

Press information

SIS212 - the so far smallest ELESTA safety relay



This relay is equipped with 3 forcibly guided contacts (2 normally-open contacts / 1 normally-closed contact). The contact nearest to the coil is the normally-closed contact. It is mostly used for control functions or feedback purposes. At a greater distance follows the load and output side with the two normally-open contacts. They are designed for a nominal switching capacity of AC-1 250V6A. The contact material is a well-proven silver-alloy with added gold flashing, permitting to reliably switch small control signals of a few milliwatts right to large consumers of max. 1500VA.

A safe electrical separation exists between control and output side. Coil and control contact are separated from the two output contacts by double and reinforced insulation with clearances and creepage distances >8mm. The SIS 212 is protected against overvoltages according to category III. Installation is effected with solder connections directly onto the printed circuit board. The coil is of monostable neutral execution. All common coil voltages between 5 ...110 VDC can be manufactured. Typical application areas are photoelectric cells, light curtains, foot mats, sensor technology and frequency changers.

True to the principle „as small as possible, as safe as required“ the Swiss specialist for relays domiciled in CH-7310 Bad Ragaz has expanded its SIS range by a yet more compact version. The new safety relay SIS212 measures a mere 29.2 x 16.6 x 16.2 mm (l x w x h) and thus satisfies the ever rising demand for ever smaller components. The DIN standard EN 50205, application type A, is fully complied with. The approvals by the SEV, UL, cUL and TUEV will be applied for.