

# PRODUCT OF THE WEEK



## RGC1P PROPORTIONAL SOLID STATE CONTROLLERS

1-PHASE SOLID STATE CONTROLLER WITH  
PROPORTIONAL OUTPUT CONTROL

### PRODUCT DESCRIPTION



The RGC1P Series is made up of single phase, solid state controllers for applications requiring proportional output control. It has analog control input options that covers current and voltage ranges, including the use of an external potentiometer. Switching modes include phase angle control, full cycle control, advanced full cycle control for use with short wave infrared (SWIR) heaters, and soft starting that limits the inrush current of loads with a high temperature coefficient. The RGC1P Series also has an integrated heatsink, 2 diagnostic LEDs for control and load indication, and built-in overvoltage protection.

For more detailed specifications on the RGC1P Series, please see the link to the data sheet, Product Brochure or video below:

[https://www.gavazzionline.com/pdf/SSR\\_RGC1P.pdf](https://www.gavazzionline.com/pdf/SSR_RGC1P.pdf)

<https://www.gavazzionline.com/pdf/RGSolitonBrochure.pdf>

<https://youtu.be/-tBJIB7BuBE>

### KEY FEATURES

- 1-PHASE PROPORTIONAL SWITCHING CONTROLLER
- RATED OPERATIONAL LOAD UP TO 660 VAC AND 63 AMPS
- 4-20MA, 0-5V, 1-5V, 0-10V, EXTERNAL POTENTIOMETER CONTROL INPUTS
- DIAGNOSTIC LED INDICATION
- 100KA SHORT CIRCUIT CURRENT RATING (SCCR)
- I<sup>2</sup>T FOR FUSING UP TO 3200 A<sup>2</sup>S
- BLOCKING VOLTAGE UP TO 1200VP

**The RGC1P Series is ideal for these types of industries:**

**MATERIAL HANDLING**

**FOOD AND BEVERAGE**

**OVENS, STOVES, TOASTERS AND STEAMERS**

**PRINTING, CURING AND DRYING**

**HVAC/R**

**PACKAGING AND WRAPPING**

**LIGHTING**

**ELEVATORS AND LIFTS**

**Switches**