

Product Catalogue



RR Electrical & Allied Industries

www.rrelectricalindustries.com

Content

Air Break Switch (11 / 33 KV)

Earthing Switches

Isolators (11 to 220 KV)

Drop Out Fuse (11 / 33 KV)

Horn Gap Fuse (11 / 22 / 33 KV)

LT Distribution Box / ACDB / DCDB





M/S RR ELECTRICAL & ALLIED INDUSTRIES

Section: ISO 9001:2015

Ref: ISO 9001:2015 Date: 03/03/2017

QUALITY POLICY

M/S RR ELECTRICAL & ALLIED INDUSTRIES

Scopes- Manufacturing & Supply of LT & HT Line Equipments
 (Isolators 11 KV to 220 KV, Air Break, Switch, Drop out Fuses, Horn Gap Fuses, L.T Distribution Box (Single Phase Three Phase) 10 kva to 500 kva), Cable Harness, Control Panels, Switch Board Cabinet & Other Customizes need Based Electrical Panels.

Is committed to at lowest cost for the National and International market which shall confirm to the specifications of the services and meet the specific customer's requirements in performances, safety, reliability, legal and regulatory aspects.

This will be achieved by continually improving on Quality Management System, process and technology through Total employee Involvement.

This policy shall be reviewed periodically for suitability and changed, if deemed necessary.

01 March 2017
Date

RR ELECTRICAL & ALLIED INDUSTRIES
ORGANIZATION HEAD

CERTIFICATE OF REGISTRATION

This is to Certify that

RR ELECTRICAL & ALLIED INDUSTRIES

Plot No. 57, Sector - 27A, Mathura Road, Faridabad - 121003, Haryana, India

has been assessed and found to comply with requirements of

ISO 9001 : 2015

Quality Management System

For the following activities:

Manufacturing & Supply of LT & HT Line Equipments (Isolators 11 KV to 220 KV, Air Break, Switch, Drop out Fuses, Horn Gap Fuses, L.T Distribution Box (Single Phase Three Phase) 10 kva to 500 kva), Cable Harness, Control panels, Switch Board Cabinet & Other Customizes need Based Electrical Panels.

Certificate Number : **QMS-17-03-15**

Original Certificate Date : 07/03/2017
 1st Surveillance Due on : 05/03/2018
 2nd Surveillance Due on : 03/03/2019
 Certificate Expiration Date : 06/03/2020

CERTIFICATE OF COMPLIANCE

RR ELECTRICAL & ALLIED INDUSTRIES

Plot No. 57, Sector - 27A, Mathura Road, Faridabad - 121003, Haryana, India

has been assessed and found to comply with requirements of

CE

for the following activities: As Per Annexure 1st

Complies with the applicable requirements of the Directive 2002/95/EC, as amended (2002/95/EC) referring to the intended use, the Certification body has conducted with successful results the review of the Manufacturer's Technical Documentation of the certified products according to the above mentioned Directive and Appropriate Harmonized Standards.

- The Manufacturer's Technical Documentation, as required for Electronics & Electrical Products 2002/95/EC, has been reviewed and found to comply with the requirements in Annexure 1st, Section 1.
- It applies only to the above mentioned Electronics & Electrical Products.
- The Manufacturer is obligated to assure conformity of all Electronics & Electrical Products of the respective model to the type assessed by the issue of this Certificate.
- Any significant changes in the design or processes to manufacture the product or revision to the directive's standards referred above may require special audit.

Certificate Number : **CE-17-03-16**

Original Certificate Date : 07/03/2017
 Certificate Expiration Date : 06/03/2020

RR ELECTRICAL & ALLIED INDUSTRIES

Certificate Number : **CE-17-03-16**

Products List As Per CE Annexure 1st

Manufacturing & Supply of :-

- LT & HT Line Equipments
- Isolators 11 KV to 220 KV
- Air Break, Switch
- Drop out Fuses
- Horn Gap Fuses
- L.T Distribution Box (Single Phase Three Phase) 10 kva to 500 kva)
- Cable Harness
- Control Panels, Switch Board Cabinet & Other Customizes need Based Electrical Panels.

Welcome to RR Electrical & Allied Industries

RR Electrical & Allied Industries offers an extensive range of HT/LT Line Equipments Isolators A.B Switches D.O Fuses H.G Fuses Different range of distribution boxes ACDB DCDB etc. The Company is certified to ISO 9001:2015 quality system. All the products are manufactured to internationally recognized quality standards ensuring that our products are safe and reliable

About Us

We, RR Electrical & Allied Industries, are highly reputed Manufacturer and Suppliers of a vast array of Electrical Products. These are manufactured using raw materials of the best quality in strict adherence to industrial quality standards.

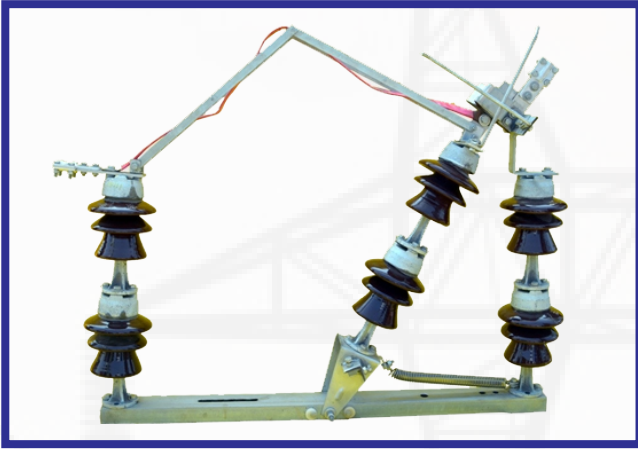
We manufacture products which are outstanding in quality and performance. We always strive to provide, our patrons timely delivery along with the latest technology. We are an ISO 9001:2015 Company and are also in the process of getting approval from RDSO and DRDO as well.

Our Engineering group designs products for ease of use practically. We can provide technical assistance for any projects, especially those that have special requirements.

Our ultra-modern infrastructure facility has the most modern machines and tools required to carry out an easy production process. Our range of products is acclaimed for their excellent quality, because of which many electrical applications bring them into use.

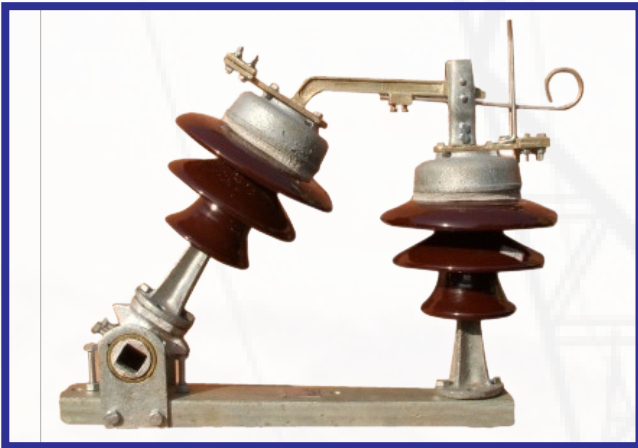
Their quality is audited by an experienced group of personnel in strict compliance with industrial standards. The quality of our products is checked prior to dispatch by our adroit team of professionals. Our workforce comprises of a team of dedicated professionals who do not leave any stone unturned to ensure that clients get the best products from us. The quality of our products is highly renowned. To ensure client satisfaction, our professionals work as co-ordinated teams.

PRODUCTS



Air Break Switch (11 / 33 KV)

Air Break Switch Disconnections are a vital part of any overhead line network, providing crucial points of isolation. Most overhead line networks are designed so that when a fault occurs or maintenance work needs to be carried out it is relatively simple, by means of a systematic series of switching operations, to isolate a certain section of overhead line. When this switching process is carried out it is absolutely imperative that the Air Break Switch Disconnecter is reliable and effective.

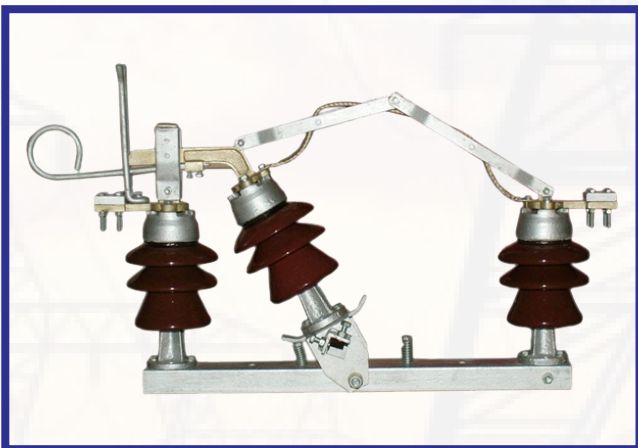


Types of AB Switch

Air break switches can be of two types

- Single Pole/Three Pole Air Break Switch
- Gang Operated Air Break Switch

Air Break Switches are special switches designed isolate a circuit. They are usually employed in outdoor installations. Special Arcing Horns are provided to quench the arc which occurs when the current is interrupted. These switches are usually operated by a handle which is located at the ground level. Their operation can also be mechanized.



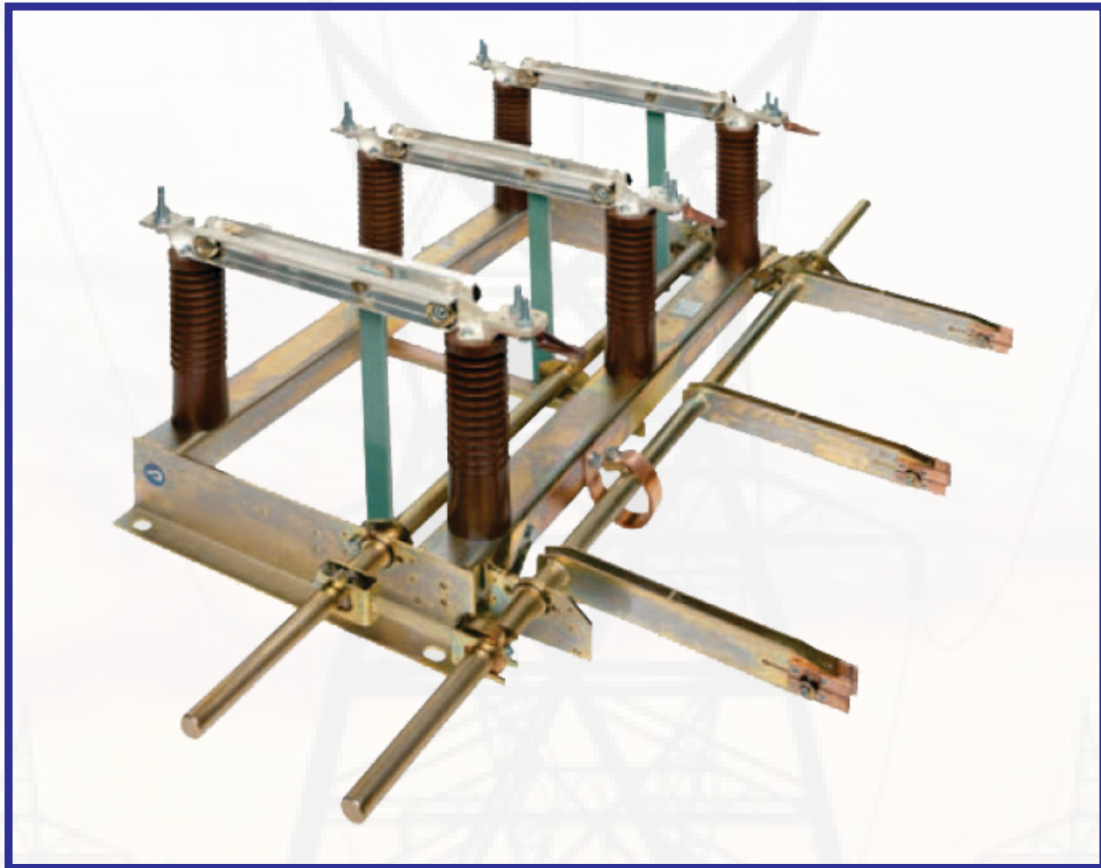
PRODUCTS

Earthing Switches

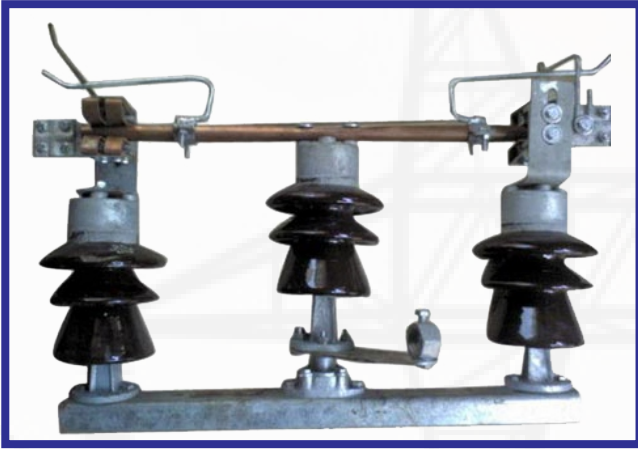
Earthing switches are safety devices which are integral parts of circuit breakers. When a circuit breaker is removed and racked out, the sections of the bus bar adjacent to the circuit breaker are automatically earthed by means of these switches.

This protects the maintenance personnel from accidental voltages. The closing action of the earthing switch is of snap action type. Earthing switches are usually dimensioned to withstand short circuit currents. Earthing switches can also be motorised.

Earthing switches are usually used in conjunction with isolators. When the isolator isolates the circuits, the earthing switches make contact with the busbar and discharge any charges which may have accumulated there.



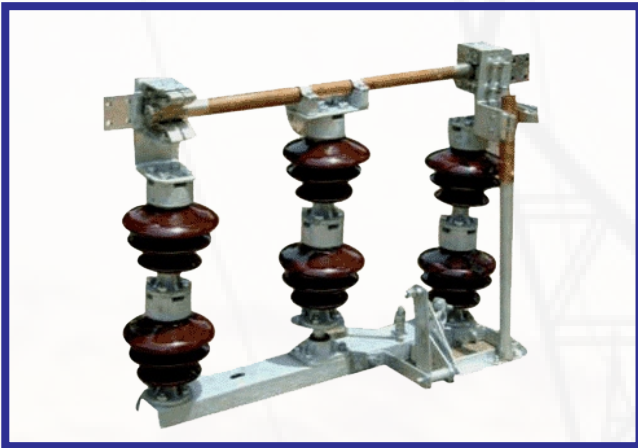
PRODUCTS



Isolators (11 to 220 KV)

Isolator is a mechanical switch which isolates a part of circuit from system as when required. Electrical isolators separate a part of the system from rest for safe maintenance works.

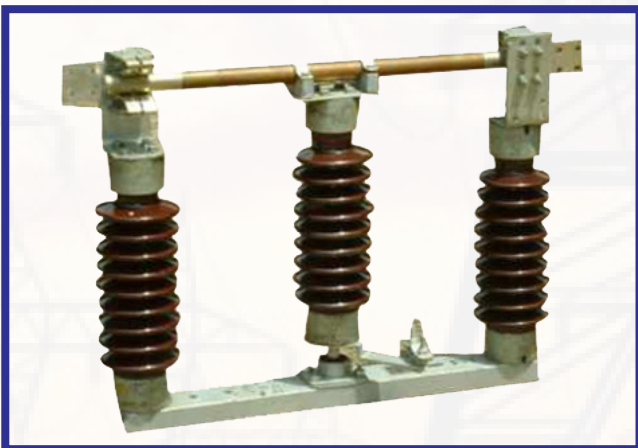
Isolator is a manually operated mechanical switch which separates a part of the electrical power. Isolators are used to open a circuit under no load. Its main purpose is to isolate one portion of the circuit from the other and is not intended to be opened while current is flowing in the line. Isolators are generally used on both ends of the breaker in order that repair or replacement of circuit breaker can be done without and danger.



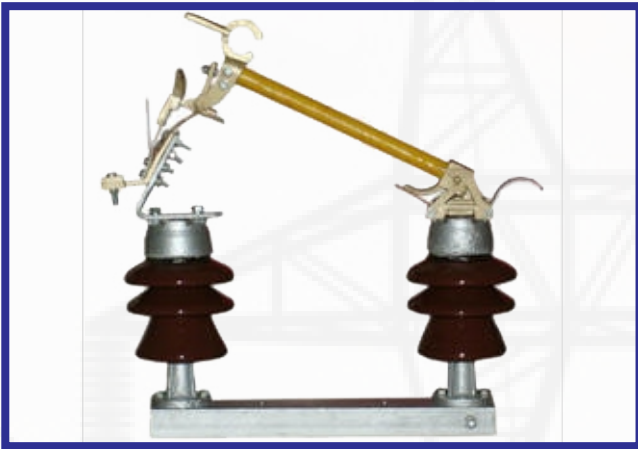
Types of Electrical Isolators

There are different types of isolators available depending upon system requirement such as

- Double Break Isolator
- Pantograph type Isolator

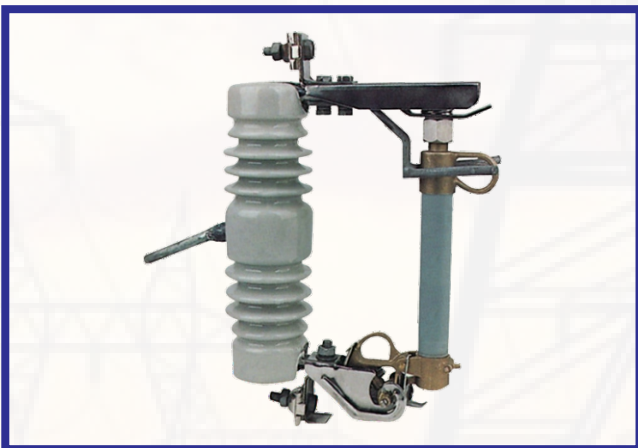


PRODUCTS



Drop Out Fuse (11 / 33 KV)

The Drop Out Fuse is an expulsion type and its main function is to protect Transformers on rural distribution network. It is also particularly useful for inaccessible Sub-stations where indication of fusing is of advantage.



PRODUCTS



Horn Gap Fuse (11 / 22 / 33 KV)

We manufacture Horn Gap Fuse set which are used in over head power line and used along with electrical Air Break Switches. The design of HG Fuse set is depends on their uses and application.



Types of Electrical Horn Gap Fuse

There are different types of Horn Gap Fuse available depending upon system requirement such as

- Solid Core.
- Pin Type.
- Post Type.



PRODUCTS



LT Distribution Box / ACDB / DCDB (Single Phase/Three Phase, 10 Kva-500 Kva)

We manufacture a wide assortment of LT Distribution Box for 10Kva-500Kva transformers. The offered product is used in overhead transmission line with transformers for controlling flow of electricity and is also used for monitoring of the variations in voltages.





RR Electrical & Allied Industries

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