

**FOR IMMEDIATE RELEASE:**

## 3-Phase SSRs for Panel Mounting 48 Amps per Phase



*November 27, 2018* - Buffalo Grove, IL - Carlo Gavazzi has launched the newest addition to its portfolio of 3-phase RGC3 Solid State Relays (SSRs). **The RGC3....48 Series**, is a 48 AAC per phase rated device with a panel mount or thru-wall mount, natural convection heatsink.

The **RGC3....48 Series** of 3-phase SSRs have been very successful due to their recognition as one of the most compact 3-phase solutions on the market. To keep the dimensions compact, the existing **RGC3** solutions at higher current ratings (above 40 AAC) utilize forced ventilation and hence require a supply voltage. The new 48 AAC rated 3-phase relay uses a larger, natural convection heat sink that eliminates the need for additional supply voltage if system monitoring is not required. The device can be panel-mounted inside of an electrical enclosure, or if a side-wall cutout is available, the heatsink portion of the relay can be mounted outside of the cabinet. Thru-wall mounting offers an additional benefit of keeping the heat generated during the operation of the SSRs outside of the enclosure, away from other sensitive electronic equipment.

The new 48 AAC rated **RGC3....48 Series** are available with line voltage ratings up to 600VAC, either DC or AC control, with optional system monitoring featuring electromechanical relay alarm and auxiliary output. Applications include HVAC, Heat Tracing, Plastics or Packaging, especially in situations where supply voltage is not available, or heat generated by the operation of an SSR has to be kept outside of the enclosure.

The specifications of the **RGC3....48 Series** include:

- 3-phase, 3-pole switching solid state relays
- Universal panel and thru-wall mount heatsink
- Rated current: 48 AAC at 40°C per phase
- Rated voltage: up to 600 VAC
- Control voltage: 5-32VDC or 20-275 VAC
- Optional system monitoring with alarms
- Supply voltage only needed on system monitoring type
- High I<sub>2</sub>t rating of 15,000 A2s
- CE approved, cULus listed
- 100kA SCCR if used with J-class fuse

The **RGC3....48 Series SSRs** 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)

**CARLO GAVAZZI Inc.**, 750 Hastings Lane, Buffalo Grove, IL 60089  
Phone: 847.465.6100 Fax: 800.222.2659 Email: [Sales@CarloGavazzi.com](mailto:Sales@CarloGavazzi.com)

**CARLO GAVAZZI (Canada) Inc.**, 2660 Meadowvale Blvd., Mississauga, ON L5N 6M6  
Phone: 888.575.2275 Fax: 905.542.2248 Email: [Gavazzi@CarloGavazzi.com](mailto:Gavazzi@CarloGavazzi.com)

**CARLO GAVAZZI Mexico S.A. de C.V.**, Circuito Puericultores 22, Ciudad Satelite, Naucalpan de Juarez, EDOMEX CP, 53100  
Phone/Fax: 52.55.5373.7042 Email: [MexicoSales@CarloGavazzi.com](mailto:MexicoSales@CarloGavazzi.com)

**CARLO GAVAZZI Automação Ltda.**, Av. Francisco Matarazzo, 1752 Conj 2018, 05001-200 São Paulo SP  
Phone/Fax: 55.11.3052.0832 Email: [Info@CarloGavazzi.net.br](mailto:Info@CarloGavazzi.net.br)