our customers are stringently followed in the quality of material and manufacturing process as well. Having various indigenous and self-made automatic machines, it gives us an edge to manufacture precise products. Such competency in material manufacturing has helped us to achieve ISO 9001:2015 Certification for our excellent product quality and services.

Phoenix Tradebrass Components have a fully equipped laboratory to test the material, both chemically & physically. Each batch of melted material is checked for composition by a German-make Spectrometer, which not only ensures exacting Chemical Composition of the Alloys. Since the inception we have been manufacturing quality Brass components with material specification as per IS, BS, EN or DIN standards.

## QUALITY POLICY



Phoenix Tradebrass Components's policy is to maintain and improve the quality of products and services, in order to meet consistently customer satisfaction.

Working as a Team with the involvement of employees & our valued suppliers ensures continual improvement of processes, efficiently & effectively.

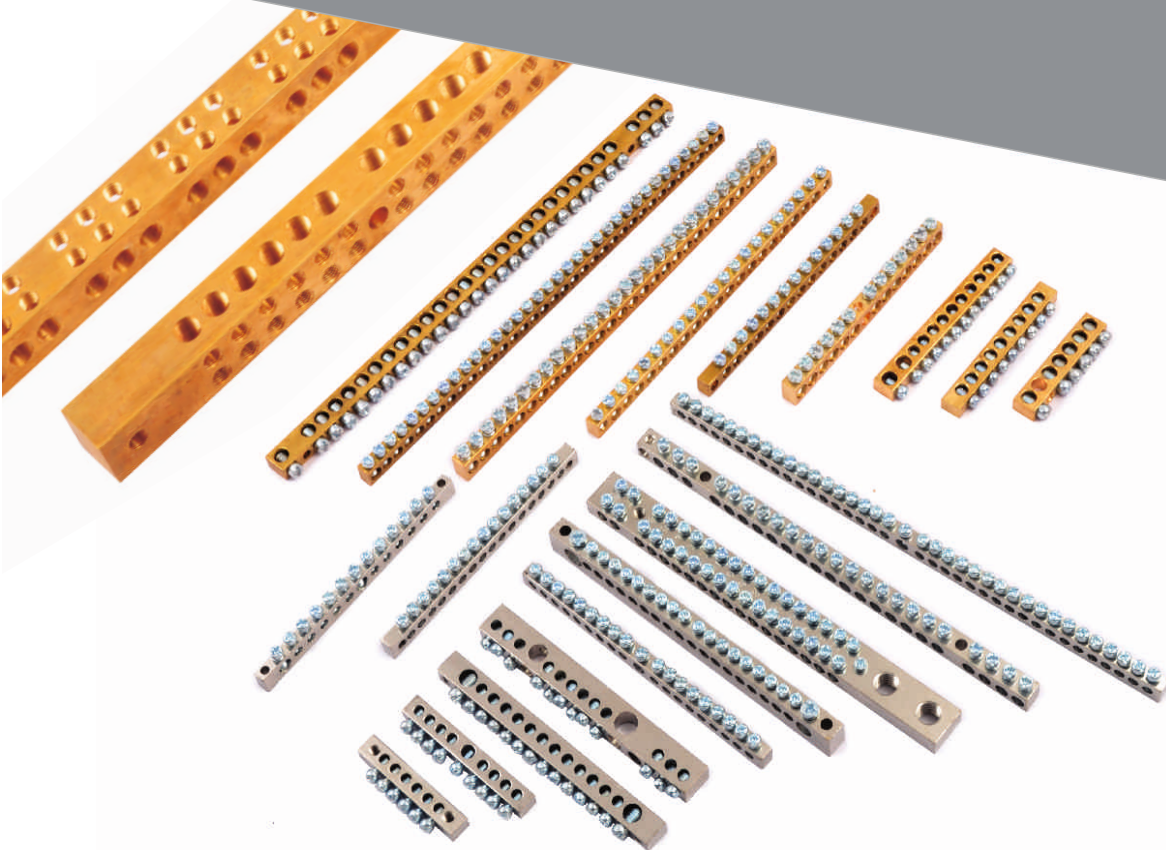
Our management is committed for the health safety and environment aspects for all stake holders.

Our main priority is to be the customers' preferred vendor.

## ENVIRONMENTAL POLICY

Phoenix Tradebrass Components is committed in protecting the environment and controlling the usage of resources in manufacturing and related activities through continuous improvement of environmental protection.

To achieve these goals, environmental management programs will comply with relevant environmental legislation rules and regulations. The environmental management systems will define objectives and targets for prevention and reduction of pollution in manufacturing, and related processes to safeguard adverse impact on the environment.



## DISTRIBUTION BOX

Neutral Links/Bars are used as an accessory in Panel Boards & Electrical Board in Industries like Electrical, Electronics & Telecommunications. It is considered as a backbone in Building Circuit Protections such as MCB, Switchgears, Circuit breaker, RCB etc.

We are also manufacturing Distribution blocks consisting in and out termination. In some of the products we are supplying along with insulation support as per customer needs.

**Range :** 2Way to any size upto customer's design or requirements.

**Finish :** Natural / Nickel / Chrome / Any coating as per customer's specification.

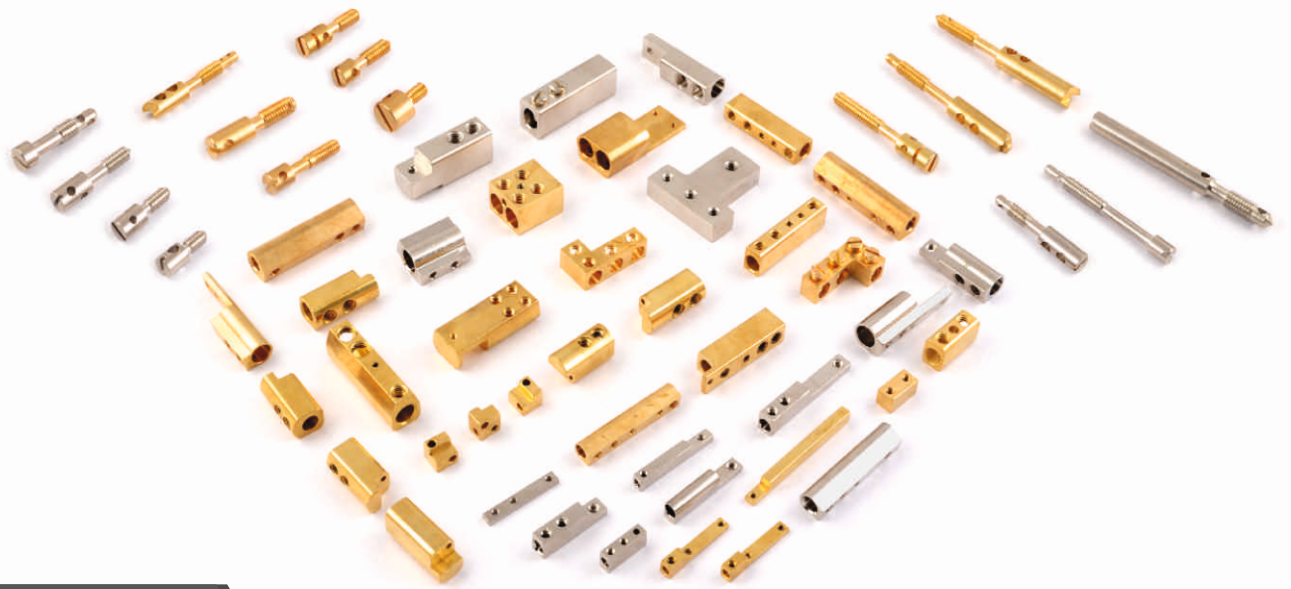


## ELECTRICAL ON AND OFF LOAD TRANSMISSION CONTACTS

An electrical contact is an electrical circuit component found in electrical switches, relays and breakers. It is composed of two pieces of electrically conductive metal that pass electrical current or insulate when the gap between them is closed or open. We are using high grade of brass which has excellent conductivity as well as fully extrusion which gives extra ordinary tightening torque to clamp the wire.

**Range:** 16 Amp to 1000 Amp

**Finish:** Natural / Nickel / Any coating as per customer's specification.



## ENERGY METERS

Energy Meter is a device that measures the amount of electric energy consumed by a residence, business or an electrically powered device. We are the leading supplier of the Industry serving to the leading manufacturers of Energy Meters. The offered array of terminal, sealing screws, inserts etc. required for manufacturing energy meters & water meters which are highly appreciated for its superb features such as wear & tear resistance and excellent finishing.

Brass Terminals are used mostly in Metering Industries. They are in form of Current Terminals, Potential Terminals & Voltage Terminals etc. Single Phase & three phase energy meters needs high quality Terminals for superior conductivity & resistance to corrosion. Variety of terminals can be produced as per customer's design and specifications. We usually produce these terminals exclusively as per custom design in the form of Square, Rectangular or in Special Sectional Design.

**Range:** 40A to 120A for Single phase as well as three phase meters.

**Finish:** Natural / Nickel / Any coating as per customer's specification.



## HRC FUSE:

In HRC Fuse, The fuse wire or element can carry short circuit heavy current for a known time period. During this time if the fault is removed then it does not blow off otherwise it blows off or melts. HRC fuse connectors and HRC Fuse links are mainly used in Instrumentation, Telecommunications, and other Plastic cases Assembly to withstand the conductivity. We manufacture this from special grade of brass to withstand the conductivity required for HRC fuse.

**Range:** 20Amp to 200 Amp.

**Finish:** Natural / Nickel / Any coating as per customer's specification.



## RAIL MOUNTING TERMINALS

A metal Rail of a standard type widely used for mounting circuit breakers and industrial control equipment inside equipment racks. We serve components required for rail mounting terminals in Brass as well as steel.

**Range :** Bus Bars 35mm<sup>2</sup> to 300mm<sup>2</sup>

**Finish :** Natural / Nickel / Any coating as per customer's specification.



## PLASTIC MOULDING INDUCTIONS FOR SWITCHES

We are pioneer manufacturer of Brass threaded inserts for plastics industries, communication equipments, automotive industries, electrical & Wiring device cases etc. We offer a full line of brass inserts for all methods of installation, including: ultrasonic, heat, thermal, press-in and mold-in. These parts are use in switch contacts, moulding inserts, and different varieties used for modular switches, MCBs, MCCBs.

Although we produce various brass inserts as per custom design & specification, we have standard series of Threaded Inserts such as Straight Hole, Blind (Closed bottom), Collar Inserts, Ultrasonic, Press in, Tri Slotted Inserts etc.

- Collar series inserts provides Options to use Flange to make Electric Contact
- Ultrasonic series thread inserts having Opposite Diagonal Knurls provide excellent Torque Resistance Vertical Undercuts in Tri Series Provides Superior Tensile Strength
- Straight, Diamond, opposite diagonal etc. are the knurling options available to give solid gripping to Molding applications.
- Blind thread or closed bottom Inserts prevents plastic from entering the bottom of the insert.

**Range :** Thread Size M1.6 to M50. BA, BSW, BSPT, BSF & American Threads like UNC, UNF, UNEF & NPT.

**Finish:** Natural / Nickel / Any coating as per customer's specification.

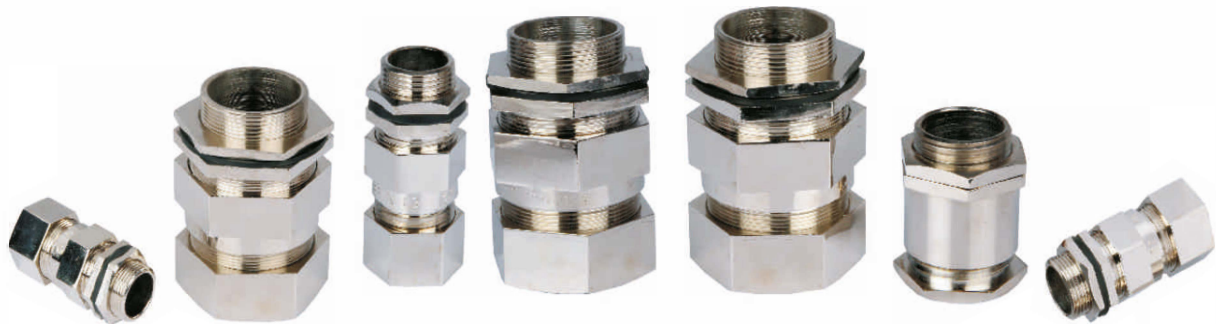


## PLUG & SOCKETS

Plug & Sockets are devices that allow electrically operated equipment to be connected to the primary alternating current (AC) power supply in a building. Electrical plugs and sockets differ in voltage and current rating, shape, size and type of connectors. We are one of the leading manufacturers for Plug and Socket components. We deal with metal components required for Plug & Socket industry. We do manufacture Plug pins as per Indian Standards as well as British Standards.

**Range:** 6A Plug & Sockets to 125A Plug & Sockets.

**Finish:** Natural / Nickel / Any coating as per customer's specification.



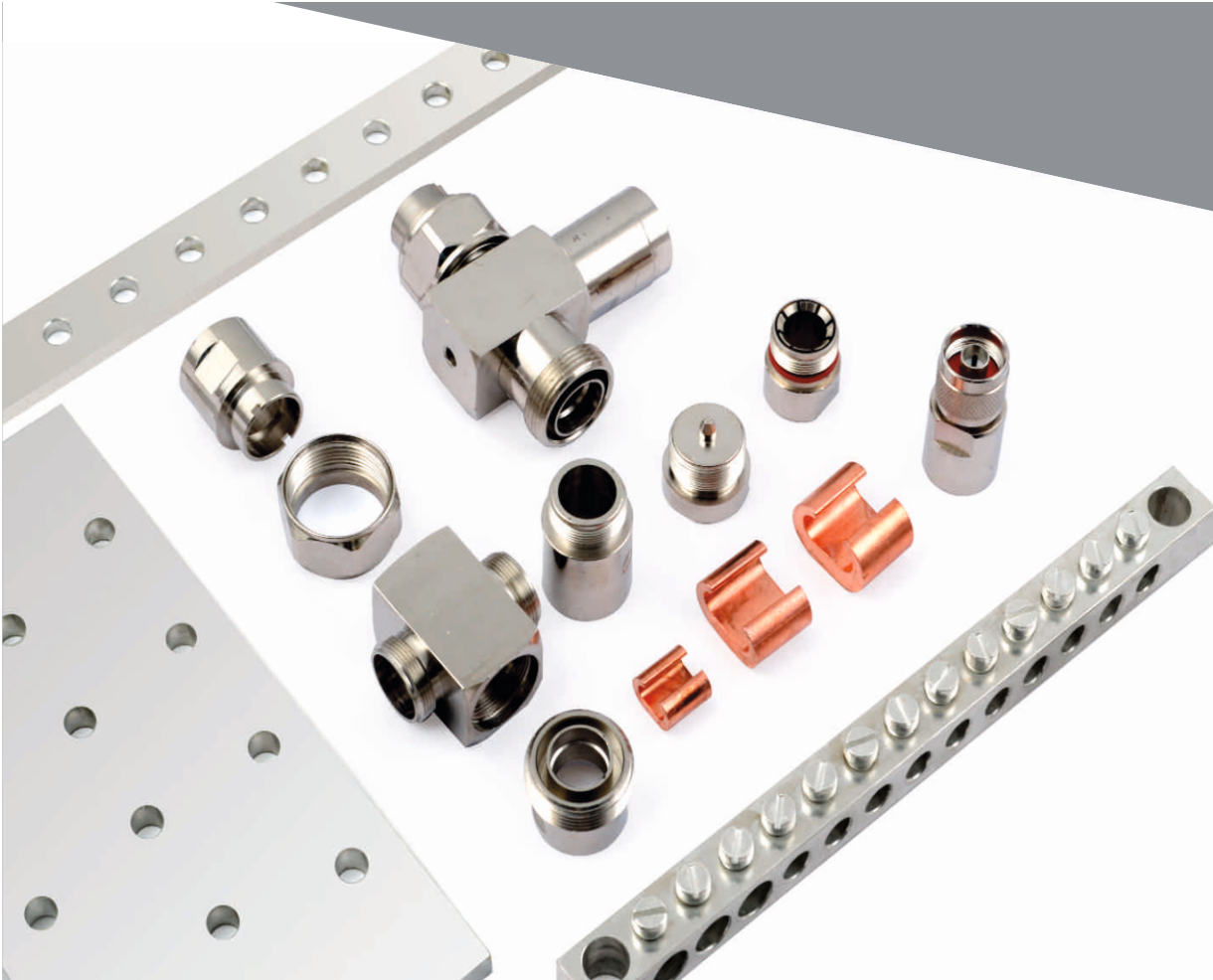
## CABLE GLANDS

Cable Glands are mechanical cable entry devices, which can be constructed from metallic or non-metallic materials, and are used throughout all industries in conjunction with cable and wiring used in the electrical, instrumentation and automation systems. Cable Glands may be used on all types of electrical power, control, instruments, data and telecommunications cable. They are used as a sealing and terminating device to ensure that the characteristics of the enclosure which the cable enters can be maintained adequately.

We are well established brand in Brass Cable Glands internationally under the name of "PHOENIX". Our entire range of BW, CW, A2 and E1W Glands have been CE & BSi Certified. Now we are entering the Indian Market with the products like:

**Range:** Brass Single Compression SCG Cable Gland (SIBG) as per IS 12943:1990  
 Brass Single Compression Heavy Duty/ Medium Duty Gland  
 Brass Double Compression Weatherproof Cable Gland as per IS/ IEC 60529:2001  
 Brass Double Compression Flameproof Cable Gland as per IS/ IEC 60079-0/1: 2004/ 07  
 Brass Reducers, Brass Stopping Plugs and Brass Earthing Accessories.

**Finish:** Natural / Nickel / Any coating as per customer's specification.



## TELECOMMUNICATION

A telecommunication part is an electrical appliance used to protect against power surges and also serve to distribute power. Our range of manufacturing covers Surge Arresters, Earth Bars, Clamping Components etc with raw material composition of brass, copper and its alloy, specially required for the Telecommunication Industries.



## OTHER SPECIAL COMPONENTS

Our other special components include different types of Bus Bars, Bearing accessories, cable clamping accessories, Earthing Accessories etc. manufactured from Brass, Copper as well as Steel.