

## Schneider Electric introduces TeSys T motor management system

PALATINE, Ill. — February 8, 2008 — Effectively managing a motor system can be complex and costly. Users can overcome the difficulties and compatibility issues of upgrading their electronic systems with the Telemecanique brand TeSys T— a new class of motor management protection. The TeSys T advanced motor management and protection system combines primary motor protection requirements with additional functionality. This unique system guarantees perfect adaptation to all installed base motor management needs.

“Engineers are faced with the urgency of gathering and interpreting information to manage work and maintenance schedules. They need a smart solution that can adapt motor management needs based on all system inputs,” said James Fox, product staff specialist, Schneider Electric North American Operating Division. “The TeSys T motor management system records motor history, statistics and time-stamped faults to give users a comprehensive real-time view of their motor control.”



The system consists of an efficient multifunction protection device, separate from the automation system, and an operator control unit for reading and modification of monitored parameters. User-friendly configuration software helps users easily implement motor starters equipped with a TeSys T motor management system. An expansion module with voltage measurement and additional logic inputs completes the controller functions.

The additional information offered by the TeSys T motor management systems allows users to improve analysis of current faults and anticipate future system performance. Adapting the monitoring protection and control systems helps avoid nuisance trips, reduces downtime and lowers maintenance and repair costs. The combination of the controller’s basic protection functions and the expansion module’s advanced protection guarantees maximum analysis accuracy.

Unlike any other product on the market, the advanced solution supports up to five fieldbus types — Ethernet, Modbus, CANopen, DeviceNet and Profibus — without any other auxiliary modules or communication gateways. As a result, the TeSys T motor management system becomes an integral component of automation strategies optimized for integration into intelligent motor control centers and low voltage switchboards. It’s easily used for fixed, disconnecting and draw-out assemblies that meet NEMA or IEC standards for local or international applications.

The TeSys T motor management system offers six motor control functions, including overload, two-step and two-speed modes to simplify configuration and implementation of the motor starter.

The system guards against motor malfunctions, such as overload, current peak, excessive consumption and more.

The TeSys T motor management system is especially suited for industrial applications where a high degree of available production equipment is a requirement, such as iron and steel, cement works, paper mills and raw material extraction. The system also is suitable for the oil and gas, chemistry, pharmaceutical, and water and wastewater industries.

Headquartered in Palatine, Ill., the North American Operating Division of Schneider Electric had sales of \$3.7 billion (U.S.) in 2006. The North American Operating Division is one of four operating divisions of Schneider Electric, headquartered in Paris, France, and markets the Square D, Telemecanique and Merlin Gerin brand products to customers in the United States, Canada and Mexico. In the United States, Schneider Electric is best known by its flagship Square D brand, with Telemecanique becoming increasingly known in the industrial control and automation markets and supported by many Square D distributors. For more than 100 years, Square D has been a market-leading brand of electrical distribution and industrial control products, systems and services. Schneider Electric is a global electrical industry leader with 2006 sales of approximately \$17.2 billion (U.S.).