

Press Release

DTA04: THE NEW MOTOR THERMISTOR RELAY TO RENEW AND COMPLETE OUR RANGE

High operating safety to ensure continuous production process
for time and cost savings.

Lainate, September 2017 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents the new motor thermistor relay: the DTA04.

This is a DIN rail mounted thermistor relay whose main purpose is to protect electric motors from overheating, ensuring continuous production and preventing machine downtime.

The DTA04DM24 can be supplied with any voltage from 24V to 240V either AC or DC and it comes with 2 Normally Open NEMA B300 rated relay outputs.

The operational mode can be configured as Auto or Manual reset. When wired as Manual, one function of the DTA04 indicates when the motor is ready for reset. The reset can be performed locally by means of a front switch or remotely by a remote switch. The "Ready for reset" function is available in all our DTA thermistor relays.

"The main advantages of this new device is its universal supply voltage, which allows the replacement of 6 old item codes (DTA01 and DTA02 24V, 115V and 230V versions) with just one single reference code: DTA04DM24, as well as its 2 standard outputs," says Mark J. Wilkinson – International Product Manager. "With this launch, Carlo Gavazzi's range of thermistor relays is complete and we can provide customers with three different housings, meeting any kind of request coming from the market."

Designed by our Competence Centre in Italy, this product is mainly suitable for pump monitoring and it is useful in all applications where motors are used, especially where overloads are frequent and may cause motor damage, such as pumping stations in water treatment plants, conveyors in material handling and chillers in HVAC systems.

Main technical features

- Standard DIN rail module
- Universal power supply from 24 to 240 VAC/DC.
- 1 item replaces 6 old items
- 2 Normally Open relay outputs NEMA B300 8A @ 250 VAC
- The two-coloured LED provides information regarding the triggered type of Alarm
- Auto or Manual reset configuration available
- PTC maximum cable length 600m with 1.5mm² or 200m with 0.5mm²
- Reaction time < 500ms

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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