

Press Release

DIA02: LOAD ON/OFF RELAY

The solution for a prompt ON/OFF status of small critical loads.

Lainate, March 2020 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents the new load ON/OFF relay.

In Building Automation and HVAC markets there is often the need to know the running status of small pumps and fans, as their failure may cause costly consequences.

The DIA02 is a current level relay with a very low minimum setpoint to monitor the status of small loads down to 20 mA. It mainly monitors the ON/OFF status of pumps and fans.

When the devices don't work as expected, the DIA02 immediately warns the main controller (PLC or Building Management System) to reduce the consequences and speed-up the recovery time.

"The relay output provides high flexibility in applications while its quick and easy installation reduces the panel builders' installation time and costs. The front LED will also speed-up the troubleshooting operations for the service personnel," Francesco Vedana, International Product Manager, says. "This launch will give us the opportunity to strengthen our position in the market by means of a wider offer."

Developed by our Competence Centre in Italy, the DIA02 relay is specifically designed for the ON/OFF monitoring of water circulation pumps, extractor fans and lights in the HVAC and Building automation markets.

Main technical features

- Detection of AC/DC over current through internal shunts
- Input current ranges from 20 mA to 5 A selectable by DIP-switches
- Adjustable current setpoints on a relative scale with a front dial
- Auxiliary power supply voltage:
 - D48: 24 to 48 VAC/DC
 - B23: 230 VAC, 115 VAC
- LED indication for power supply and alarm status
- DIN-rail housing

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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