

Press Release

RGTS: THE NEW SOLID STATE SINGLE PHASE MOTOR SOFT STARTER

Robust and reliable soft starter for low starting torque single phase motors.

Lainate, October 2018 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents its new single phase motor soft starter.

The RGTS is a very simple soft starter for low starting torque single phase AC induction motors. It only requires two easy settings for initial torque and ramp-up duration.

The RGTS is the perfect solution for fans and pumps running on 110 VAC up to 240 VAC, where the mains voltage is prone to sags. Particularly in a residential or in a light commercial environment, such voltage sags may cause disturbances to occupants as well as to sensitive electronic devices. In some cases, the high starting current may also cause protection devices to trip. The RGTS can considerably reduce the direct on line start current by 40%, thereby reducing such disturbances and ensuring better up-time.

Its robust design is also proven through the 100 kA short circuit current rating, making it compliant with the requirements of UL508a for industrial control panels. The fully solid state design makes this product ideal for application with frequent starts.

“We have seen an increasing trend for single phase soft starters. Our customers are asking for easy to configure products,” says Jason Demicoli – International Product Manager. “With this launch Carlo Gavazzi’s intention is to offer a wider soft starter products range for single phase motor applications, enabling us to further expand our sales in North America and in the Asiatic regions.”

Developed by our Competence Centre in Malta, the RGTS has been specifically designed for single phase motor in Water treatment, Agriculture, Building automation market applications such as pumps, fans and compressors.

Main technical features

- Simple interface with just 2 settings (resulting in reduced installation complexity)
- Fully solid state design (robust design for high frequency starts)
- 12 A up to 25 A in 54 mm wide housing
- Multi-voltage operation: 100 VAC up to 240 VAC
- Wide supply voltage range: 24 VAC/DC or 100 – 240 VAC versions
- 100 kA short circuit current rating

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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