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For Immediate Release

New, High Current, Trapezoidal Drive for Battery Powered, Hall Commutated, 3-Phase Brushless Motors

San Luis Obispo, CA – 30 Jan 2008 – Trust Automation has introduced the TA2215, a compact, low cost, programmable high current, 3-phase trapezoidal drive for DC brushless motors. The high efficiency TA2215 drive is designed for battery powered applications. Ideal for portable equipment, this low cost, pollution free, high efficiency drive is ideal for new and existing industrial applications such as: Warehouse and factory automation, conveyors, air compressors, pumps, forklifts, auto guided vehicles, and in existing applications where longer battery powered operating time, improved performance, and lower operating costs are desired.

Available power is 12,000 Watts - 125 A peak (50Arms continuous) using a 36 to 96 VDC supply. The TA2215 drive uses the motor's Hall sensors which can be set at 60 or 120 degrees timing for velocity feedback. The drive can be programmed at start-up to ramp up at a preset rate and maintain a constant velocity regardless of changes in load.

This compact brushless motor drive measures just 9.0 in. X 8.5 in. X 2.2 in. Features of the TA2215 drive include: Selectable speed ramping, status LEDs, internal drive temperature monitoring, external motor thermal switch input, fixed speed potentiometer adjustment, and 0-5V speed command with a direction input. Installation is simplified with pluggable cage clamp connections for logic and Halls, and large screw clamp connections for motor and power cables (1-8 AWG).

About Trust Automation

Since 1990, Trust Automation provides motion control products and engineering services for the needs of many industries. Examples of these products and services are: Stand-alone motion and machine controllers, Linear Servo Amplifiers, SynqNet I/O and bridge products, Brushed and Brushless Rotary Motors and Engineering services covering Mechanical, Electrical, Software and System aspects of machine design. Our products reflect quality, robust performance, and ease-of-use; a refinement attained over many years of helping Original Equipment Manufacturers meet and exceed their goals.

Trust Automation provides comprehensive Engineering services to a broad range of industries including semiconductor equipment manufacturing, medical, entertainment, automotive, and military/aerospace. Our in-the-field experience with leading companies in these industries gives us the knowledge and experience to help you solve today's cutting edge, real world challenges, challenges that must be solved by new ideas; new ideas that Trust Automation transforms into the Smart Solutions of tomorrow.

Trust Automation's headquarters is in San Luis Obispo, on California's Central Coast.