



Line Reactors - Ingersoll Rand

Line Reactors used in air compressor installations increase in system reliability by acting as interface buffers between solid state power circuits and the line or the motor (not unlike the surge protector for you desktop PC). Ingersoll Rand three-phase AC line reactors are intended for use as input filters for adjustable speed DC drives and as input or output filters for AC-PWM variable frequency drives.

Features

- Designed for any type of air compressor
- 50/60 Hz
- 30-500 hp (22.5-375 kW)
- NEMA 1 enclosure
- Units available for 230, 460 and 575V

Benefits

- Attenuation of line harmonics
- Reduced motor operating temperature
- Reduced audible motor noise
- Waveform improvement
- Virtual elimination of nuisance tripping of drives due to utility power factor correction capacitor switching
- Extended switching component life (transistors, SCRs)
- Extended motor life
- Filtered electrical noise (pulse distortion and line notching)
- Minimized power disturbances
- Elimination of equipment downtime



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