OMRON AUTOMOTIVE ELECTRONICS INTRODUCES NEW SOLID STATE RELAYS

Farmington Hills, Mich., Jan. 25, 2000

Omron Automotive Electronics, the number one supplier of power relays in the North American market, will introduce a new line of solid state relays for automotive applications at the SAE 2000 World Congress, March 6-9, in Detroit.

Omron's solid state relays feature semiconductors that operate switching functions. This enables an endless life cycle and reduces power consumption by one-third as compared to electromechanical relays. Designed into the relays is an EMI countermeasure circuit that makes the relays fully EMI-compatible for automotive use.

The solid state relays are designed to meet specifications equivalent to Micro and Mini ISO type plug-in relay applications. They are easily applied to any 42V automotive system and provide substantial space and weight savings.

Omron is the first Japanese supplier to make high capacity, solid state relays for automotive use. Potential applications for the new solid state relays include daytime running lights, electronic fuel injector drives and anti-skid braking systems that require pulse-width modulation (PWM) high side drives.

Omron Automotive designs and manufactures a wide range of advanced electronic and electromechanical components for manufacturers around the world. As part of a $5.6 billion corporation with strengths in fuzzy logic, optics, sensors and the 3C's . . . controls, components and computers, Omron Automotive integrates these technologies into its electronic control components to help auto makers achieve greater safety, comfort and convenience for today's drivers. For additional information about Omron's products, visit the Omron Automotive Web site at http://www.omronauto.com.