ALPHA 2

2 zones conventional fire detection control panel

- **Small, compact and easy to install**

The **ALPHA 2** unit is a fire detection panel. It has been developed and engineered **according to European standards: EN 54-2 and EN 54-4.**
It has 2 resistive monitored conventional lines which are physically separated. The panel can receive at maximum **64 detectors and/or manual call points** in total.
Each zone has visualization indicators which give immediate signalization of alarm, fault and enabling/disabling. All signalisations of the panel are available through leds and piezoelectric buzzer.
Control functions are available on a membrane keyboard.
ALPHA 2 is recommended for small conventional installations with 64 points maximum.

Main characteristics

- 2 monitored conventional lines
- Maximum 32 detectors and/or manual call points per line
- Monitored sounders line
- Auto powered sounders line
- External power supply outputs
- Programmable open collector output
- Level 2 access code.
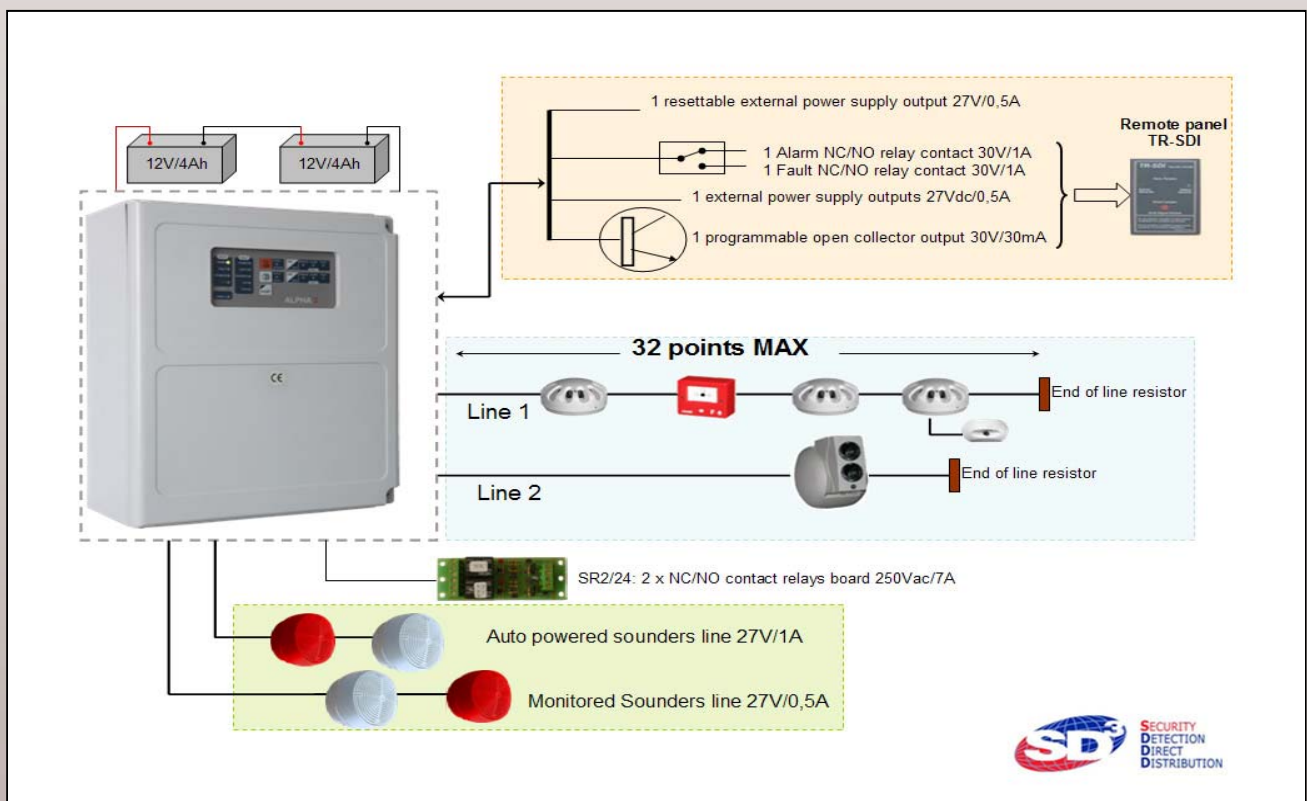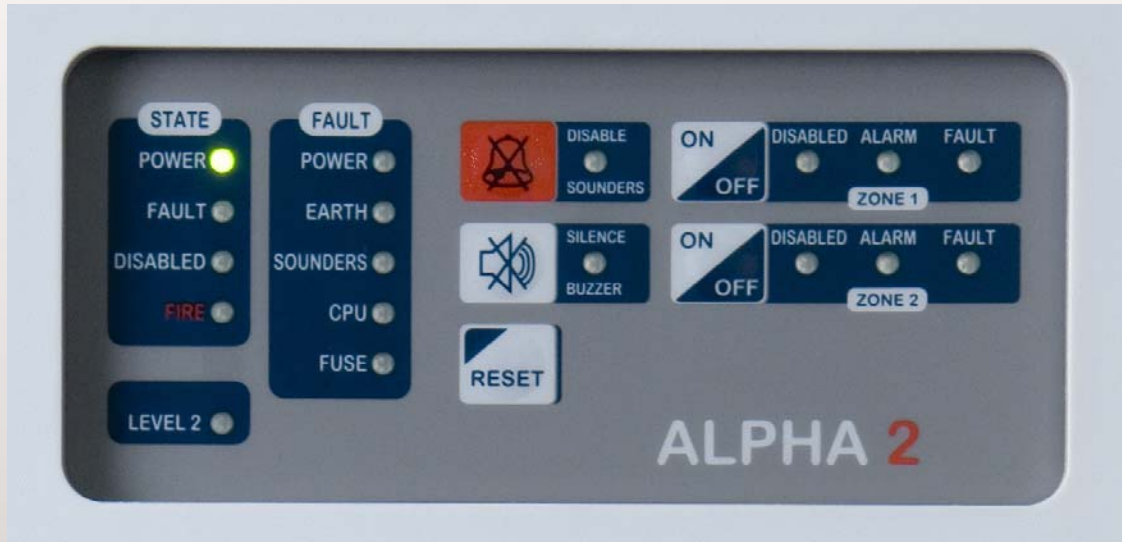- Easy management
- Small size plastic box

Electrical specification	
Mains supply voltage	230V +10%/-15% ~ 50Hz/60Hz
Maximum absorbed current from mains	< 110mA
Min/max output voltage	Min=21V, max=28,5V
Batteries	2 sealed lead batteries connected in series, 12V 4Ah
Mechanical characteristics	
Unit dimensions (in mm)	300 x 260 x 125 (h x w x d)
Material	White plastic box (IP 30)
Climatic characteristics	
Operating temperature	-5°C ± 3°C... 40°C ± 2°C
Operating relative humidity	93% with no condensation
Outputs	
1 monitored sounders line	27V/0,5A
1 auto powered sounders line	27V/1A
1 external power supply output	27V/0,5A*
1 resettable power supply output	27V/0,5A*
1 Alarm NC/NO & 1 Fault NC/NO relay contact	30V/1A
1 programmable open collector output (repetition of fault, pre-alarm, alarm, silence buzzer, disable)	30V/30mA

* The sum of the currents absorbed in continuous by external devices must not exceed 0,1A in continuous and 0,5A for short periods (max 30min. with batteries connected and charged).

SD3
A world of fire detection equipment

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12V/4Ah   12V/4Ah

1 resettable external power supply output 27V/0,5A

Remote panel TR-SDI

1 Alarm NC/NO relay contact 30V/1A
1 Fault NC/NO relay contact 30V/1A
1 external power supply outputs 27Vdc/0,5A
1 programmable open collector output 30V/30mA

32 points MAX

Line 1
Line 2

End of line resistor
End of line resistor

SR2/24: 2 x NC/NO contact relays board 250Vac/7A

Auto powered sounders line 27V/1A

Monitored Sounders line 27V/0,5A

REFERENCE	DESCRIPTION
ALPHA 2	2 zones conventional fire detection control panel
OPTION &ACCESSORIES	
SR2/24	2 relays board
TR-SDI	Remote indicator panel with leds and function keys