

FOR IMMEDIATE RELEASE:

Analog Input Solid State Proportional Controllers



January 7, 2016 - Buffalo Grove, IL – CARLO GAVAZZI is proud to announce the launch of their new **Single Phase RGx1P Proportional Output Controllers**. With a typical solid state relay, the output from measuring or monitoring devices is an analog signal that needs to be converted to a discrete signal to control a ‘common’ solid state relay. This can be costly, complicated and occupies additional panel space. With **RG Proportional Output Controllers** there is no need for this conversion. Upon input from an analog signal, the **RG Controller** calculates and delivers the necessary output power without the need for additional interface device.

The **RG Series** devices are equipped with user selectable switching modes to address different application requirements. Apart from three full cycle switching modes for basic heating applications, the **RG Series** also features advanced full cycle control for short wave infrared heaters, phase angle switching mode for resistive heaters, light dimming and speed control of AC fans and soft starting for heating elements with low cold state resistance. **RGC1P Contactors** offer the simplicity of an ‘out of the box’ ready-to-use solution with integrated heat sink, while **RGS1P Relays** require a proper external heat sink before they can be used in an application.

Typical applications include (*but are not limited to*) proportional control of resistive heating elements and speed of AC motors in HVAC application, control of short wave infrared heaters in semiconductor equipment or intensity of incandescent lighting in an agricultural application.

- Output voltage rating of up to 660VAC
- 15 to 63A Switching for **RGC1P contactors**
- 50 to 90A Switching for **RGS1P solid state relays**
- Options for 4-20mA or 0-10VDC, 0-5VDC, 1-5VDC or potentiometer inputs
- Seven user selectable switching modes:
 - Phase angle switching, four types with Full Cycle switching, two types with Soft Start switching
- cULus listed (RGC1P), rUS/CSA (RGS1P) and CE
- 100kArms UL508

The **RGx1P Series** are 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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