# Carlo Gavazzi Automation Components

**CARLO GAVAZZI** 

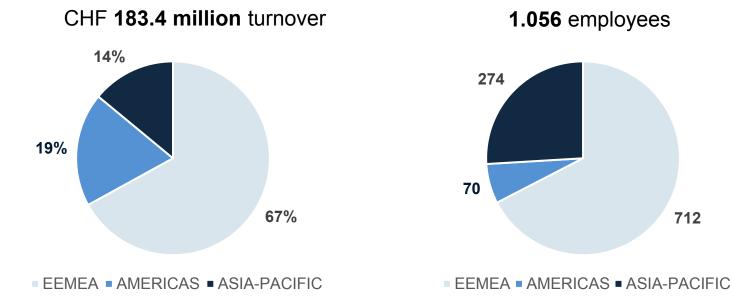
September 2022

# Carlo Gavazzi group



**Carlo Gavazzi** is an international group active in designing, manufacturing and marketing electronic equipment targeted at the global markets of **industrial and building automation**.

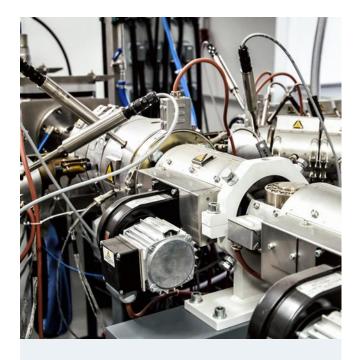
Headquartered in Steinhausen, Switzerland our corporation's shares are quoted on the SIX Swiss Exchange.



### **KEY FIGURES IN FY 2021/2022**

# **Carlo Gavazzi Automation Components**





Industrial automation



**Building automation** 

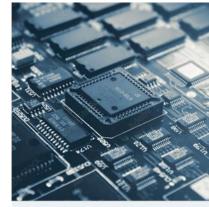
Automation Components is the core business operated by the Carlo Gavazzi Group, providing solutions for the industrial and building automation industries. Original equipment manufacturers (OEMs), system integrators, and distributors are our effective channels to meet our strategic industry initiatives.

### **Industries - Industrial automation**





Agriculture



Semiconductors



Food and beverage



Mobile equipment



Plastics and rubber



Conveyors



Manufacturing machinery

### **Industries - Building automation**





EV charging stations



Energy and building efficiency



Access controls



HVAC



Data centre



PV energy storage systems

### **Products portfolio**



The **Automation Components** business unit provides a wide array of products focusing our expertise on offering state-of-theart product solutions to meet the challenging application requirements of our strategic industries.



# Application-oriented products for the industry 4.0



#### PD30 IO-Link smart photoelectric sensors

Designed to operate in specific applications in strategic industries such as:

- Food and beverage
- Conveyors
- Plastics and rubber

Communication protocol:





#### Carlo Gavazzi Automation Components

### Application-oriented products for the industry 4.0

#### NRG Digital solid state relays

Designed to operate in specific applications in strategic industries such as:

- Semiconductors
- Plastics and rubber

Communication protocols:







### Application-oriented products for the industry 4.0

#### **UWP 3.0**

Designed to operate in specific applications in the following strategic industry:

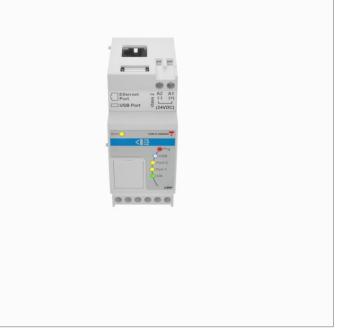
• Energy and building efficiency

Fieldbus communication protocols:

Dupline BACnet Modbus LORaMAN DALL

Internet communication protocol:

MQTT (AZURE/AWS) - FTP/SFTP/FTPS - REST-API - MAIA CLOUD

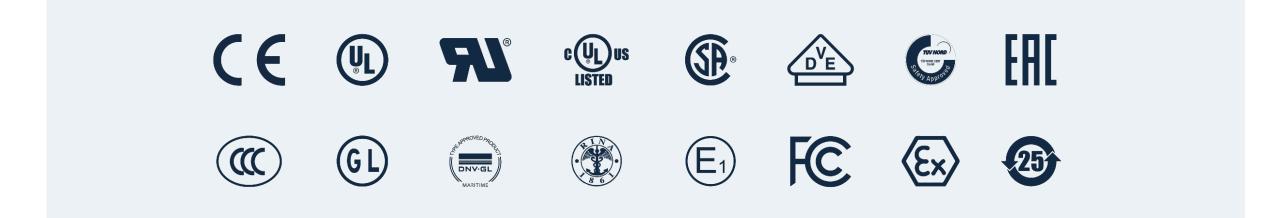




# **Guarantee of reliability**



Carlo Gavazzi **products** earned the independent **approval** of the relevant bodies which govern our industry and the many industries we serve. They are all developed and manufactured in **full compliance** with the most important **international standard regulations.** 



Our entities are operating in line with the requirements of ISO 9001 quality management systems and ISO 14001 environment management systems standard.

### **Our sales network**





Carlo Gavazzi's products are marketed across Europe, the Americas and Asia-Pacific through a network of **23 wholly owned sales companies** and through more than **60 independent national distributors.** The network of competence centers, working in synergy with all the production sites, are focusing on technical innovation and custom design to provide product solutions for our strategic applications.

#### Sales companies **V**

Asia Pacific	Americas	Europe &	EEMEA		Italy	Malta
China	Brazil	Austria	Germany	Portugal	R&D	R&D
Hong Kong	Canada	Belgium	Great Britain	Spain	Product	Product
Malaysia	Mexico	Denmark	Italy	Sweden	management	management
Singapore	United States	Finland	Netherlands	Switzerland	Production site	Production site
Taiwan		France	Norway			

#### Competence centers and Production sites

Denmark	Lithuania
R&D	Production site
Product	
management	

China
R&D
Production site

Carlo Gavazzi Automation Components

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