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.
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 jointer’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)

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.

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.

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.
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 upto 33kV

**Application**
Polymeric Gang Operated 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 & fixed type.
- Separate compartment for Breaker, Busbar, CT/Cable & Instrument chamber.
- Access to cable terminals from the rear.

### 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.
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.
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 Honorable 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

Europe
- Cyprus
- France
- Germany
- Italy
- Norway
- Poland
- U.K.

Asia
- Bangladesh
- Bhutan
- China
- India
- Indonesia
- Malaysia
- Nepal
- Philippines
- Sri Lanka
- Thailand
- Vietnam

Middle East
- Bahrain
- Iraq
- Jordan
- Kuwait
- Oman
- Palestine
- Qatar
- Saudi Arabia
- UAE

Africa
- Algeria
- Burkina Faso
- Egypt
- Ghana
- Ivory Coast
- Kenya
- Libya
- Mauritius
- Nigeria
- South Africa
- Sudan
- Tanzania
- Togo
- Tunisia
- Uganda
- Zambia
- Zimbabwe

Caribbean
- Trinidad & Tobago
<table>
<thead>
<tr>
<th>Domestic</th>
<th>Global</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bharat Heavy Electricals Limited</td>
<td>Abu Dhabi Water &amp; Electricity Authority</td>
</tr>
<tr>
<td>Bombay Suburban Electric Supply</td>
<td>Ceylon Electricity Board</td>
</tr>
<tr>
<td>Dakshin Haryana Biji Vitran Nigam</td>
<td>Dubai General Electricity &amp; Water Corporation</td>
</tr>
<tr>
<td>Indian Oil</td>
<td>Electricity &amp; Water Authority Bahrain</td>
</tr>
<tr>
<td>Maharashtra State Electricity Board</td>
<td>Electricity Authority of Cyprus</td>
</tr>
<tr>
<td>NTPC</td>
<td>Electricity Company of Ghana Ltd.</td>
</tr>
<tr>
<td>Oil &amp; Natural Gas Corporation Ltd.</td>
<td>Federal Electricity &amp; Water Authority</td>
</tr>
<tr>
<td>Power Grid</td>
<td>Power Holding Company of Nigeria</td>
</tr>
<tr>
<td>Punjab State Power Corporation</td>
<td>Petroleum Development Oman</td>
</tr>
<tr>
<td>Reliance Energy</td>
<td>Qatar General Electricity &amp; Water Corporation</td>
</tr>
<tr>
<td>Steel Authority of India Limited</td>
<td>Saudi Electricity Company</td>
</tr>
<tr>
<td>South Eastern Railway</td>
<td>The Jordanian Electric Power Company Limited</td>
</tr>
<tr>
<td>TATA Power</td>
<td>The Kenya Power &amp; Lighting Company Limited</td>
</tr>
</tbody>
</table>