

Step into an intuitive world...

Zelio Logic
Smart relays



Simply select your Zelio Logic!

Designed for the management of simple automation systems comprising 10 to 40 I/O, Zelio Logic smart relays, with their unique combination of value for money and ease of use, provide a real alternative to solutions based on cabled logic or specific cards.

Simple to select, install and program, Zelio Logic is suitable for all your applications. Flexible, it offers you the choice of 2 ranges - Compact versions with fixed configurations, and Modular versions which allow the use of extension modules and 2 programming languages (FBD or LADDER).

You seek an optimised solution for your simple applications comprising 10 to 20 I/O.

> Zelio Logic Compact Compacity, comfort

optimise the cost of the solution according to your application requirements thanks to the various versions:

- 3 monobloc models with 10, 12 or 20 I/O,
- With or without display and buttons,
- With or without clock.

You seek a solution for demanding applications comprising up to 40 I/O.

> Zelio Logic Modular Performance, flexibility

Simply add communication and I/O extension modules on the Zelio Logic Modular bases for:

- Adding the Modbus (slave) or Ethernet (server) communication network,
- Adding additional analogue inputs with better resolution (10 bits) in addition to those of the base,
- Increasing the number of discrete inputs/outputs at very little cost (up to 40 I/O).



Share information, and keep in contact with your installations

> Network communication extension modules

Easily connect automation system equipment such as displays or PLCs...

- Easily modify your automation system.
- **Modbus Solution** in industry:
 - Small automated machines,
 - Extended automated on middle and big machines.
- **Ethernet solution** for building and tertiary sector,
 - Lighting management,
 - Control access and monitoring management,
 - Heating and air conditioning management.



> Bluetooth® wireless connection interface

Gain freedom of movement!

- Use a wireless connection between your smart relay and PC, for programming, simulating, loading, modifying your program and supervising your installation,
- Up to 10 meters with **Zelio Soft 2** and the Bluetooth® wireless connection, an easy connection even in the most inaccessible places.



> Modem communication interface RTC & GSM

Monitor and control your installations remotely!

- Avoid unnecessary on-site visits: communicate with Zelio Logic using your mobile phone,
- Define your maintenance priorities,
- Perform pre-diagnostics,
- Manage your personal maintenance from anywhere with the (RTC or GSM) modem solution,
- Monitor and remote control your installations using without personnel.

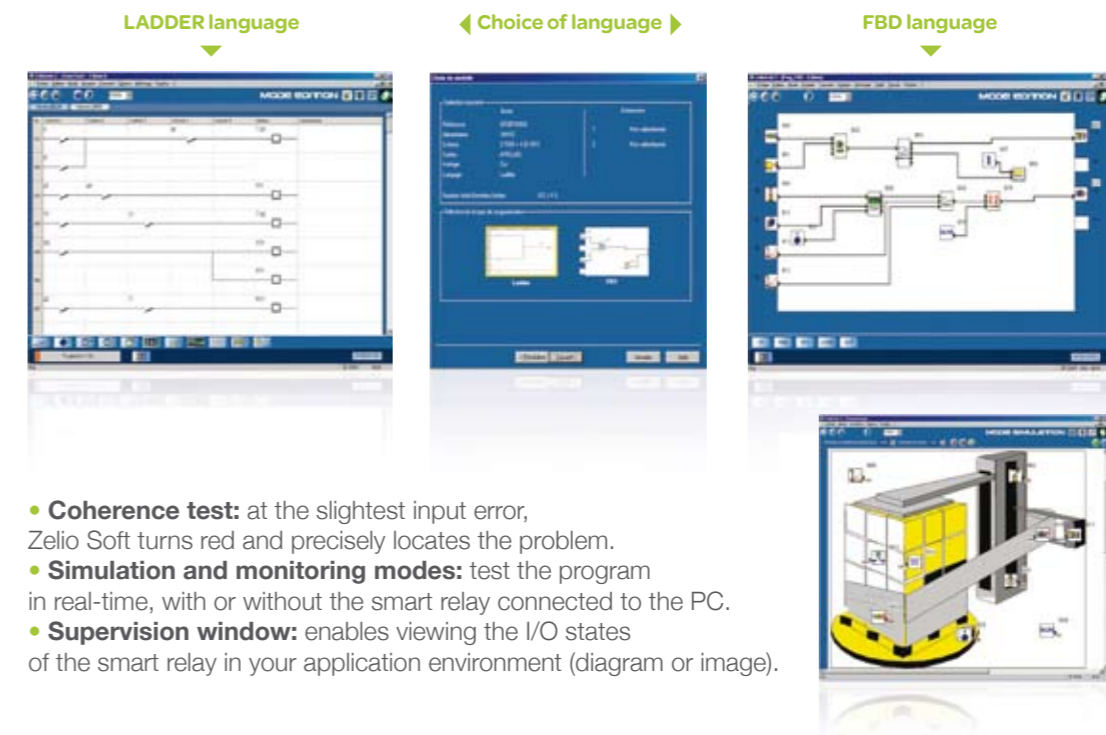


Develop and manage your application

> Fast and reliable programming

With **Zelio soft 2** software, picture the application you have in mind and programming will be second nature.

From an intuitive interface, create and modify your programs in record time using an extensive number of “drag and drop” pre-programmed functions. Whatever your preference, Zelio Soft 2 speaks your language:



- **Coherence test:** at the slightest input error, Zelio Soft turns red and precisely locates the problem.
- **Simulation and monitoring modes:** test the program in real-time, with or without the smart relay connected to the PC.
- **Supervision window:** enables viewing the I/O states of the smart relay in your application environment (diagram or image).

LADDER language: simplicity of programming assured by the universality of the contact language 12 pre-programmed functions.

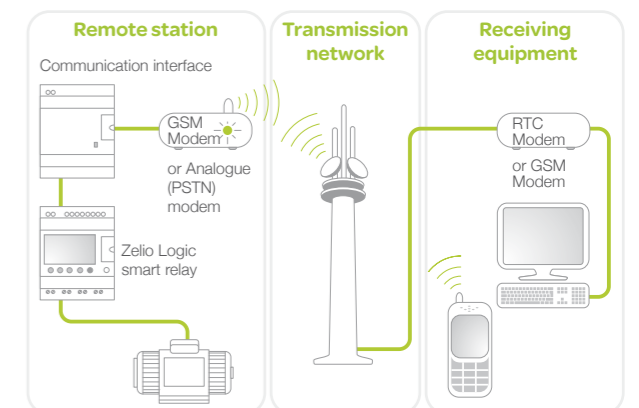
FBD language: programming flexibility and high capacity of processing up to 200 function blocks, which include: 32 pre-programmed fun.

> Monitor and control your installations remotely!

with **Zelio Alarm** software, monitor and control your installations remotely.

- **On-site with a mobile phone:**
 - Receive alert messages via SMS: in the event of the mobile phone being unavailable, the alert is automatically redirected to another mobile phone,
 - Send instructions to a remote smart relay,
 - Obtain information regarding the status of the application components.
- **In the office with Zelio Logic Alarm software:**
 - Benefit from the same functions as those using your mobile phone within the comfort of a PC environment,
 - Manage the composition of your maintenance teams,
 - Easily organise your alarms: classify, archive, sort, export.

100%
Interventions justified
Unlimited activity scope.





Optimise your installation time

> Simple to assemble

Add extension modules on the modular range by **simple clipping-on**.

> Simple to mount

Fixing **without accessories**: DIN rail or panel mounting (retractable fixing lugs).

> Simple to integrate

Extreme **compactness** for reducing the size of your enclosures (H 90 x W 71.2 x D 59 mm for a 12 I/O model).



1 Supply / Inputs

- 24 VAC
- 48 VAC
- 100 - 240 VAC
- 12 VDC
- 24 VDC

2 Inputs

- Limit switches
- 3-wire inductive sensors
- Sensors and potentiometers (0-10 V)

3 Interfaces

- PC programming
- Memory cartridge
- Modem link
- Bluetooth interface
- Link cable for Magelis XBT N*

4 Outputs

- Relay
- Transistors

* Zelio Logic direct connection to optimize your machines, a direct link between Zelio Logic and Magelis XBT N, makes you benefit from all the HMI functions with a Zelio Logic: display, alarm, graphical animations...

> Memory

Back-up of data + date and time:
10 years!

> 100% certified

Standards and certifications:

