HARMONY™ Series

- Prevents voltage flat-topping caused by non-linear loads
- Reduces upstream harmonic currents
- Eliminates transformer overheating and high operating temperatures
- Eliminates primary winding circulating current
- Saves energy by reducing harmonic losses
- Maintains high energy efficiency even under severe non-linear loading conditions
- Electrostatic shielding for high frequency noise attenuation
- Lowers voltage distortion to prevent premature equipment failure
- Restores ride-through capability of computer equipment
- Treats power quality harmonic issues which K-rated transformers do not address
- Suitable for high K-factor loads without increasing in-rush current
- Reduces current distortion at UPS, generator or Utility service
- Improves Power Factor
- Optional NEMA TP-1 models meet EnergyStar® and EcoLogo™ requirements
- Helps meet IEEE Standard 519 harmonic limits

Harmonic Mitigating Transformers

Energy Efficient, Harmonic Mitigating Transformers with zero sequence flux cancellation technology specifically designed to treat the harmonics generated by computer equipment and other non-linear, power electronic loads.

HARMONY-1™

Superior to K-rated and conventional transformers in reducing voltage distortion (flat-topping) and power losses due to current harmonics created by single-phase, non-linear loads such as computer equipment. Secondary windings arranged to cancel zero sequence fluxes and eliminate primary winding circulating currents. Treats triplen harmonics (3rd, 9th and 15th) within the secondary windings and 5th and 7th harmonics upstream.

HARMONY-2™ (patented)

Dual output, phase shifting HMT provides extremely low output voltage distortion and input current distortion even under severe non-linear loading conditions (Data Centers, Internet Service Providers, Telecom Sites, Broadcasting Studios, etc.). Combining zero sequence flux cancellation with phase shifting treats 3rd, 5th, 7th, 9th, 15th, 17th and 19th harmonics within its secondary windings.

HARMONY-3™ and -4™ (patented)

Three or four output, phase shifting HMT featuring extremely low output voltage distortion and input current distortion by treating 3rd, 5th, 7th, 9th and other higher order harmonics within its secondary windings.

MIRUS
WE HAVE THE POWER

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