



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 characteristics

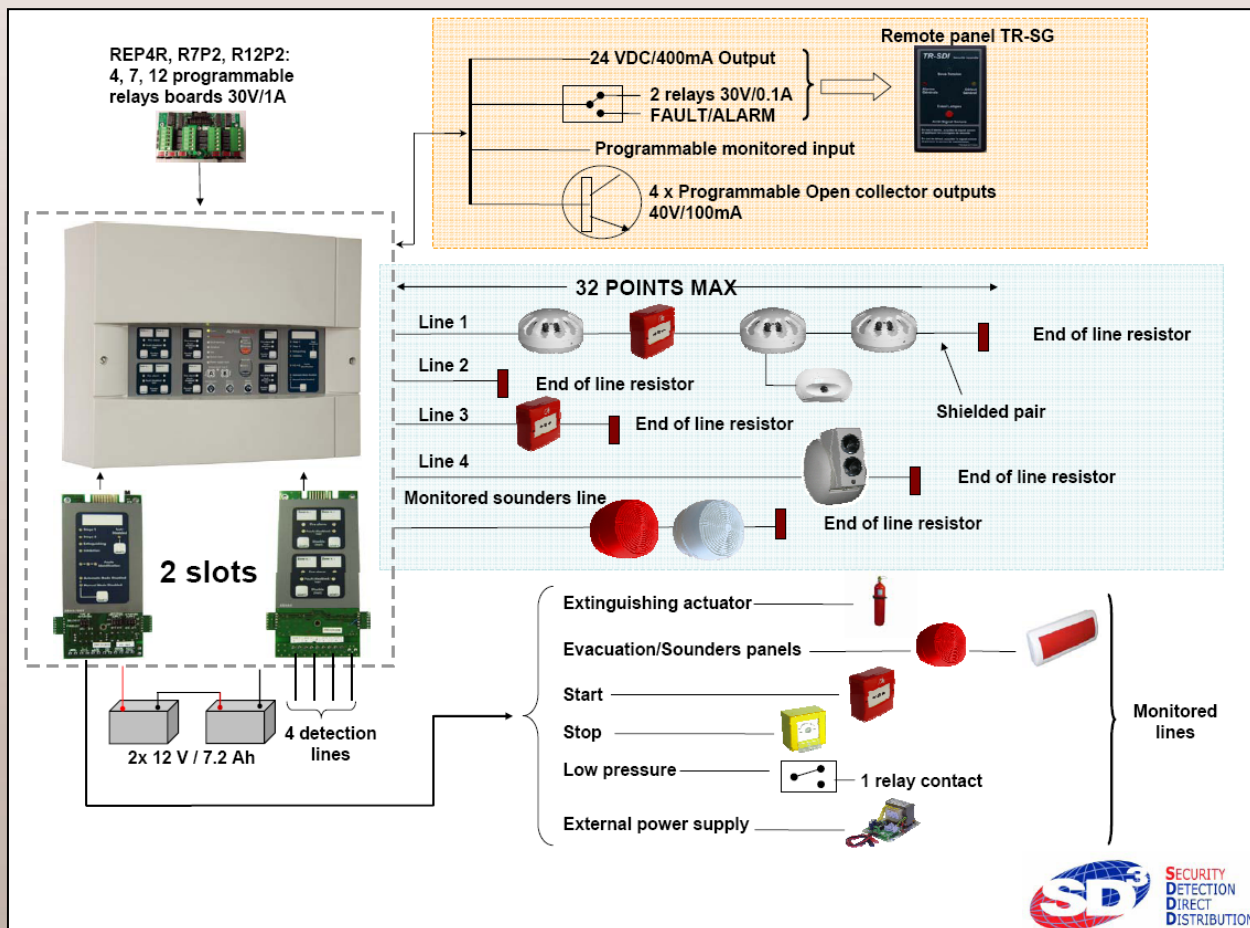
- From 4 (128 points) to 12 (384 points) conventional detection lines
- Possibility to manage 2 extinguishing channels maximum
- 32 detectors and/or manual call points per line
- Monitored sounders line
- Day/night mode
- Programming by keyboard at access level 3
- Easy management

Electrical specification	
Mains supply voltage	230V ~ 50 / 60 Hz
Operating voltage	27Vdc
wiring	From 0,5 mm ² (500m max) to 2,5 mm ² (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
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"> - Extinguishing actuators line (solenoid or pyroelectric), 24Vdc/1,2A - Indicators/sounders line, 24Vdc/1A - Manual extinguishing line - Inhibition line - Pressure contact line - External power supply



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REFERENCE
 ALPHA 4/8/12
OPTIONS & ACCESSORIES
 EX4A4
 EX4A4 (EX)
 DEAG
 REP4R
 R4P2
 R7P2
 R12P2
 TR-SD1
 COA4812

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/0,3A
 4 relays board (free voltage contact) 30V/0,3A
 7 relays board (free voltage contact) 30V/0,3A
 12 relays board (free voltage contact) 30V/0,3A
 Remote indicator panel with leds and function keys
 Empty box covered to contain extra batteries

