



ZERO GROUND

***** Press Release *****

For Immediate Release

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NEW WIRING SYSTEM SOLUTION

Reduces Ground Noise to Zero and Extends Motor Life

Waukegan, IL – ZERO GROUND announces their patented wire/cabling System Solution. This revolutionary System Solution reduces high frequency electrical ground “noise” to ZERO when used in conjunction with Variable Frequency Drives (VFDs) or with products containing IGBT switching power supplies. The conventional wisdom and standard practice of grounding electrical circuits to “physical earth” for SAFETY (in accordance with the NEC), was initiated over 100 years ago. Over the past few decades, technological developments including Variable Frequency Drives and power devices utilizing IGBT’s have been introduced to the market. These technological developments (VFD’s, UPS’s, SERVOS and Computer Controlled systems) typically generate high frequency ground currents, which when grounded to “physical earth” can cause issues affecting other sensitive electrical/electronic equipment. The ZERO GROUND System Solution provides a more effective ground which:

- **REDUCES HIGH FREQUENCY GROUND CURRENTS TO ZERO**
- **REDUCES MOTOR BEARING CURRENTS**
- **EXTENDS MOTOR LIFE**
- **INCREASES SYSTEM Mean-Time-Between-Failure (MTBF)**
- **REDUCES UNPLANNED DOWNTIME**
- **DIRECTS FAULT CURRENTS AWAY FROM HAZARDOUS LOCATIONS**

The ZERO GROUND System Solution new paradigm now allows grounding technology to catch up to equipment technology. During the last six years, the ZERO GROUND System Solution has been tested extensively by many third party agencies. Additionally, the U.S. Department of Labor Mining Safety and Health Administration (MHSA) verified ZERO GROUND’S patent safety claims. Recent testing at Baldor Motors and Drives confirms that ZERO GROUND “extends motor life”. By addressing these “noise” issues and extending motor life, ZERO GROUND will increase productivity and system performance by reducing unplanned downtime, thereby increasing profits. ZERO GROUND cables and conduits are UL Listed components and utilize standard industry fittings; they also are approved for use in Class I, Division II Hazardous applications. For more information visit our website at: www.zero-ground.com or contact Mark Panko, V.P. of Sales, using the contact information below.

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