

**FOR IMMEDIATE RELEASE:**

**Compact 37 Amp  
Solid State Contactor**



November 20, 2018 - Buffalo Grove, IL – CARLO GAVAZZI is proud to announce the launch of the newest addition to its **RGC Series Solid State Contactor platform**. These single-phase zero-crossing relays, featuring an integral heat sink, offer the best in the class current rating of up to 37 AAC at 40°C or 43 AAC at 25°C.

With the introduction of the **RGC..32**, Carlo Gavazzi now offers a solution for switching up to 37 AAC at 40°C that fits in the 17.8mm wide platform with a depth of 103mm. The **RGC..32** is offered both with screw as well as box clamp output terminals. The version with box clamps is rated 37 AAC @ Ta 40°C. This higher current rating on the 17.8mm compact platform is achieved through the utilization of a higher rated power chip that has an I<sup>2</sup>t of 18000 A<sup>2</sup>s. Due to this high I<sup>2</sup>t specification, the **RGC..32** can be protected against short circuits by B curve Miniature Circuit Breakers, in applications where the UL508 SCCR rating is not required.

The main benefits of the **RGC..32** include the fact it has the highest amperage rating of any 17.8 or 22.5mm wide solid state switching devices available on the market, DIN rail spacing over 22.5 mm platform, optional cage clamp power terminal for wires up to 3 AWG size, and energy savings due to lower power dissipation.

The specifications of the **RGC..32 Series** include:

- AC Amperage ratings of up to:
  - ✓ 37A AC at 40°C
  - ✓ 42A AC at 25°C
- Compact 17.8mm width housing
- Output voltage rating up to 660VAC
- Control Voltage of 4-32VDC
- High I<sup>2</sup>t rating of up to 18,000 A<sup>2</sup>s
- cULus listed, EAC, CE, China ROHS

The **RGC..32 Series Solid State Contactors** are available from Carlo Gavazzi's network of sales offices and distributors in the Americas, or at [www.GavazziOnline.com](http://www.GavazziOnline.com).

Questions regarding this press release should be directed to: [Info@CarloGavazzi.com](mailto:Info@CarloGavazzi.com)

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