



**Excellent Quality  
Exceptional Support**



**Isolation Transformer**



An ISO 9001 - 2000 Company

... With you since 1982



## TECHNICAL SPECIFICATIONS

Input	Output	Rating Available
415 V AC 3 Ph	415 V AC 3 Ph	1 KVA 3 Ph and
415V AC 3 Ph	220V AC 3 Ph	upto 500 KVA 3Ph.
230V AC 1 Ph	230V AC 1 Ph	1 KVA 1 Ph and
230V AC 1Ph	110V AC 1 Ph	upto 50 KVA 1 Ph

System Connections	: Delta / Star or Star / Delta or Star / Star
• Ratios	: 1:1 and 2:1
• Regulation	: Better than 3.5%
• Power Factor	: 0.75 Lead to 0.75 Lag
• Di-electric Strength	: 3KV for 60 Sec
• Insulation Resistance	: Better than 1000 Mega Ohms
• Coupling Capacitance	: 0.01 PF for 100 Db
• Leakage Current	: Less than 20 Micro Amps
• Common Mode Attenuation	: 100 Db / 120 Db
• Construction Standards	: As per IS 2026 Part I & II
• Type of Execution	: Closed Type
• Operating Temperature	: 0°C to 45°C
• Type of cooling	: Natural air / Forced air

SERVOMAX INDIA LIMITED. is Established in the year 1982. It is one of the largest Manufacturer of power conditioning and power saving equipments with advanced technology.

SERVOMAX brand is synonymous with superior quality, reliability and service- which are our main focus. The above attributes have helped us in realizing customer satisfaction and loyalty. Servomax today has more than 25000 customers spread across the Globe.

Our dedicated R&D team continuously strives towards upgrading products, technology and providing new features to customers. We always deliver safe and reliable products.

SERVOMAX has a formidable customer list with customers spanning the length and breadth of the country and Internationally, not surprisingly because with SERVOMAX it is always the latest and the best

### ISOLATION TRANSFORMERS

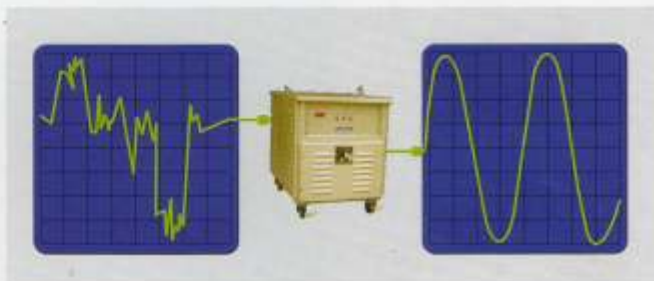
SERVOMAX has a wide range of ISOLATION TRANSFORMERS which reduces the effects of Power Line problems like noise, spikes, surges, transients and neutral to a minimum.

Power generation in our country, is no doubt good and availability of continuous power is certainly better, but the stringent requirements of the sophisticated equipment being used today underlines the necessity of clean power.

Owing to inductive loads, capacitive loads, SMPS loads, electronic ballasts and with PWM switching system, the present AC power lines are superimposed with dangerous spikes, surges, transients, sags RFI noise and harmonics. As a result, failure rates of electronic equipments are on the rise without adequate protection, all electronic equipments are at a great RISK.

Usually the failures are not seen rightaway. Repeated stresses from normal electrical transients weaken components and lead to shortening of components life. Line noises like spikes, surges, transients and so on definitely cause stress on semi conductor components and machine system experience catastrophic failures and software failures, extensive damage to PLC's and storage media, leading to heavy losses of production, data and man-hours.

With' SERVOMAX ISOLATION TRANSFORMER all types of common electrical noises, particularly common mode noise, spikes, surges, and transients can be eliminated to a greater extent.



### APPLICATIONS

- CNC Machines
- Bio Medical Equipments
- Printing Machineries
- Large Computer Installations
- Telecommunication Equipments
- Scientific Equipments
- Textile Machineries
- Cell Phone Networks
- Garment Equipments and many more

### REACH PNEUMATICS

# 42/2, 6TH Cross, 5th Main,  
Malleswaram, Bangalore-560003. India.

Phone: +91 80 23469620, Telefax: +91 80 23465570. Cell: 9845075620

e-mail: [reachp@vsnl.com](mailto:reachp@vsnl.com). [reachpneumatics@gmail.com](mailto:reachpneumatics@gmail.com)

### Marketing & Customer Support Network :

Ahmedabad Aurangabad Bangalore Baroda Belgaum Chennai Coimbatore Hubli Kakinada Kolhapur Kolkata  
Ludhiana Madhurai Mysore Mumbai New Delhi Pune Rajkot Rajapalayam Tirupur Trissure Vijayawada Vizag

Mechanical Dimensions, Specifications & layout as well as location of controls and panel meters may be changed without notice to adopt state of the art technology.