



PETE - Hammond
Transformative Synergy



REACTOR

What is a Line Reactor ?

A single winding device typically with an iron core, which produces a specific amount of inductive reactance in a circuit, usually to reduce or control harmonics and transients.

Where is a Line Reactor used ?

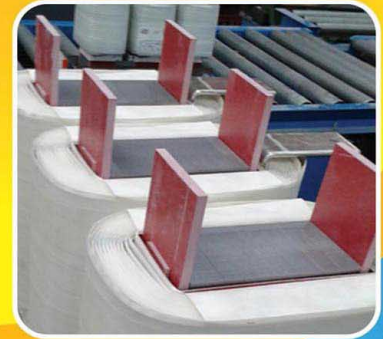
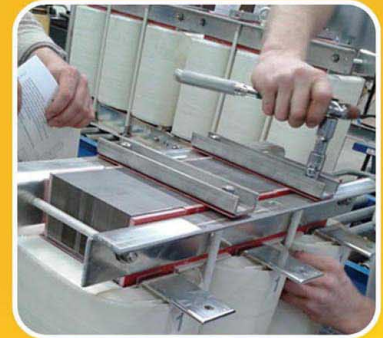
Three phase Line Reactors are designed for both the input and output side of variable speed drives without derating. Line Reactors provide line protection at a lower cost and smaller physical size than isolation transformers. Line Reactors are excellent at providing protection of the drive from power system transients.

Why choose a Line Reactor ?

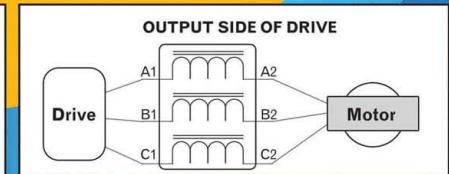
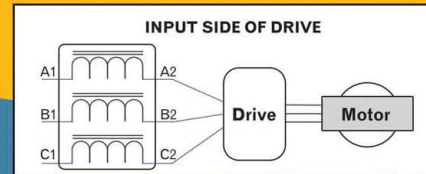
- Eliminate nuisance tripping
- Extend the life of switching components
- Eliminate saturation
- Extend the life of your motor
- Lower heat dissipation
- Minimize harmonic distortion
- Short circuit capability
- Reduce line notching

Applications

- Drives
- Wind
- Solar
- Control System



Connection Diagrams



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