

FOR IMMEDIATE RELEASE

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Tyco Electronics Presents High Voltage Current Electromechanical Relay for Alternative Powered Systems (APS)

Tyco Electronics has developed and is currently producing the new LEV100 Series hi-voltage relay/contacter designed specifically for handling high power requirements for alternative powered vehicle systems. It offers a smaller packaging envelop than conventional contactor assemblies.

The Tyco Electronics low-cost, hermetically-sealed LEV100, 400 V DC (100A continuous) solenoid relay was developed for use in automotive battery switching/back-up applications that require power/motor control circuit isolation, circuit protection and safety. The LEV100 contactor employs a very rugged and robust exterior and interior designed to facilitate usage in many types of environments. The LEV100 Series hi-voltage relay/contacter coil is energized by external 24AWG flying leads of various lengths that can be terminated with a 2-position connector for integration into an electrical system.

The LEV100 is compact in size, occupying approximately four cubic inches (65.5 cm³), contains an epoxy-resin enclosure coupled with an inert gas filled contact chamber. It maintains a low profile (less than 2.3 in. or 58mm) and can operate in temperatures of -40oC to 85oC.

The LEV100 contactor includes an integral mounting plate on either the bottom or side of the enclosure and accepts two M4 mounting screws, as well as flying leads for coil connections. Designed and built in accordance to AIAG, QS9000 and RoHS standards.



About Tyco Electronics

Tyco Electronics Ltd. is a leading global provider of engineered electronic components, network solutions, undersea telecommunication systems and wireless systems, with 2007 sales of US\$13.0 billion to customers in more than 150 countries. We design, manufacture and market products for customers in industries from automotive, appliance and aerospace, defense and marine to telecommunications, computers and consumer electronics. With over 7,000 engineers and worldwide manufacturing, sales and customer service capabilities, Tyco Electronics' commitment is our customers' advantage. More information on Tyco Electronics can be found at www.tycoelectronics.com.

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