

Press Release for immediate release – 18th September 2014

For Editors



SIS212 - Smallest Safety Relay?

With the ever increasing demand for smaller components, **American Electronic Components Incorporated** (AEC) www.aecensors.com introduces this tiny safety relay from Elesta, measuring just 29.2 x 16.6 x 16.2mm, making the **SIS212** series of **forcibly guided PCB, 3 contact safety relays**, a decidedly popular choice.

Bruce Finke, Vice President Sales & Marketing at AEC commented "Despite its small size, the SIS212 series is fully compliant with DIN standard EN 50205 type A".



Two of the contacts are configured as 2NO (normally open) and one 1NC (normally closed). The contact nearest the coil is the normally closed contact and is mostly used for control functions or feedback purposes. Further from the coil, the 2 NO contacts are used for the output or load. All contacts are designed for a nominal switching capacity of 250Vac at 6A (AC-1) and the contact material is well-proven AgCuNi + 0.2-0.4mm Au, permitting reliable switching of small control signals of a few milliwatts up to a maximum of 1500VA.

"A safe electrical separation exists between control and output side. Coil and control contacts are separated from the two output contacts by double and reinforced insulation, with clearance and creepage distances > 8mm". Continued Finke.

The SIS212 has category III protection over voltage protection. AEC is able to supply all common coil voltages between 5 and 110, with standard 0.6W or sensitive 0.4W coils.

Elesta are the world's foremost manufacturer of high quality forcibly guided relays, designed for public protection. Typical application areas for the SIS212 include sensor technology, photoelectric cells, light curtains, foot mats, railways and frequency changers.

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@aecensors.com if samples or prompt technical support are required: <http://www.aecensors.com/html/vmchk/Forcibly-Guided-Safety/View-all-products.html>

ENDS

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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