



Romarsh Elcomponics

Transformers : 50VA - 1MVA



Transformers 50VA 1MVA

- single & three phase
- power & distribution
- harmonic suppression (K-factor)
- isolation
- frequency matching
- motor starting
- special loads
- inverter / converter
- medium to high frequency

Inductors : 1VAr - 1MVAr



Inductors 1VAr 1MVAr

single & three phase

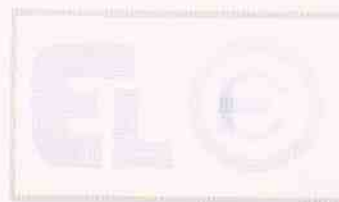
- DC line chokes
- AC harmonic & ripple filtering
- inverter / converter line chokes
- common mode chokes
- power factor correction
- source or load matchingz
- balancing reactors

Power supplies : Defence & Industrial



Power Supplies

- single & three phase
- stand-by power
- battery charging
- high frequency
- charging
- automotive platform & tail lift power



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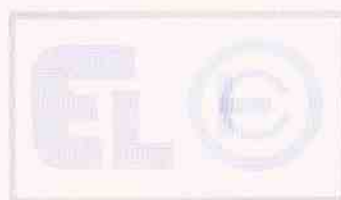
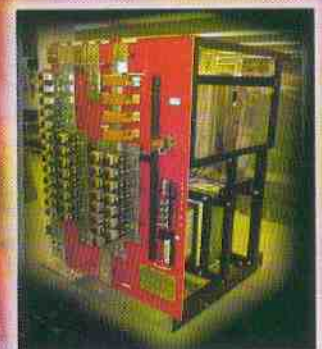
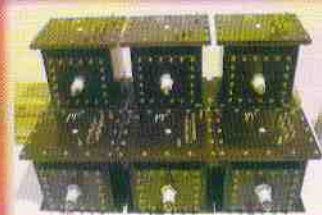
bespoke magnetic devices

Special Applications

Romarsh is able to provide solutions to meet the electrical and mechanical specifications of its customers and to consolidate the proven design for cost effective volume production. Transformers in both single-phase and three-phase configuration, chokes, inductors and AC/DC power systems are manufactured to the requirement of each application with the emphasis on quality and reliability. We have a well established expertise in high current and high voltage applications along with a wealth of knowledge in producing medium frequency solutions.

Applications of Romarsh products include :-

- Low voltage distribution.
- AC/DC power supplies & UPS.
- Inverter / converter systems.
- Telecommunications.
- Process control.
- Machine drives / Motor control.
- Turbo / micro turbine generators.
- UV technology.
- Ozone & corona generation
- Construction.
- Electro-Medical equipment
- Refrigeration/air conditioning.
- Lighting.
- Environmental test equipment.
- Wind turbine generation.
- Mining.
- Broadcast transmission equipment.





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bespoke magnetic devices

Traction

Romarsh has over 30 years experience in the design and manufacture of wound components for use in rolling stock and trackside applications. From its initial supply of MA set chokes for the UK market in the early 1970's Romarsh now has products in use throughout the world.

Products and applications include :

- *Components used in frequency converters up to 500KW.*
- *DC booster chokes.*
- *Air cored and iron cored inductors both naturally air-cooled and forced air-cooled.*
- *Three-phase line reactors for harmonic filtering utilising high-grade low loss electrical steels with zero magnetostriction for minimum noise emission.*
- *Single-phase and three-phase converter output isolation transformers with normal or high leakage reactance.*
- *Transformer and filter inductors in medium frequency charging systems.*
- *Motor chokes and inductive diverts.*
- *Transformers and DC power supplies for trackside signalling.*
- *K-Factor transformers for use with UPS signal protection.*

