

Press Release

SBB4I SERIES: THE NEW MODULES TO CONTROL FIRE DAMPERS IN HVAC APPLICATIONS

Fast installation, considerable cost savings and BACnet integration for direct connection to BMS.

Lainate, January 2020 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents its new family of fire damper modules.

These modules have been developed to control the different types of fire dampers available on the market.

The SBB4I is a 4-input module to be connected to two fire dampers with thermal fuses to detect their blades position. The second is the SBB4I2Oxxx, a 4-input/2-output module to also be connected to two fire dampers to detect their blades position and, in addition, to control them when they are equipped with a return-spring or motors.

“Fire dampers are mandatory and are used to prevent smoke from spreading through the buildings ventilation system in the case of fire. With this launch we are able to provide customers with a dedicated solution offering a bus-based system which reduces the cabling cost to 15%,” Raffaella Sirena International Product Manager says. “Usually in a building system dozens of modules are installed. Via our specific configuration software, it is possible to speed up the programming of the fire damper modules, resulting in an efficient and time saving procedure”.

Developed in our competence centre in Italy, the fire damper modules have been designed to monitor and control fire dampers in the building automation market, where high efficiency and easy installation in HVAC application is crucial.

Main technical features

- Ready-to-use junction box housing for fast and easy decentralized installation
- One input module can monitor up to two fire dampers
- Fast and easy wiring to the main controller via the Dupline® bus (free topology and long-distance capability)
- Up to 30 fire damper modules can be connected on one Dupline® network
- The system can be interfaced to the main controller via BACnet or Modbus
- 4-input and 4-input/2-output version
- Powered by bus (SBB4I), 230V or 24 VAC/VDC (SBB4I2Oxxx)

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.

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