

For Immediate Release 08/01/2019

PRE-ENGINEERED, HIGH POWER, RAPID AVAILABILITY DRIVE ENCLOSURES

High power drive users can now receive pre-engineered, ready-made drive enclosure systems in as little as one day for emergency breakdowns, following the release of Control Techniques' Drive Free Standing (DFS) Series.

Mission critical machines and project timelines are supported with rapid deployment capabilities of select factory stocked units, as well as industry best leadtimes across the power range. Designed for optimal reliability, serviceability, and application flexibility, Control Techniques' Unidrive DFS series enclosures range from 100 HP to 1,250 HP and can control standard AC induction, high-efficiency permanent magnet, and high dynamic servo motors.

The pre-engineered packaged-drives come ready-to-use with no additional engineering required and are designed to accommodate customer-specific components as well as a suite of standard factory options to support demands across industrial applications. Drive Free Standing is simple to configure using the optional door-mounted HMI or no-charge Windows-based Connect PC tool with Easy Setup Wizard.

NEMA12 is standard, with a UL Type 1 enclosure also available. Boosting reliability, Drive Free Standing also uses standard production drive modules from Control Techniques' globally installed base, manufactured to highly consistent procedures with multiple test gates and full traceability. Durability is reinforced on drive modules via standard conformal coated PCBs, a patented air flow system which minimizes ingress issues and maximizes cooling, plus a wide supply voltage tolerance. Serviceability of the enclosure and drive has been incorporated in the design for mission-critical applications. An internal chassis rail-system allows for easy and secure front accessibility of drive and key components, reducing downtime associated with suboptimal equipment access and handling.



The Drive Free Standing solutions are based on Control Techniques' globally installed Unidrive M600 and Unidrive M700 drive modules. Unidrive M700 provides high-performance motor control up to 3,000 Hz current loop bandwidth and up to 250 Hz speed loop bandwidth. Unidrive M700 includes; onboard motion and machine control with open programming. Unidrive M700 has onboard Ethernet, including EtherNet/IP, PROFINET, Modbus TCP/IP and RTMoE (Real Time Motion over Ethernet). Both drive models also include integration options to further expand communications across all major industrial protocols, plus options covering additional control, I/O and encoders.

ENDS

Control Techniques, a Nidec Motor Corporation business, is a world leader in the design and production of electronic variable speed drives for the control of electric motors. Founded in 1973, the company has global headquarters in Newtown, Wales UK with the Americas headquarters in Eden Prairie, MN USA. Control Techniques has dedicated production and R&D sites globally, along with Automation Centers in 45 locations around the world.

For more information visit www.ControlTechniques.us

