

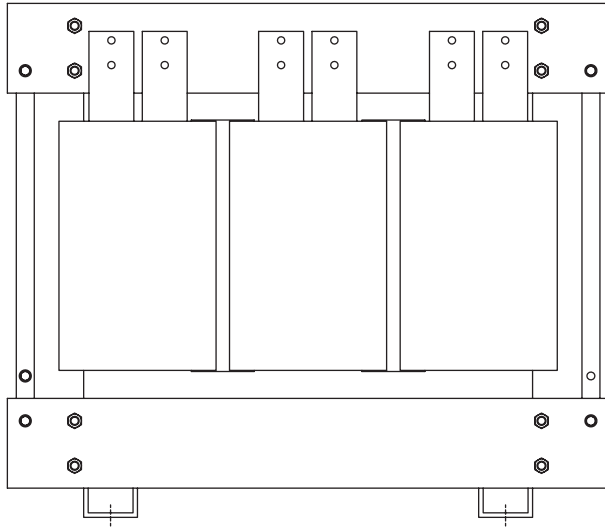
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Performance Guarantee

Properly sized for the application, STI Line Reactors are guaranteed to eliminate any drive overvoltage tripping problems.

Line Reactor Selection

STI has compiled tables for each drive manufacturer by voltage and HP. Please contact us for more information.



HP	2-10	15-50	60-100	125-300	350-500	500+
H	10	12	15	18	22	30
W	8	9	10	18	20	36
D	8	9	10	15	18	32

Client	
Project	
Notes	
Date	

Line Reactors can:

- Eliminate nuisance tripping
- Extend the life of switching components
- Extend the life of your motor
- Minimize harmonic distortion
- Reduce line notching

Key Features:

- Normal inductance +/- 10% of rated current
- 95% of nominal inductance @ 150% rated current
- 50% of nominal inductance @ 350% of rated current
- 150 °C temperature rise on all units; average ambient of 60 °C
- Insulation system: 220 °C
- 60 Hz fundamental current maximum
- 1.2kV maximum system voltage
- UL listed
- CSA certified
- 10 year warranty
- Custom sizes, ratings & styles available upon request

Line Reactor Specifications

- 3 Phase, 600V Class
- High Performance
- Compact Design
- Available in Low Impedance and High Impedance
- Available in 240, 480 and 575 VAC

Low Impedance Line Reactors For:

These units can be used in any applications where traditionally either a 1.5% or 3% reactor would be applied.

Reduction of nuisance tripping caused by:

- Transient voltages caused by capacitor switching
- DC bus overvoltage tripping
- Lowering injected percentage of harmonic current
- Improving true power factor

High Impedance Line Reactors For:

These units can be used in any rugged application where traditionally a 5% reactor would be applied.

STI High Impedance Line Reactors offer the same superior benefits as Low Impedance Line Reactors plus additional benefits which include:

- Helping prevent drive component damage
- Providing maximum harmonic mitigation without adding capacitance
- Further improving true power factor

