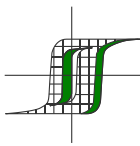




Improved Power Quality with **Harmonic-Mitigating Transformers**



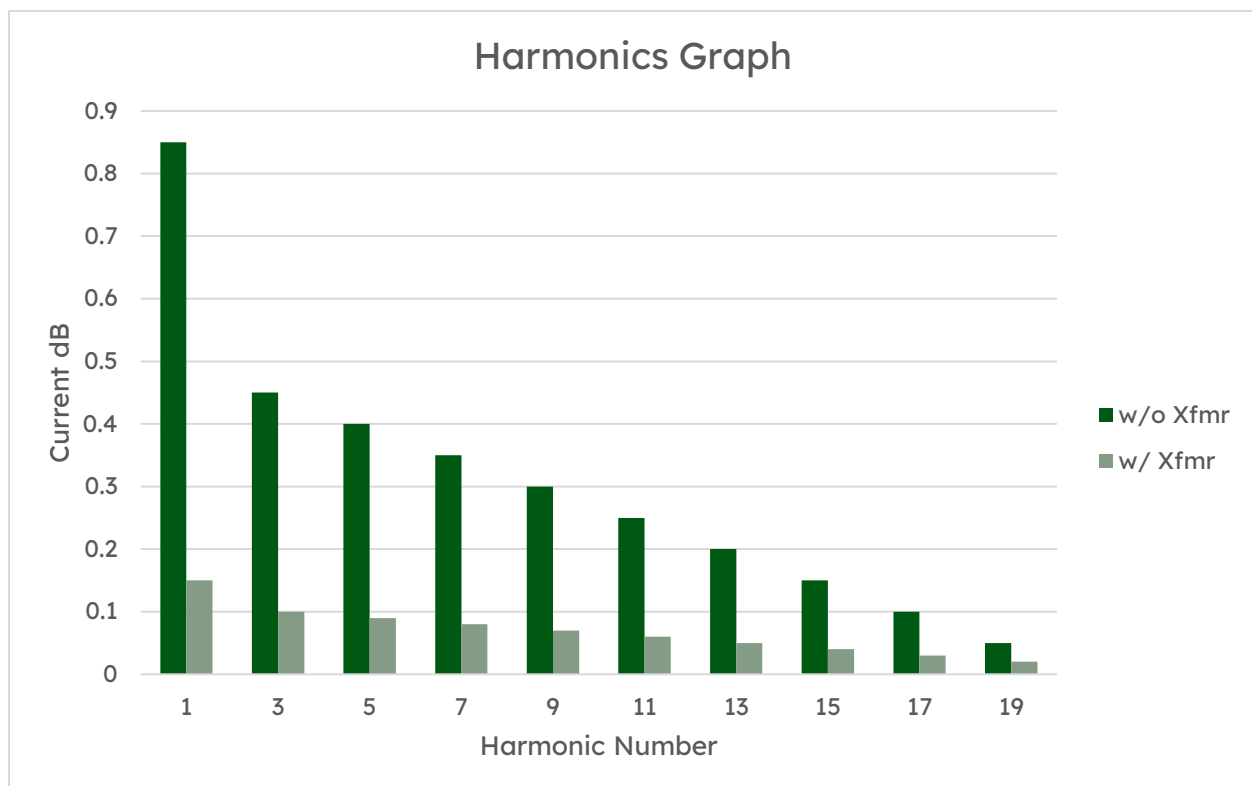
Specialized systems require specialized solutions. Quality Transformer and Electronics' Harmonic-Mitigating Transformers can solve harmonic problems on your line.

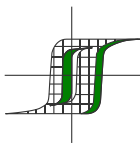
As more and more non-linear electrical devices are introduced onto the line, added harmonics, or distortions, can start to affect sensitive equipment. The results of harmonics can include inconsistent or distorted voltage or current coming into sensitive manufacturing machines and tools. Manufacturing equipment may not perform at full function, resulting in extensive production losses.

The harmonics found on a line differ from line to line and can change as more non-linear devices are added, further complicating the harmonics challenge.

Harmonic Mitigating Transformers designed and built by Quality Transformer and Electronics are designed to fit your system and provide an optimal solution to your harmonic problems. We can assist in developing a specification, provide NRTL to UL applicable certifications, run First Article testing and provide a solution that fits your needs.

Please see below for additional information:





Electrical Characteristics	Phase Shift	15°, 30°, 45°
	Power Rating	50 VA up to 1.5 MVA
	Phases	3
	Frequency	50/60 Hz
	Voltages	Up to 30 kVrms
Terminal Configurations	Copper buss bar Silicon bronze hardware Terminal strip Ring-lug compatibility Touch-safe configurations Lexan covers Bushings	
Enclosures and Weather	NEMA Ratings	IP Ratings
	NEMA 1	IP 10
	NEMA 3	IP 54
	NEMA 3R	IP 14
	NEMA 4	IP 66
	NEMA 4X	IP 66
	NEMA 6	IP 67
Options	Casters Circuit breakers EMO switches Current-limiting	



750 kVA Harmonic-Mitigation Transformer

- 3-PH, 60Hz
- Primary = 4,160 Vrms L-L Delta
- Secondary = 480 Vrms L-L at 451 Arms
- Phase-Shifted = 30°
- NEMA1 enclosure
- NRTL to UL 1561, CE Mark



185 kVA Harmonic-Mitigation Transformer

- 3-PH, 50/60 Hz
- Primary = 460/470/480/490/550 Vrms L-L Delta
- 208/120 Vrms at 185 kVA
- Circuit protection
- NEMA1 enclosure
- NRTL to UL 1561, 508A, CE Mark