



# ALPHA 4/8/12

## Conventional fire detection control panel

- From 4 to 12 detection zones / from 1 to 2 extinguishing zones
- Standard en54-2 / en54-4 (extinguishing: EN 12094-1)

ALPHA 4/8/12, modular, compact and economic, is the adapted solution for small installations.

It is microprocessor controlled with SMD technology and with panel programming it is easy to use and install.

With its 4 zones in the basic version and its design, it is adapted for small installations.

Thanks to its optional modules, ALPHA 4/8/12 can be extended to 12 detection zones maximum (384 conventional points) or 2 extinguishing channels maximum (1 extinguishing channel per extinguishing module). Thanks to its 2 slots ALPHA 4/8/12 can provide the following optimal solutions:

- 4 detection zones + 2 extinguishing channels
- 8 detection zones + 1 extinguishing channel
- 12 detection zones



### Main features

- From 4 (128 points) to 12 (384 points) conventional detection lines
- 2 Extinguishing zones manageable
- 32 detectors and/or MCP each line
- Monitored sounders line
- Day/night mode
- Keyboard programmable ad access level 3
- Easy management

### Electrical specification

Mains supply voltage	230V ~ 50 / 60 Hz
Operating voltage	27Vdc
Wiring	From 0,5 mm <sup>2</sup> (500m max) to 2,5 mm <sup>2</sup> (2500m max)
Batteries	2 x 12V/7,2AH
Maximum current supplied	1A

### Mechanical characteristics

Dimensions (mm) / weight (without batteries)	300x370x118 (h x w x d) / 2Kg
IP rating	31

### Climatic characteristics

Operating temperature	0°C to 50°C
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### Inputs/outputs

AR4D base detection module: 4 detection lines (128 points)	
1 monitored programmable input: external power supply state monitoring (standard configuration), external sounders line activation, external reset panel	
1 monitored sounders line	24V/450mA
1 monitored external power supply output	24V/450mA
4 programmable open collector outputs: alarm, pre alarm, disabled, test, system fault, power supply fault, fault warning, evacuate, active, buzzer on, reset	40V/0,1A
1 Alarm NC/NO & 1 Fault NC/NO relay contact	30V/1A

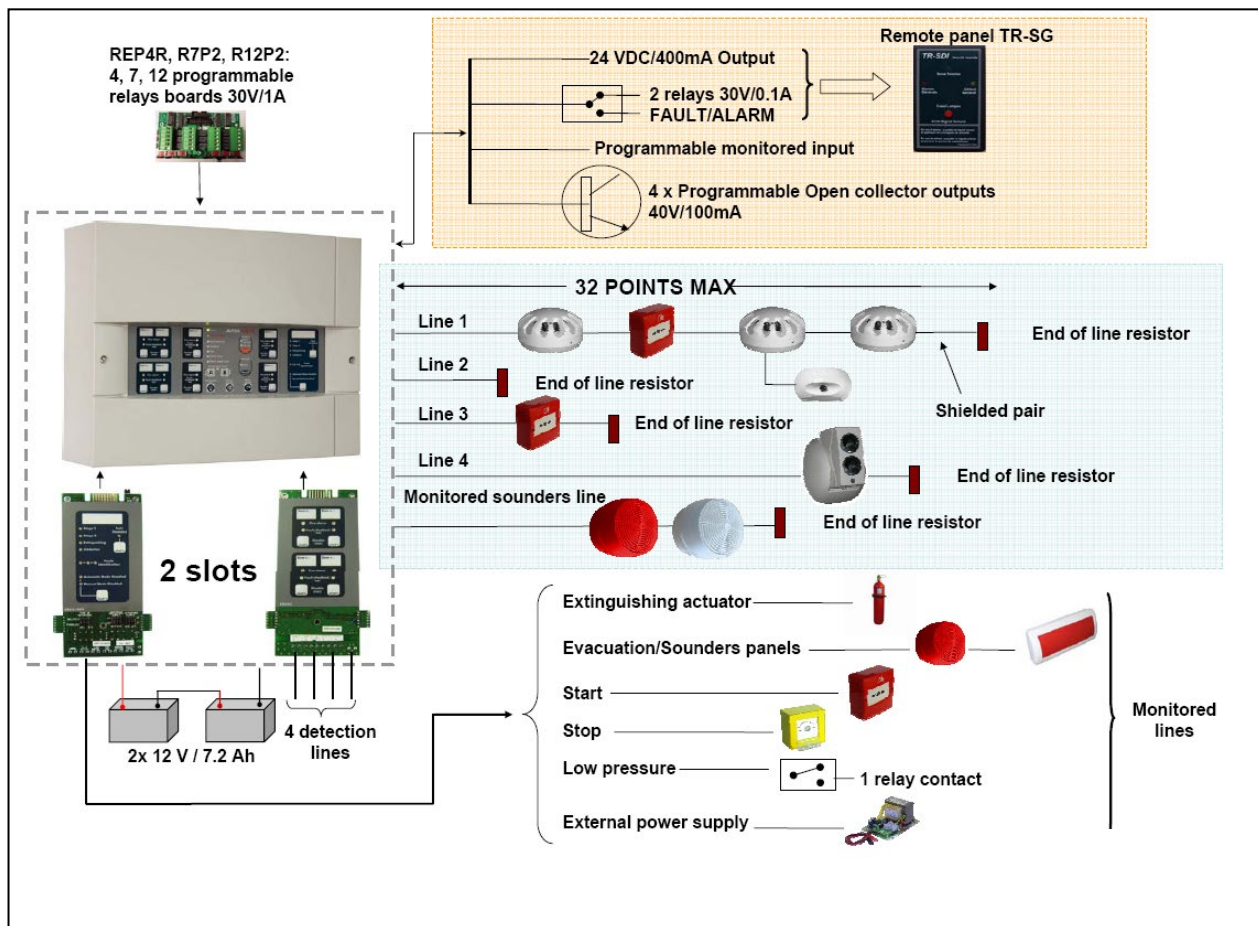
### Options

REP4R, R4P2, R7P2, & R12P2	4, 7, & 12 potential free contact relays boards 30V/1A
EX4A4 detection module	4 detection lines (32 det./line)
DEAG extinguishing module	<ul style="list-style-type: none"> <li>- Extinguishing actuators line (solenoid or pyroelectric), 24Vdc/1,2A</li> <li>- Indicators/sounders line, 24Vdc/1A</li> <li>- Manual extinguishing line</li> <li>- Inhibition line</li> <li>- Pressure contact line</li> <li>- External power supply</li> </ul>



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### REFERENCE

ALPHA 4/8/12

### OPTIONS & ACCESSORIES

EX4A4

EX4A4 (EX)

DEAG

REP4R

R7P2

R12P2

TR-SDI

COA4812

REP4MO

### DESCRIPTION

12 zones fire detection conventional panel equipped with 4 zones

4 zones expansion board

4 zones expansion board for intrinsically safe products management

1 zone extinguishing board

4 programmable relays board (free voltage contact) 30V/1A

7 relays board (free voltage contact) 30V/1A

12 relays board (free voltage contact) 30V/1A

Remote indicator panel with leds and function keys

Empty box covered to contain extra batteries

4 Separated monitored ways sounder circuit extension board

