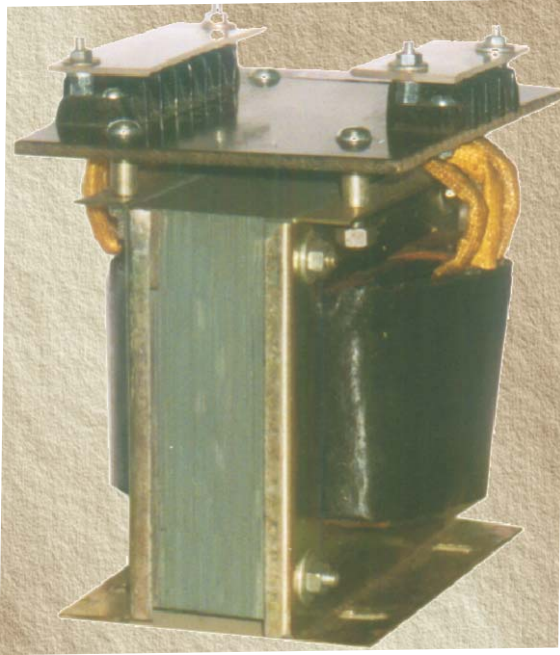


CONTROL TRANSFORMERS



Control Transformer

is a Transformer which supplies power to control and / or auxiliary equipment not intended for direct connection to the main source. Control Transformers are specifically used to provide control supply voltage for the control circuits of AC motor starters, i.e. Starter coils, timers, indicating lamps electronics protection relays etc.

Control Transformers for contractor applications have to Energize the coil and Maintain a contact for definite period of time. The initial energizing of the coil takes 5 to 40 mil. seconds and requires 3 to 10 times the normal current. While calculating the VA rating of the Control transformer, this factor should be taken in to account.

They are available for single phase and three phase inputs and are in the range from 15 VA to 30 KVA.

Construction

Control Transformers are two winding transformers with both windings made of copper. Power House transformers are made of using high quality materials. Electrolytic grade super enameled wire with best insulations are used. Core material are CRGO EI or Strip cores. Experienced hands with best machines for winding ensures best results with minimum size. Appropriate class of insulation materials are used. Transformers are impregnated in insulating varnish for long lasting performance. Input and out are terminated on Bakelite board with proper size of terminals.

Information required while ordering:

- A) Input supply-
Voltage, Frequency and Number of Phases i.e. Single or Three Phases. In case of Three Phase system Type of connection- Star / Delta / Vector group.
- B) Out put
voltage and current in of each secondary winding(if multiple out put windings are required).
- C) Class of insulations:
- D) Service conditions if other than standard service conditions.

Application Specific Transformers:

We make transformers as per specific requirements and some of standard applications are

- * Auto Transformers for auto transformer starter,
- * High voltage transformers,
- * Inverter Transformers,
- * Battery Charger Transformers,
- * High current transformers for load testing,
- * Potential Transformers for metering and instrumentation,
- *Short Circuit-proof transformers,
- *Pulse transformers for power electronics

**We make
transformers:**

PERFECTLY,

Timely,

ECONOMI CALLY



POWER SERVICES
Innovative Power Solutions

Ph. (033) 2237-0508, 2236-0575.
Email: info@indiapowerhouse.net
Visit us at www.indiapowerhouse.com