



ISO 9001-2015 CERTIFIED COMPANY

## **Ohmicontrols Private Limited**

**Formerly Known As (Attharva Electro Controls)**



**Works & Off.:** Survey No.40/1, Ambai Mata Mandir Road,  
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**Website :** <http://www.ohmicontrols.com>

## Neutral Isolator Switch Panels.



### Manufacturer & Exporter of NIS Panels & Neutral Isolator Panels.

Keeping in mind the requirements of our clients, we are offering wide range of Neutral Isolator Panels (NIS Panel). Our product is manufactured in recommended specifications using latest techniques. Customers like our product for their reliability and high grade quality. Moreover, the offered product is tested to ensure their correct delivery to the clients. These panels are being supplied by us regulatory to core sector/process industries like oil/refinery, chemicals, sugar etc.

**Testing :** All routine tests are conducted in-house. Following special tests are also conducted if required

#### **Isolators :**

HT indoor isolators of following rating

3.3 KV / 6.6 KV / 12 KV / 22 KV / 33 KV.

400 Amp. / 630 Amp. / 1200 Amp. / 1800 Amp. / 3200 Amp.

## NGR+NIS Panels.



### Manufacturer & Exporter of Neutral Grounding Resistors.

#### Features :

Neutral grounding resistors are used in star connected systems to protect the transformer / alternator from severe damage caused in event of an earth fault. We manufacture neutral grounding resistors for all current ratings upto 3000A and for a voltage range from 230V to 36Kv. The resistors can be designed in rod formed grid, wire wound and punched grid form.

#### Advantages of using a neutral grounding resistor :

- Reduced operation and maintenance expenses.
- Fast isolation of the original fault.
- Reduced transient over voltages.
- Reduced physical damage on the equipment at fault.
- Simplification of ground fault location.
- Increased life and protection of transformers, generators and Related equipment.
- Reduced frequency of faults.
- Improved service reliability.
- Increased protection in the use of lightning arresters.
- Increased safety for personnel.

We are offering Neutral Grounding Resistor Panel to our clients.

There are power distribution networks those feed in certain earth-fault prone zone where the high earth fault current may lead to fire hazards and or damages to the cables or equipments. In those distribution networks the earth fault current is restricted within a stipulated limit. The neutral terminal (star point) of the power transformer is grounded through a suitable neutral grounding resistor (NGR) as a safety measure, so that the fire hazards and the damages to the equipment may not take place.

## Neutral Grounding Resistor Panels

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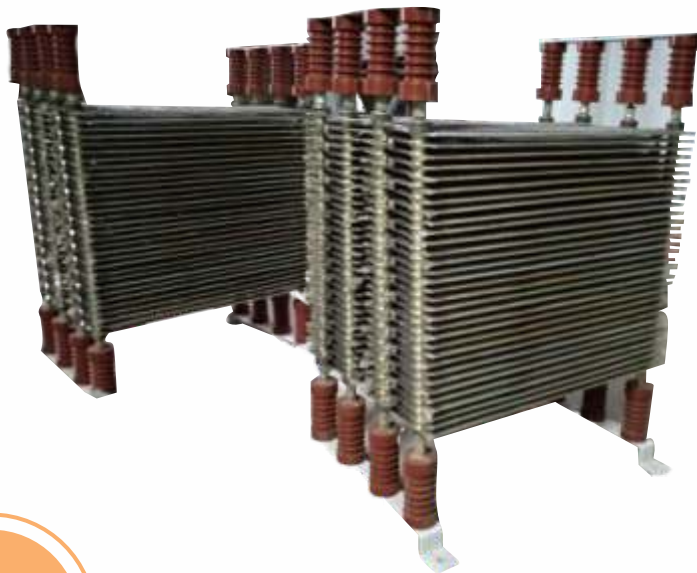
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We are offering loose resistor banks for neutral grounding resistor panel to our clients. There are power distribution networks those feed in certain earth-fault prone zone where the high Earth fault current may lead to fire hazards and or damages to the cables or equipments. In those Distribution networks the earth fault current is restricted within a stipulated limit. The neutral terminal (star point) of the power transformer is grounded through a suitable neutral grounding resistor (ngr) as a safety measure, so that the fire hazards and the damages to the equipment may Not take place.



## Neutral Grounding Transformer & Loading Resistor Panels



### Manufacturer & Exporter of Neutral Grounding Transformer & Loading Resistors.

Manufactured using high-quality raw materials, we offer these Neutral Grounding Transformer with Load Resistor Panel. Being processed through a number of quality checks, these products supplied by us are known for their sturdiness and durability. We are one of the leading manufacturers of these products, and we believe the quality to be our priority. This product is known for the protection it provides to the generators from an unbalanced, three phase load. These products are made available in the market at very competitive prices, increasing their demand.

#### Features:

NGTR Panel/ Cubicle encloses Neutral Grounding Transformer (NGT) and Neutral Grounding Resistor (NGR) for grounding/ earthing of Neutral current during unbalanced three phase load of the generator. This is essentially required for protection of the generator.

Neutral Grounding Transformer (NGT) steps down the voltage of neutral bus from 6.6 kV/ 11 kV/ 33 kV level to 110/220/415 Volt level. This stepped down voltage is connected to a neutral grounding resistance and a ground earth terminal for bringing the voltage level of neutral bus as close as possible to zero voltage level.

## LAVT Panels



### Manufacturer & Exporter of LAVT Panels for Power Industries.

#### Advantages of using :

Installation of NGR in the system reduces mechanical stresses in circuits and equipment subjected to fault currents. This also reduces the electrical-shock hazards to personnel caused by stray ground fault currents in the ground return path.

Reduction in the momentary line-voltage dip occasioned by the occurrence and clearing of a ground fault.

To secure control of transient over-voltages while at the same time avoiding the shutdown of a facility circuit on the occurrence of the first ground fault.

Installation of NGR protects critical and expensive equipment such as transformers and generators from damage due to earth faults.

#### Specifications :

Power Rate: 11 KV Upto 24 KV system

Materiel - Surge Capacitor, Surge Arrester Voltage Stroke  
Potential transfer

We offer a deal in wide range of Lightning Arrestor. These lightning arrestors are used to protect the electrical cable, electrical transformer in case lightning struck the antenna. We use high quality porcelain, polymer, insulating material to manufacture these products. We are the leading manufacturer and supplier of Lightning Arrestor to our clients in various regions.

## Resistive Load Banks



### Manufacturer & Exporter of Resistive Load Banks

#### Features:

- Force Cooling
- Mobility with castor wheels
- Fix Value type
- Reliable functionality
- Long service life

#### Technical :

Power ratings available : 1KW / 2KW / 5 KW / 10KW  
Voltage Primary : 440V AC 3Phase/ 220V AC Single phase / 220V DC  
Enclosed in cabinet with steps provided for loading, meters provided for each phase & terminations brought out on banana terminals.

#### What is load bank :

Load banks are compact units that are coupled to the output of your power generation system such as diesel generators, gas turbines or UPS and battery systems Load banks are dummy loads, designed to simulate the plant load and prove the design, performance and the capacity of the system, without interruption to the normal running of your plant.

We are the leading manufacturer and supplying an extensive array of Resistive Load Bank. Broadly use as testing equipment in Load test of Generators and batteries , the offered load bank is designed with the help of finest quality material and leading technology accordance with quality standards. We manufacture this load bank after taking all the requirements of customers. We provide this load bank in various specifications as per customers request. Our patrons can take this load bank from us within given time & affordable rates.





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