

Press Release

CERTUS MULTIFUNCTION SAFETY MODULES: THE COMPACT SOLUTION FOR RELIABLE PROTECTION

High flexibility and considerable cost savings.

Lainate, April 2018 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents four new safety modules, part of our Certus family.

These safety modules are able to monitor multiple safety functions of industrial machinery, protecting operators from dangerous moving parts of the machine, and are compliant with international standards.

The Certus multifunction safety modules consist of the following devices for industrial applications: the CM22D0A, a safety module with configurable outputs using a hex-switch and the CM40D0A and CM30D1A safety modules, which provide safety-related interruption of a safety circuit. They are used in applications with: E-stop, E-gate, limit switch, non contact switch, safety light curtains (ESPE Type 4, Type 2), safety light beam (single beam), safety mat.

The CL20D2A safety module is designed to be used in lift installations for floor levelling and re-levelling of the cabin. It is connected to the lift plant and to the lift controller board.

“With the launch of this new safety modules series, Carlo Gavazzi enhances its portfolio dedicated to safety, providing the highest level of protection for equipment and personnel”, Gianluigi Abenante, International Product Manager, states. “We are confident that these new modules will be warmly welcomed by the market, due to their multiple safety functions and competitive price.”

The Certus multifunction safety modules are targeted at specific applications such as machine centres with alternate load/unload, palletising system with robotic cells in the Packaging&Wrapping, Food&Beverage and Materials Handling markets, or cabin levelling in the Lifts&Escalators market.

Main technical features

- 4 OSSD safety outputs. Certus provides up to 4 Output Signal Switching Devices.
- Selectable delay time. Can be easily set through the hex-switch, selected from a choice of 15 pre-set configurations, from 0 to 30 sec. The main model CM22D0A can include 2 delayed digital outputs
- 2 auxiliary outputs. All the modules provide at least 1 auxiliary output. 2 auxiliary outputs for CL20D2A
- Compact dimensions: 1 DIN module 18x90x63 mm
- Lift Directive Compliance (EN81-20, EN81-50) (CL20D2A module only)
- Cat. 4 PL e in accordance with ISO 13849-1, SIL 3 in accordance with IEC 62061, SIL 3 in accordance with IEC 61508
- TÜV approved

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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