

Press Release

RAM1A..G: THE INDUSTRIAL 1-PHASE RELAY SERIES WITH INTEGRATED VARISTOR FOR OVERVOLTAGE PROTECTION ON OUTPUT

Suited to Food & Beverage market requirements
and any electrical appliances that need to be compliant with EN 60335-1.

Lainate, October 2014 – Carlo Gavazzi Automation, the international electronics Group with activities in the design, manufacture and marketing of electronic equipment, today launches the new RAM1A..G series of solid state relays.

The RAM1A..G is a hockey puck variant specifically designed to fulfil the needs of the Food & Beverage market. Equipment such as electrical ovens, coffee machines, etc... needs to be certified (in Europe) to standard EN 60335-1 – Safety requirements of household and similar electrical appliances.

This relay provides a suitable solution which is VDE approved and also integrates output protection with a built-in varistor and a LED, which indicates the status of the control input.

“The new RAM1A..G series uses plastic material that conforms to the 60335-1 requirements for resistance to heat and fire,” says Dorianne Grech – International Product Manager. “We are confident that this variant will strengthen our presence in the Food & Beverage market by offering a solution that is perfectly matched to the final application and hence customer/market needs”.

Main technical features

- AC zero cross switching
- Operational voltage rating: up to 660VAC
- Operational current ratings: 25AAC, 50AAC, 100AAC, 125AAC
- Up to 18,000A²s ideal for protection with MCBs
- Integrated output overvoltage protection with varistor
- Glow wire flammability index acc. to EN 60335: 850°C, 750°C/2s
- 65kArms Short Circuit Current Rating according to UL508
- 100,000 cycles endurance testing acc. to UL508 for 25A and 50A version (aligned with UL197 – Commercial cooking appliances requirements)
- Motor ratings up to 15HP @ 400VAC

ABOUT CARLO GAVAZZI AUTOMATION

Carlo Gavazzi Automation is an international electronics group with activities in the design, manufacture and marketing of electronic equipment targeted at the global markets of industrial and building automation.

Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 22 National Sales Companies in Europe, the Americas and Asia & Pacific, operating with its production sites in Denmark, Italy, Malta, Lithuania and China.

For further information:

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