


Press Release for immediate release – 5th September 2014

For Editors



Racing Ahead with 60A in a PCB Relay

American Electronic Components Incorporated introduces the Elesta Relays **forcibly guided contact PCB safety relay SIP512 (SIP6 Series)**, with a total of **6 contacts**. Two of these (1NC + 1NO) are designed as control contacts for a maximum load of AC1 250V 6A, whilst the remaining 4 NO contacts are “power” contacts for a maximum of AC1 250V (440V) 16A per contact. The power contacts can be subjected to an  inrush current of up to 60A max.

Elesta are the world's foremost manufacturer of high quality forcibly guided relays, designed for public protection. The SIP512 features creepage and clearance distances greater than 8mm between the control and output contacts as well as between the individual contacts. This means the SIP512 can be used in multi-phase applications and to replace auxiliary contactors in many cases. The SIP512 can switch 3 phase motor loads up to 3kW (4HP) and has a life expectancy of more than 100,000 operations.



Bruce Finke, Vice President Sales & Marketing of AEC commented, “The SIP512 is a highly reliable compact forcibly guided PCB relay at only 84.3mm (L) x 20mm (W) x (32mm) and needs only 1.3W for the coil. It is available in a wide range of coil voltages.”

Typical applications include laser systems, machine guards and medical equipment.

AEC offers the full line of Elesta forcibly guided contact safety relays which comprise 24 separate relay series, capable of switching currents from 3mA to 16A and can offer up to 10 contacts in a single relay. All Elesta Relays are RoHs compliant and carry UL, cUL and TÜV approvals.

“Elesta relays should be considered wherever people or property must be protected and where a monitored contact is required.” Concluded Finke.

Please refer to our website for additional product details and contact us at sales@aecsensors.com if samples or prompt technical support are required: <http://www.aecsensors.com/html/vmchk/Forcibly-Guided-Safety/View-all-products.html>


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About American Electronic Components Incorporated

AEC is a leader in the design and manufacture of specialized electrical and electronic components primarily for automotive and industrial applications. Our product line includes position sensors, G-force sensors, acceleration switches, DURAKOOL relays, inclination sensors & switches and HERMASEAL glass to metal seals. Our creative engineering team has extensive experience in harsh environmental packaging concepts. We use high-quality products and are positioned to support your most challenging applications. AEC are ISO 9001 quality certified.

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