

PROTECTING THE LIFELINE OF ELECTRICITY

providing innovative power cable accessories





Yamuna Densons
is best known for Quality,
Innovation, Export Excellence
and Productivity while
maintaining safe Transmission
& Distribution of Power.

Ensuring Uninterrupted Power Supply

Headquartered at Yamuna Nagar, Haryana, **YAMUNA DENSONS** is a front runner in designing, producing and supplying power cable jointing accessories upto 66kV under brand to many power distribution companies in India & other global markets.

YAMUNA DENSONS has been built on reputation of customer service, trust and innovative engineering. Our World class products meet the highest standards of excellence for design, durability and functionality.

We are one stop shop for all kinds of Power Cable Jointing Accessories such as Resin Pour, Tapex, Heat Shrinkable, Pre-Moulded (Slip-On) and Cold Shrink Type.

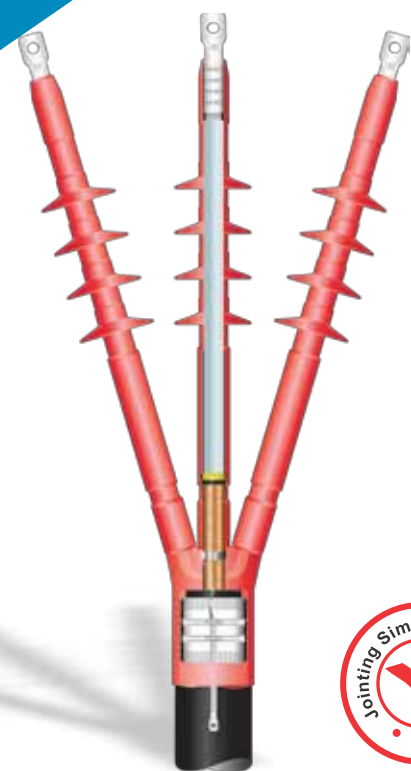
We Also Produced Silicone Insulators in Transmission & Distribution Class.

Extra Mile Features of YAMUNA DENSONS

- Driven by over 4 decades of experience and powered by customers faith in long standing experience and our customers faith in our expertise has made Yamuna Densons the most preferred and quality conscious supplier of World class cable jointing products in more than 35 Countries across the World.
- We have the ability to work with customers at all levels and offer them the most comprehensive solutions with National & International quality standards.
- An ISO-9001-2008 certified company committed to meet various National & International standards such as IS, BS, IEC, DIN, VDE etc.
- Quality is the cornerstone of our success and a key to our global competitiveness. Our quality Control team keeps close vigilance on the products to ensure that customers, no matter where they are located, receive consistent and excellent quality products and services.
- Our well managed team of technocrats and qualified engineers have in depth industry knowledge in their respective domains and are well accustomed with varied industry specifications. Their continuous support and assistance enable us to carry-out the entire production process within the stipulated timeframe and as per stringent quality standards.
- Our in-house production ability is unrivaled in the industry and provides consistency, flexibility and quick turnaround for even the most demanding just-in-time requirements.
- Our R&D Lab is approved by Ministry of Science & Technology, Govt. of India. It has been awarded for Innovation, Quality, Export Excellence and Productivity by Engineering Export Promotion Council & Govt. of India. Our Products are a preferred choice of our customers due to their wide range availability, quality & easy installation.

Remember

In house compounding & manufacturing facilities, carefully selected raw materials from best sources. Ingredients Matter.



Heat Shrink Cable Joints, Terminations & Accessories upto 66kV

- ▶ All key inputs are produced in-house.
- ▶ Continuous operation temperature-55 C to 120 C.
- ▶ Corrosion resistant and unlimited shelf life.
- ▶ In compliance with IEC-60502-4 / IS-13573.
- ▶ Electrolytic grade connectors.



Resilient

Our State of the Art Cold Shrink manufacturing facilities use German machines, moulds & raw materials. No Compromises



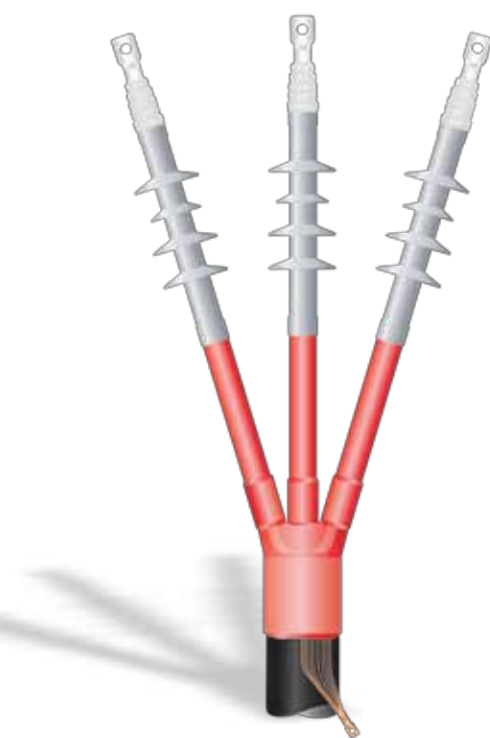
Cold Shrink Cable Joints, Terminations & Accessories upto 66kV

- ▶ Simple Structure, pre-fabricated, & factory tested.
- ▶ Ready to use and easy to install.
- ▶ Minimises joiner's skills.
- ▶ Made from LSR, delivering better Electrical and Outdoor Performance.
- ▶ In compliance with IEC-60502-4 / IS:13573.



Easily

100% factory produced & tested, Before Supplied.



Pre Moulded Straight Through Joints & Terminations upto 36kV

- Cold-applied.
- No Special Tools.
- Prefabricated for Safe and Fast Installation.
- Constant Radial Pressure.
- Few Components.

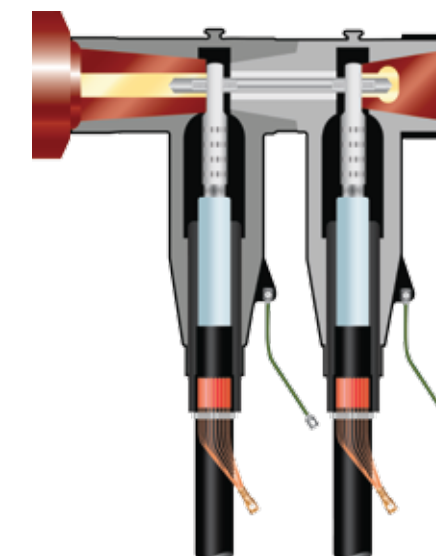


Shock Proof

100% factory produced & tested, before supplied



Elbow Connectors 24kV 250A (Straight and Elbow)



Elbow Connectors 36kV 630A (T-Joint)

Pre-moulded Elbow Connectors upto 36kV

- Safe to touch.
- Capacitive test point.
- Faster installation.
- In-built stress control offering high stress control properties.
- Minimum jointer expertise.
- Easy application.
- Unlimited shelf-life.
- Outstanding mechanical, chemical & electrical properties.
- Non-corrosive and UV resistant.

Anti Ageing

Made with the best selection of German raw materials using State of the Art manufacturing & qualifying equipments.



11-400 kV Polymeric Insulators

- Light weight (65-80% less than ceramic insulator).
- Stable behaviour at extreme climatic conditions.
- Long term surface hydrophobicity.
- Suitable for polluted environment, salty atmospheres etc.
- Resistance to breakage and vandalism, practically unbreakable.
- Superior anti-tracking properties.
- High mechanical strength.
- Ease of installation (easier handling with lighter equipment and labour at the job site).
- Resistance to Seismic Shock.
- Compliance with IEC 61109, ANS C29-11-1989.



Surge Arresters

Surge Arresters upto 33kV

Application

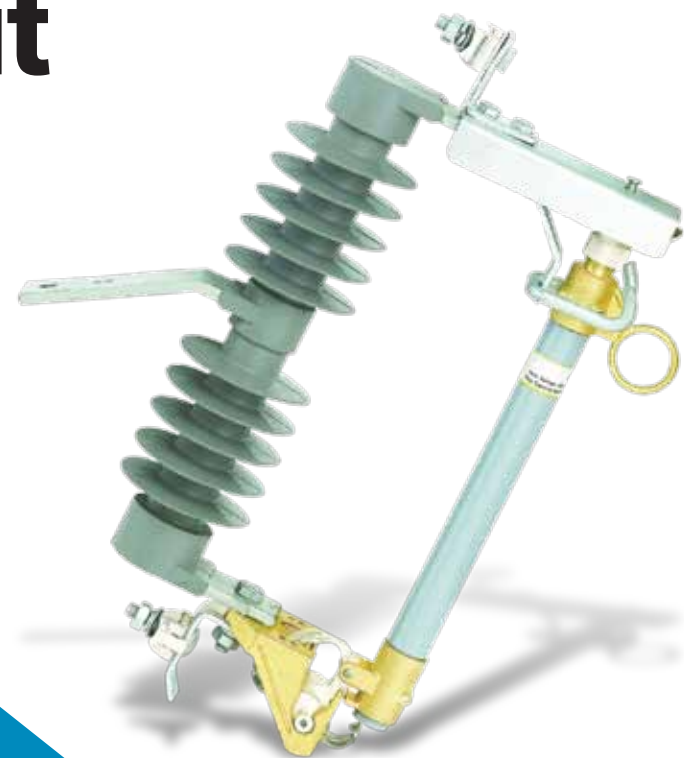
A lightning arrester/Surge Arrester is a device used on electrical power systems to protect the insulation of transformer and conductors of the system from the damaging effects of lightning. The typical lightning arrester has a high-voltage terminal and a ground terminal. When a lightning surge (or switching surge, which is very similar) travels along the power line to the arrester, the current from the surge is diverted through the arresters, in to earth.

Construction

- Our lightning arrester are Gapless metal-oxide type, consist of Zinc-oxide Varistors, FRP Core and Silicone Housing.
- Block Assembly is tested for partial discharge, conductivity and dimension and visual checks.
- Silicon for polymeric housing is tested for tracking and erosion values, hardness, water absorption, electrical and mechanical values.



Polymeric Drop Out Fuse



Polymeric Drop Out Fuse (Solid Core & Channel Type) upto 33kV

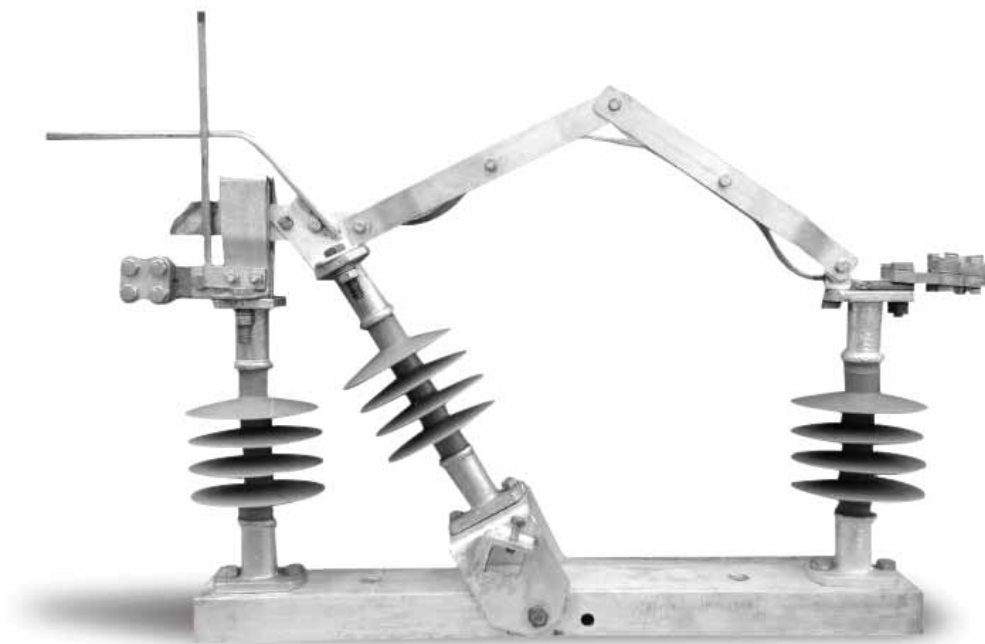
Application

Drop Out expulsion type fuse cut out suitable for installation in 50Hz, 11kV/22kV/33kV distribution system for protection of H. T. lines and transformer centers tap lines.

Construction

The Drop out fuse set has single pole construction. Each pole consist of Polymeric insulators, all current carrying parts made of a highly conductive copper alloy and contact portion are silver/tinned plated for corrosion resistance and efficient current flow. The fuse tube made of fiber glass coated with ultraviolet inhibitor on the outer surface and having arc quenching bone fiber liner inside

Polymeric GOAB Switch



Polymeric Gang Operated Air Break Switch upto 33kV

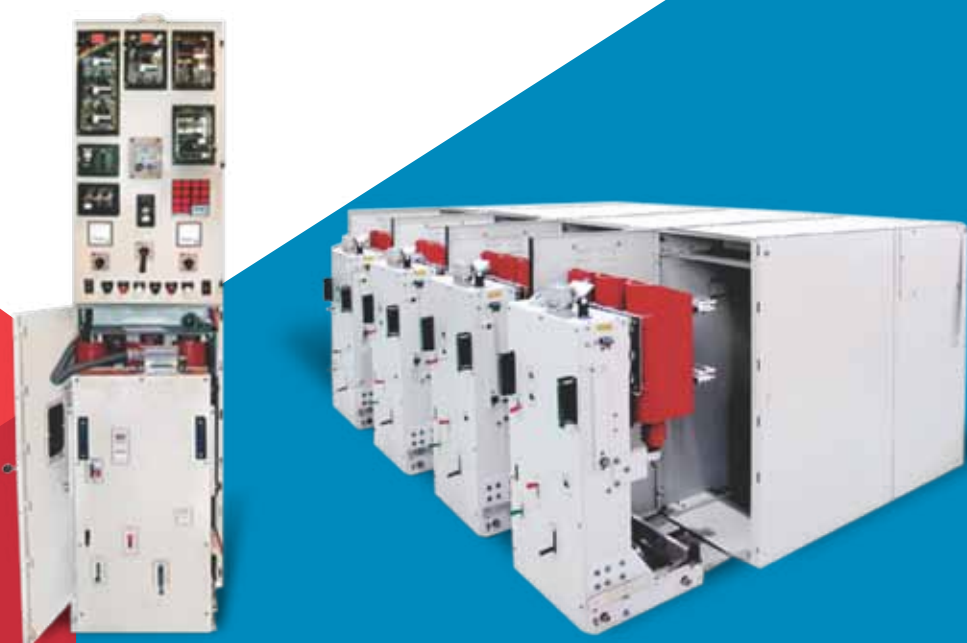
Application

Polymeric Air Break Switch is gang operated and outdoor Type. The main application of GOAB is to isolate the Transformer, Overhead lines, System or Cables from distribution network.

Construction

GOAB Switch have Two Pole/Triple pole construction and suitable for Vertical / Horizontal mounting. Each pole consist of galvanized steel base, Polymeric Post insulators, Self aligning type contacts made of hard drawn electrolytic copper and heavily silver/tinned plated. The various parts accordingly finished to ensure interchangeability of similar components. Flexible braded tape is of EC grade silver/tin plated copper of appropriate size to complete the current path from moving contact to fix contact.

Vacuum Circuit Breaker



12kV Metal-clad Indoor Vacuum Circuit Breaker

- Sheet Metal Enclosure-Pre-treated & Powder Coated.
- Bolted Construction.
- Extendable from both sides of panel.
- Insulated Busbar.
- No live parts accessible & exposed.
- In-built safety shutter.
- All Switching operations performed with front door closed.
- Circuit Breaker withdraw type with interlock & locked type.
- Separate compartment for Breaker, Busbar, CT/Cable & Instrument chamber.
- Access to cable terminals from the rear.



36 kV Outdoor PC VCB



12 kV Outdoor PC VCB



Outdoor Porcelain Clad Vacuum Circuit Breaker upto 36kV

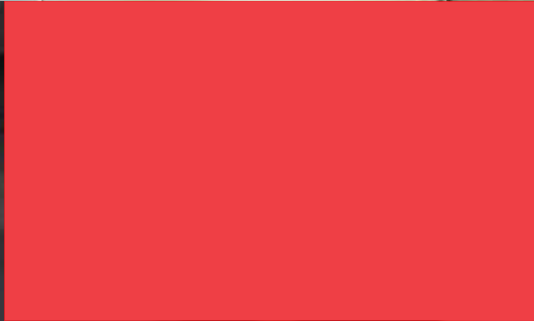
- User friendly and compact design.
- Poles are Hermetically sealed.
- Highly reliable & safe to operate.
- Minimum maintenance.
- No fire hazards.
- Suitable for auto re-closing duty.
- IP-55 degree of protection.
- HDG Steel structure for mounting CT/PT.
- Control & Relay Panel-Indoor/Outdoor.
- Terminal Connectors.

EPC

Engineering
Procurement
Construction

The Company has expertise in Electrical Projects for sub-station building, transmission lines & cable laying for utilities, metro railway and industries. The Projects include supply of switchgear, transformer, cable, conductor, relay control panel and associated accessories.

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Awards & Recognitions

- PHD Annual Awards for Excellence 2014
- National Productivity & Innovation Award 2014-15
- Award for Excellence from Engineering Export Promotion Council
- Certificate of Merit from National Productivity Council of India by Hon'ble President of India.
- Recognition of excellence award by the Institute of Marketing & Management
- Certificate of Merit from Haryana State Safety and Welfare Award National Award 2009
- National Awards 2009 for Outstanding Entrepreneurship
- SMERA B4 Credit Rating Award by SME
- SMB Award
- Kesari for Management
- ISO 9001 : 2008
- Certificate of Merit
- Awards for Excellence 2003-2004
- BSNL certificate



















Global Footprints






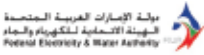








Clients

Domestic

			
Bharat Heavy Electricals Limited	Bombay Suburban Electric Supply	Dakshin Haryana Bijli Vitran Nigam	Indian Oil
			
Maharashtra State Electricity Board	NTPC	Oil & Natural Gas Corporation Ltd.	Power Grid
			
Punjab State Power Corporation	Reliance Energy	Steel Authority of India Limited	South Eastern Railway
			
TATA Power	Uttar Haryana Bijli Vitran Nigam	Uttarakhand Power Corporation Ltd.	West Bengal State Electricity Transmission Company Ltd.

Global

			
Abu Dhabi Water & Electricity Authority	Ceylon Electricity Board	Dubai General Electricity & Water Corporation	Electricity & Water Authority Bahrain
			
Electricity Authority of Cyprus	Electricity Company of Ghana Ltd.	Federal Electricity & Water Authority	Power Holding Company of Nigeria
			
Petroleum Development Oman	Qatar General Electricity & Water Corporation	Saudi Electricity Company	The Jordanian Electric Power Company Limited
			
The Kenya Power & Lighting Company Limited			

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