

## Press Release

### **DPB, PPB AND DPC SERIES: WIDE INPUT RANGE THREE-PHASE MONITORING RELAYS**

6 new models for high reliability and substantial power reduction.

Lainate, December 2018 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents its new series of three-phase monitoring relays.

These relays have been designed to upgrade our technological level so as to be much more competitive on the market and allow distributors and customers to considerably reduce the number of product items on stock, maintaining the same quality of service.

The main purpose of this launch is to decrease the quantity of relays needed to cover different mains voltages, reducing heat dissipation and making the operation more stable and reliable.

“By means of the switch mode power supply, the input voltage of the DPB/PPB series ranges from 208 VAC to 480 VAC, while the DPC input ranges from 208 VAC to 690 VAC. Additional features of these devices are the extensive frequency range from 50 Hz to 400 Hz, the significant reduction in power consumption and the high immunity to mains noise,” says Mark Wilkinson – International Product Manager. “Carlo Gavazzi is now able to offer a cost-effective solution, as one single relay can replace many others, without forgetting that not many other competitors can boast a switch mode supply and a frequency range of up to 400 Hz.”

Developed by our Competence Centre in Italy, these series of three-phase monitoring relays are specifically designed for applications where there are motor supplies to be monitored: HVAC systems, Water treatment, Materials handling, Marine (thanks to RINA approval) and Airport/Aircrafts, due to the 400 Hz operating frequency.

#### **Main technical features**

- Noise, harmonics and transient filtering
- Significant reduction in power consumption:
  - 2.5VA (Vs 13VA) for DPB/PPB series
  - 4.5VA (Vs 21VA) for DPC series
- Less heat dissipation
- Wide input voltage and frequency range
- 8 voltage ranges selectable by DIP switch for DPB/PPB series, 11 voltage ranges for DPC series

#### **ABOUT CARLO GAVAZZI AUTOMATION**

Carlo Gavazzi Automation is an international electronics group with activities in the design, manufacture and marketing of electronic equipment targeted at the global markets of industrial and building automation.

Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 22 National Sales Companies in Europe, the Americas and Asia & Pacific, operating with its production sites in Denmark, Italy, Malta, Lithuania and China.

#### **For further information:**

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