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***

Caractéristiques principales



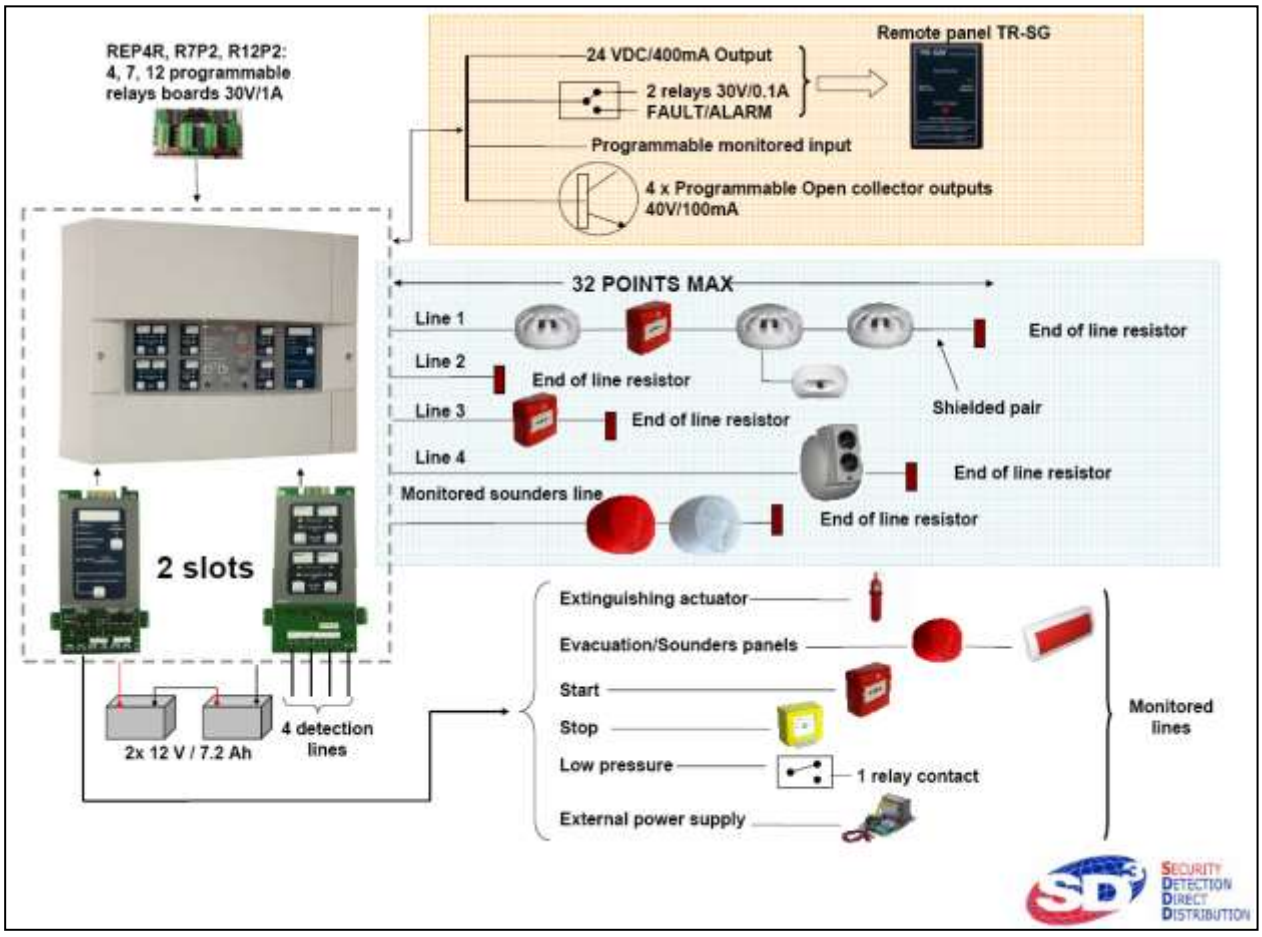
- De 4 (128 points) à 12 (384 points) lignes de détection conventionnelles
- Possibilité de gérer un maximum de 2 zones d'extinction
- 32 détecteurs et/ou déclencheurs manuels par ligne
- Ligne de diffuseurs sonores surveillée
- Mode jour/nuit
- Programmation par clavier au niveau d'accès 3
- Gestion facile

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	- 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	***DESCRIPTION***
ALPHA 4/8/12	**12 zones fire detection conventional panel equipped with 4 zones**
OPTIONS & ACCESSORIES	
EX4A4	**4 zones expansion board**
EX4A4 (EX)	**4 zones expansion board for intrinsically safe products management**
DEAG	**1 zone extinguishing board**
REP4R	**4 programmable relays board (free voltage contact) 30V/0,3A**
R4P2	**4 relays board (free voltage contact) 30V/0,3A**
R7P2	**7 relays board (free voltage contact) 30V/0,3A**
R12P2	**12 relays board (free voltage contact) 30V/0,3A**
TR-SDI	**Remote indicator panel with leds and function keys**
COA4812	**Empty box covered to contain extra batteries**

Security Detection Direct Distribution 41 rue du saule Tel : +33 (0)1 60 13 67 24
Fax : +33 (0)1 60 13 67 26
e-mail : sd3@sd3.net