

FOR IMMEDIATE RELEASE:

Soft Starters for Pumping Applications



April 21, 2016 - Buffalo Grove, IL - CARLO GAVAZZI is proud to announce the launch of the **RSWT Series**, the self-optimizing soft starting solution for water pumps up to 75Hp. The global demand for water is expected to see a consistent growth over the coming years. As a result of the growing population across the globe, there is more demand for water facilities and therefore pumps. Achieving optimal control during starting and stopping of a pump can be challenging. Unless proper solutions are adopted, some undesired effects such as water hammering, cavitation and voltage disturbances can result.

The **RSWT Series** is a 3-phase pump soft starter, in which all three phases are controlled to achieve current balancing on all phases, to minimize vibrations during starting and stopping of centrifugal pumps, and to minimize the inrush current. Through a dedicated self-learning algorithm, the **RSWT Series** achieves very smooth starting and stopping, with minimal setting adjustments required from the user. Within three to six starts, the **RSWT Series** reaches optimization. On a positive note, the self-learning routine is active at ensuing starts to ensure optimal starting and stopping parameters are used even if the load changes. This results in less water hammering and reduces the risk of cavitation.

Two **RSWT Series** types are offered: the **V00/V01** provides a single adjustment setting for the soft-starting and stopping time of the pump, whereas the **V10/V11** includes Class 10 overload protection and soft starting and stopping times that can be individually set for more accurate pump control. With the launch of the **RSWT Series**, CARLO GAVAZZI has further strengthened its soft starter portfolio, by offering yet another ideal solution, directed at a specific application for markets such as agriculture, water treatment, and HVAC.

- Output voltage rating up to 600VAC
- 45mm housing for up to 20HP (25A) switching
- 75mm housing for up to 50HP (55A) switching
- 90mm housing for up to 75HP (90A) switching
- LED indication for status and alarms
- Diagnostic alarm outputs
- Self-learning algorithm for centrifugal pumps
- cUL Listed and CE

The **RSWT Series** is available from Carlo Gavazzi's North American network of sales offices and distributors, or at www.GavazziOnline.com.

Questions regarding this press release should be directed to: info@carlogavazzi.com

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