

Power Transformer

Brand.....Grand Holly

Description

Power transformer are defined as those transformers that are used to raise or lower voltages in the supply networks of power systems. A transformer is a device for stepping-down or stepping-up electric signal. Without efficient transformers, the transmission and distribution of ac electric power over long distances would be impossible.

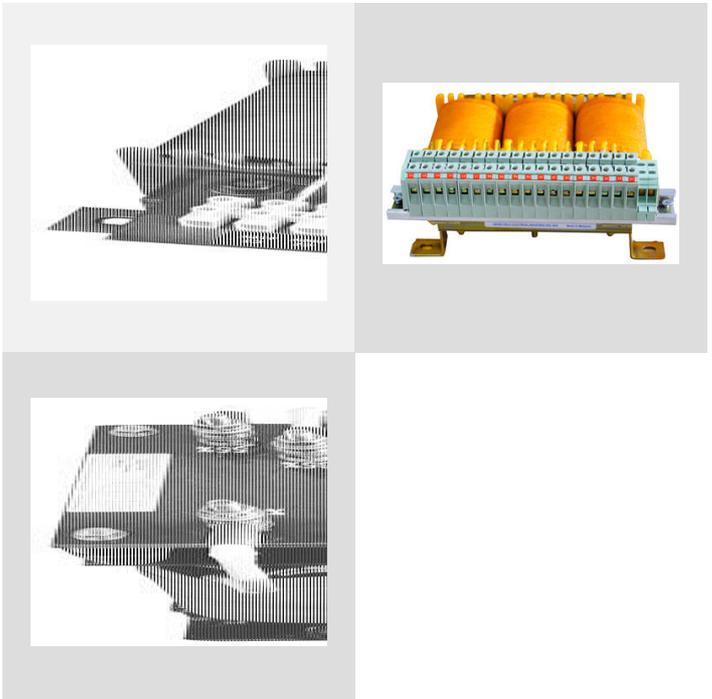
Auto Starting Transformer

Brand.....Grand Holly

Description

Motor starting auto transformer are for reduced the line voltage during the starting period. The auto transformer voltage taps provide a choice of three or four different starting current and torques, depending on the load requirements.

Auto transformer starting limits motor starting high current demands which would cause line voltage drops resulting in light dimming and having damaging effects on voltage sensitive components, magnetic devices and motors.

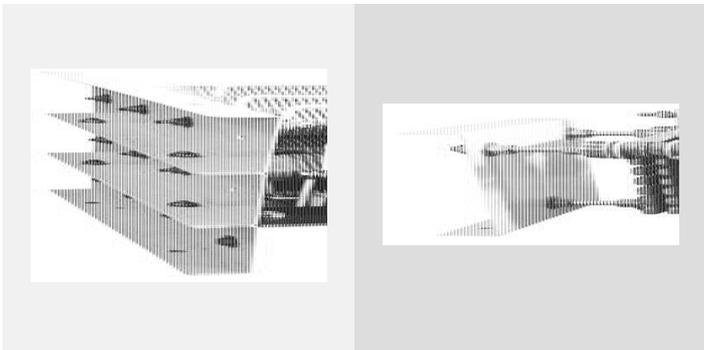


Rotor Resistance Bank

Brand.....Grand Holly

Description

Rotor Resistance Bank are used in slip ring motor where high starting torque and lower starting current are desired. Unlike auto-transformer for motor starter, they are specialised products designed to suit a particular requirements . As such there is no standard items where one can purchased off the shelf.



Closed Transition Resistor for Star Delta Starter

Brand.....Grand Holly

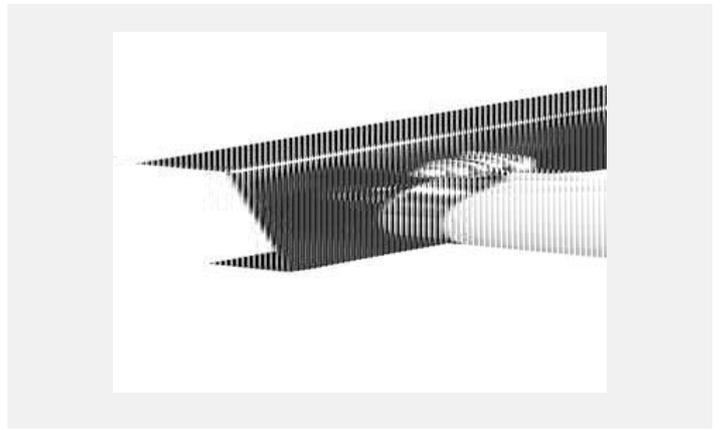
Description

For resistor applications used on Star(Wye)- Delta type motors, (Closed Transition) the resistors are connected to the motor winding before the delta contactor is closed.

The resistors are used to avoid the possibility of high inrush current when the winding is momentarily open - circuited when switching from Star (Wye) to Delta Winding configuration on the motor ,therefore providing a smoother acceleration of the motor.

Data Requirement:

Line Voltage
Horsepower / Kilowatt
Current



Filter Line Reactor / Line Choke

Brand.....Grand Holly

Description

A line reactor is a 3 phase series inductance on the line side of a variable speed drives. Line reactor are available in various values of percent impedance, most typically 3% to 5%. Line reactor offer an economical solution to variety of problems especially in variable speed drive installations. It is applicable to either the input or the output of the drives.

Filtering with Holly line reactor provides the following advantages :

- To add line impedance
- To provide some light buffering against low magnitude line spikes
- To reducing harmonics
- To compensating for a low inductance motor
- To increase the life span of semiconductor

Harmonic Filter Reactor

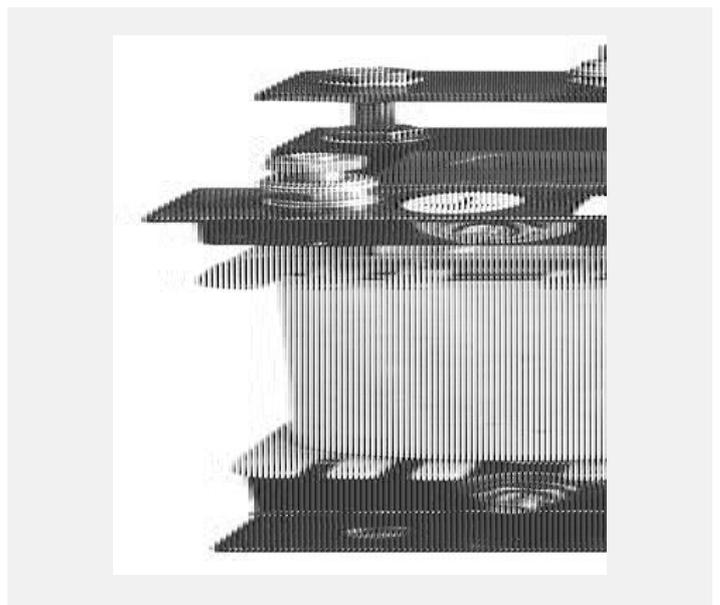
Brand.....Grand Holly

Description

The used of current sources inverters and converters is increasing continuously, causing harmonics that results in additional losses, particular in capacitor for power factor correction systems.

Filtering with Holly harmonic circuit filter reactor provides the following advantages:

- reduce losses, hence no capacitor overload
- impedance behaviour of the mains is improved.



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Nature Of Business.....Electric Transformer
Target Market.....Factory/Machinery/Dealer
Year Of Establishment-1996.....30 Years Experience

