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PR Contact: Loni Luna, Communications and Marketing Specialist
Toshiba International Corporation
800-231-1412 x 3424

Toshiba Introduces MTX NEMA 3R MV, First Ever Outdoor Medium Voltage Drive Designed Specifically for the Outdoors

Toshiba International Corporation, November 13, 2006- Toshiba proudly introduces the newest addition to its medium voltage adjustable speed drives family, the MTX NEMA 3R MV Outdoor Medium Voltage ASD. The MTX is the world's first ASD specifically designed for outdoor mounting in remote locations or where a building does not exist. This drive is able to withstand extreme weather conditions, such as heat and direct sun, because it features an innovative enclosure design and power section topology that is unprecedented in the medium voltage ASD arena.

The MTX is two enclosure types married together. The transformer section is convection cooled. There are no moving parts, and heat is eliminated through passive vents at the top of the drive. The inverter section is forced-air-cooled and only uses non-CFC cooling components. The drive's power modules are designed with out-the-back heat sinks, sending waste heat out of the drive and into the atmosphere. The interior of the inverter section is cooled using plate-type heat exchangers so it remains cool and clean without introducing outside air. All these features give the MTX its name, which stands for **M**edium voltage, **T**ough and **eX**treme applications.

This new topology is a logical progression of the proven T3000MV_i design in a UL Listed "Raintight" enclosure. Additionally, a lower cost of ownership is achieved with the MTX because heat removal from a building-based drive is eliminated.

Toshiba International Corporation is a world leader in the design and manufacture of adjustable speed drives, motors, motor controls, and other power electronics products. By following the most stringent industrial standards, the Toshiba International Corporation Medium Voltage Drives Division sets the new benchmark in innovation, reliability, size, and safety.

For more information on the MTX NEMA 3R MV please contact Robert Bland at 1-800-231-1412 extension 3456 or via email at Robert.Bland@tic.toshiba.com.