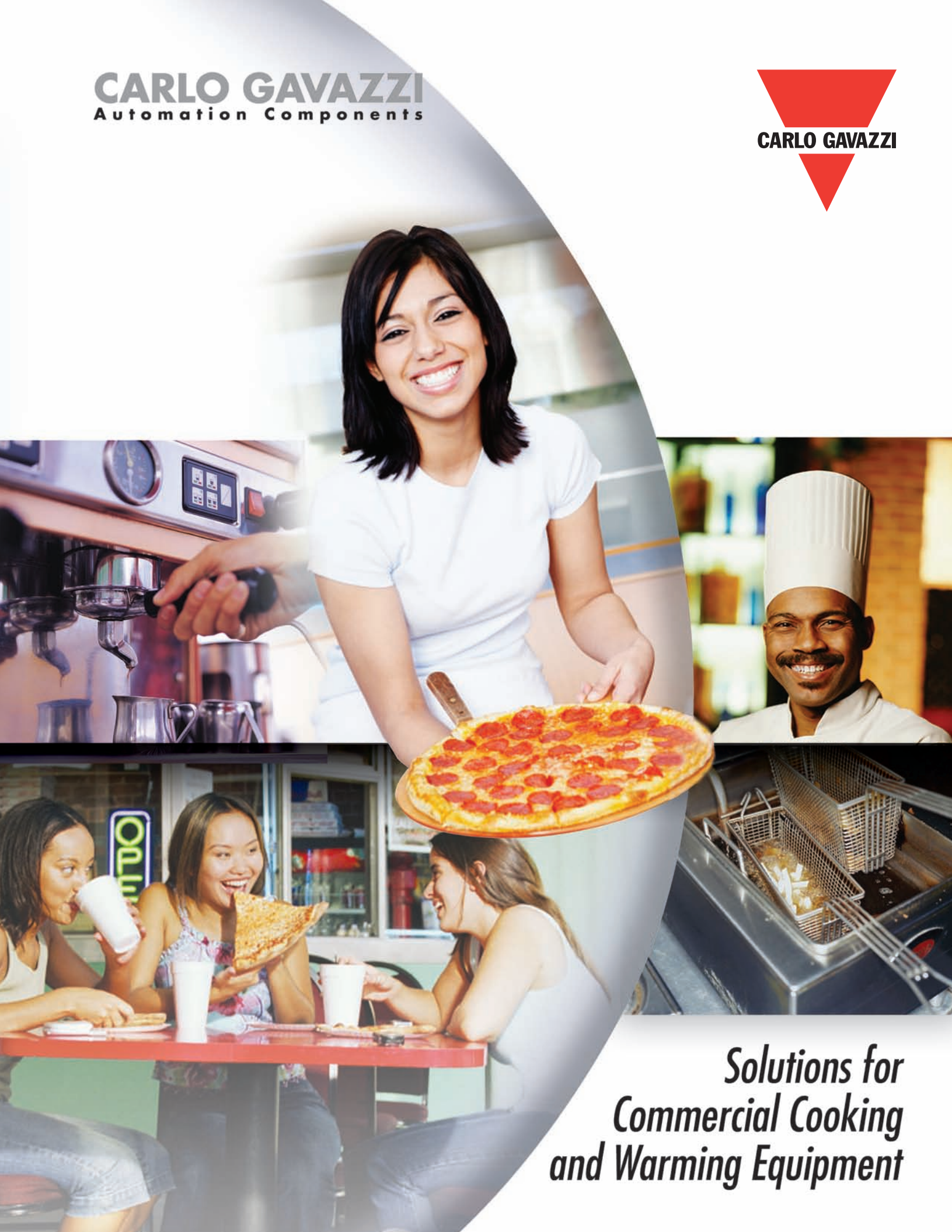


CARLO GAVAZZI
Automation Components



*Solutions for
Commercial Cooking
and Warming Equipment*



With over 40 years expertise in manufacturing components for Commercial Cooking & Warming Equipment, Carlo Gavazzi can provide fully customized solutions, regardless of your requirements.

Control of Heating Loads

Replacement of Mercury Relays

- Save time and money by eliminating RoHS issues
- Saves money by eliminating mercury relay disposal

Prolong Equipment Life

- Trouble-free operation with MTBF approaching twenty years

Decrease Installation and Wiring Time

- Our ThyRex 'Fast-Connect' SSRs provide you with a means to prewire the cable harness, and separately premount the SSRs to the heatsink, thus providing an option for more efficient panel building
- Should the relays ever need replacement, simply unplug the terminals from the ThyRex, replace the relay and then quickly plug back in the terminals

The Best of Both Worlds

- Our RMD1 hybrid relay provides you with a solution to turn on heating loads at zero voltage – which then switches over to an electromechanical relay, which greatly reduces the panel temperature

SSRs with Integrated Heat Sinks

- Saves money by saving panel space with its slim profile

Built-in Cooling Fans Available for High Temperature Applications

- Saves time and money by eliminating the need for complete cabinet cooling

Over-Temperature Protection

- Saves money by protecting equipment and "runaway" process errors

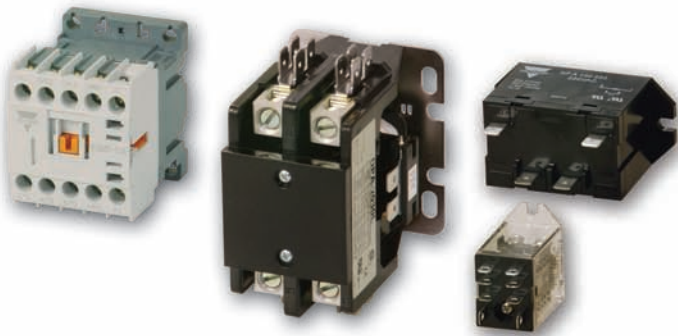
Heater Burn-Out Indication and Protection

- Saves money by protecting equipment and shortening troubleshooting procedures

RoHS
COMPLIANT



Economical Switching of Electrical Loads



Electromechanical Relays

- Provides a compact, reliable way to switch small electrical loads
- DIN rail mount sockets or flange mount relays offer you installation options

Definite Purpose Contactors

- Extremely competitive way to switch electrical loads up to 50 amps
- Quick flange mounting and fast-on connectors decrease installation time

Contactors

- Outstanding price to performance ratio provides an excellent value for switching larger electrical loads

Protecting and Powering Equipment



Voltage and Current Monitoring Relays

- Compact relays protect machinery from voltage surges, overcurrent conditions or phase loss situations, thus prolonging the lifetime of the machinery

Switching Power Supplies

- Cost effective power supplies provide clean DC voltage to the equipment's electrical components when powered by 120 or 220 volts

Presence/Absence Sensors



Magnetic Sensors for Door "Open-Closed" Detection

- Easy to clean, with no crevasses to harbor bacteria
- High temperature ratings to enhance equipment reliability

Photoelectric and Inductive Sensors for Detection of Trays and Equipment Position

- Sensors provide a solid state means to provide feedback that trays are coming, backed up – or a piece of equipment is closed

Level Sensors



Capacitive Level Switches

- Easy to mount, thus saving time, hardware and labor costs
- Self-contained output provides a cost savings, as no separate controller is needed

Reed Type Level Sensors

- Economically priced and easily installed

The Complete Product Package



Sense

Inductive Proximity Sensors
 Tripleshield™ Capacitive Sensors
 Photoelectric Sensors
 Inductive Loop Detectors
 Ultrasonic Sensors
 Level Sensors
 Limit Switches
 Magnetic Switches



Switch

Solid State Relays
 Contactors and Overloads
 Manual Motor Starters
 Motor Controllers
 Variable Frequency Drives
 Electromechanical Relays
 Pilot Devices
 Cam Switches
 Rotary Disconnects



Control

Energy Management
 Digital Panel Meters
 PID Controllers
 Time Delay Relays
 Current Monitoring Relays
 Voltage Monitoring Relays
 Three Phase Monitoring Relays
 Signal Conditioners
 Current Transformers
 Enclosures



Safety

Light Curtains
 Control Modules
 Interlock Switches
 Mat Systems
 Magnetic Sensors



Fieldbus

Dupline Field & Installation Bus
 Building Automation Systems
 Elevator Systems

A Global Force in Industrial Automation

CARLO GAVAZZI has a multitude of sales offices spanning North America (not to mention our hundreds of distributors). Therefore, we can be viewed as "your local automation resource" - assisting you every step of the way in finding the proper solution for your various application requirements. Naturally, our job is greatly simplified as we have such a vast range of solutions to offer you via our comprehensive product package.

Our worldwide sales offices make us an ideal business partner, especially for manufacturers of exported machinery, as our products are available locally and they are CE marked.

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