



FIRE

Automatic fire detection systems

Conventional systems

Conventional fire detection control unit AC904



SF10

SF11

AC904

Main features of conventional central unit:

- 4 alarm zones
- 2 programmable sounder outputs: the sounder will sound when all 4 zones or the zones selected by the user are in alarm.
- A general alarm relay with potential free contact programmable NO or NC, that always activates in case of alarm.
- A fault relay which changes its state after any event of system failure or lack of power.

Strengths of AC904 central unit

- The unit requires no programming
Configurations suitable for most requirements are already set by default.
- Ability to distinguish between an alert alarm made by a break glass call point or by a smoke detector connected to the same zone.
- CPD approval of the central unit and all associated peripherals.

Addressable systems

Addressable fire detection control units AC921, AC922, AC924



PE09IND



SF910



SF91T

AC921

AC922



Main features of the addressable central units:

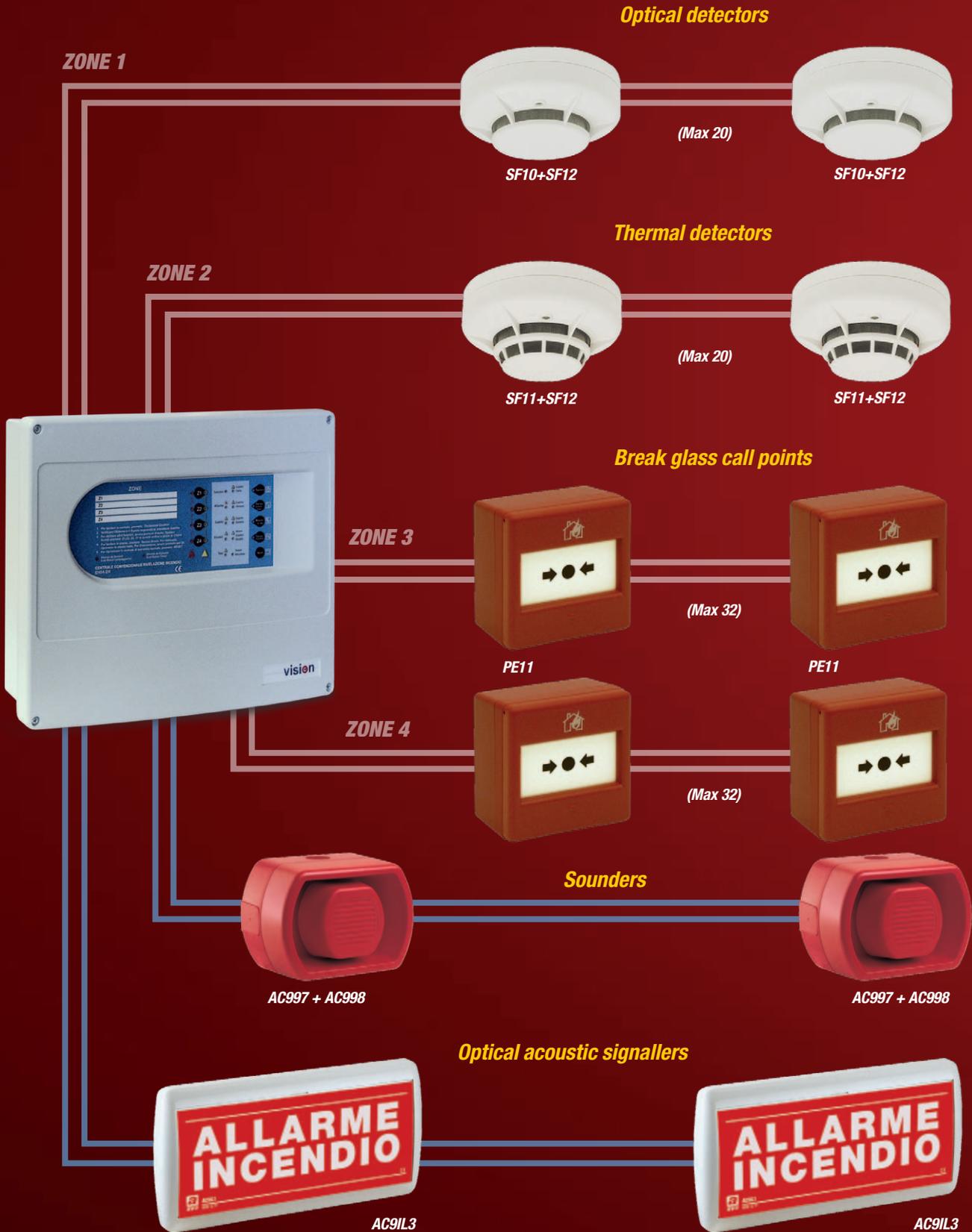
- 40 programmable areas (20 per AC921)
- 2 programmable sounder outputs (2x500mA)
- 2 alarm relays, one programmable
- 1 fault relay
- 5 programmable inputs, 2 supervised
- Auxiliary power supply of 250 mA
- Loop current of 500 mA
- RS485 output to connect up to 31 remote panels
ACPR900A (active max.16)
- Removable terminal blocks

Strengths of addressable central units:

- Auto-programming fast and simple.
- Sounder bases and addressable sounders available
- CPD approval of the central unit and all associated peripherals.

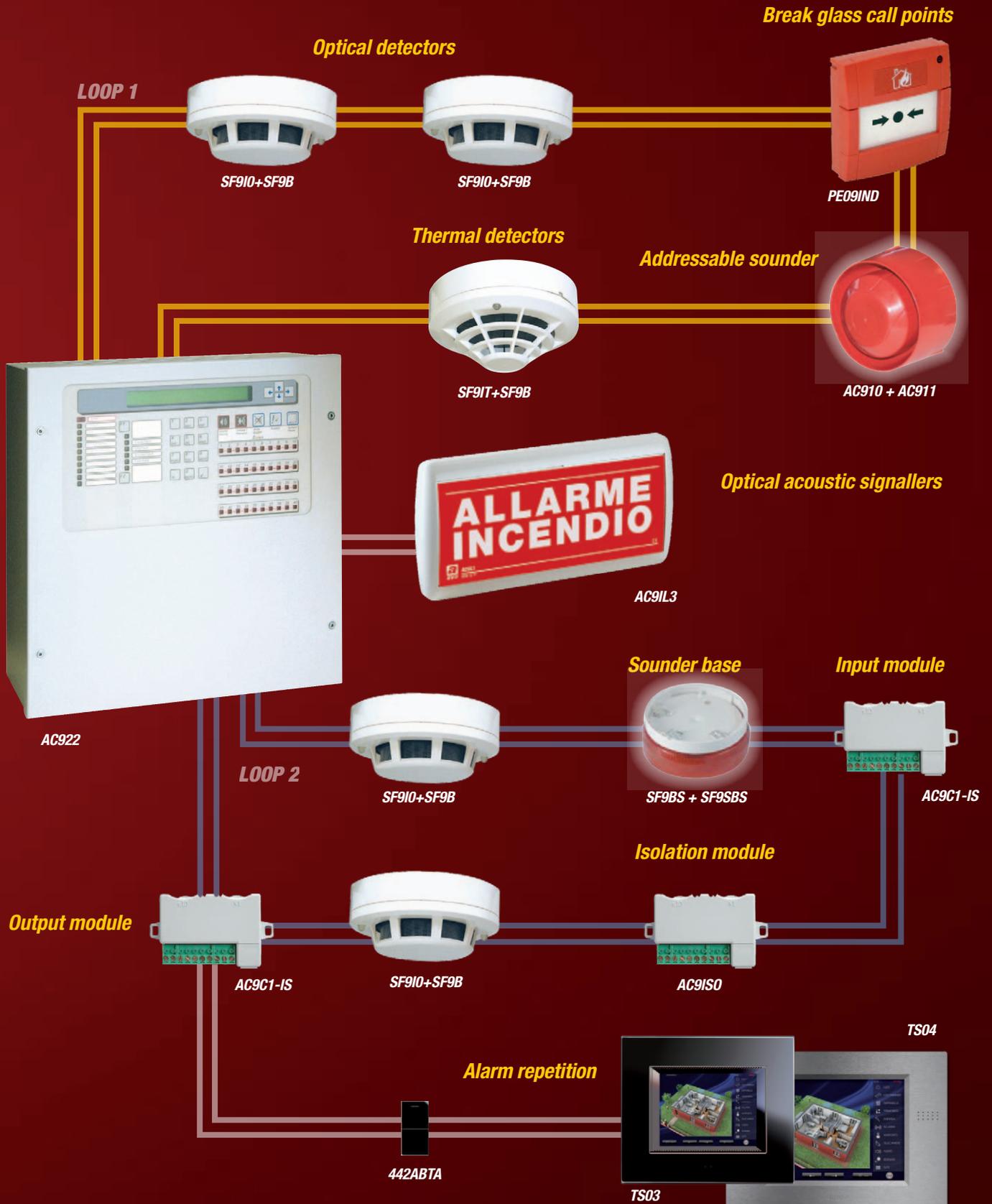
Conventional systems

Overview



Addressable systems

Overview



Conventional systems



SF10 + SF12



SF11 + SF12



AC904



AC921



AC922



AC924



SF910



SF91T



AC9M1-IS
AC9C1-IS
AC9MC1



ACPR900A



PE09IND



AC910



SF9BS

AC904 4 zones conventional control unit

SF10 Conventional optical smoke detector

SF11 Conventional rate of rise heat detector

SF12 Base for SF10 and SF11 conventional detectors

Addressable systems

AC921 1 loop fire detection control unit having the possibility of connecting 99 detectors (SF910, SF910T, SF91T) and 99 I/O modules - Dimensions 380x240x110mm

AC922 2 loop fire detection control unit having the possibility of connecting 198 detectors SF910, SF910T, SF91T) and 198 I/O modules - Dimensions 375x375x110mm

AC924 4 loop fire detection control unit having the possibility of connecting 396 detectors SF910, SF910T, SF91T) and 396 I/O modules - Dimensions 375x620x110mm

ACPR900A Remote control and display panel for AC921, AC922, AC924

SF910 Addressable optical smoke detector for AC921, AC922, AC924 control units

SF91T Addressable rate of rise heat detector for AC921, AC922, AC924 control units

SF9B Base for SF910, SF910T, SF91T detectors

AC9ISO Isolation module for AC921, AC922, AC924 control units

AC9M1-IS One input addressable module with isolation for AC921, AC922, AC924 control units

AC9C1-IS One output addressable module with isolation for AC921, AC922, AC924 control units

AC9MC1 One output and one input addressable module for AC921, AC922, AC924 control units

PE09IND Addressed break glass call point for analogic control unit, with short-circuit insulator included. Available with resettable membrane

PE97 Spare glass for PE09IND

AC910* Addressable sounder with isolator. Power by loop. Stand-by consumption 120µA, 3,7mA in alarm condition. Acoustic pressure: 102dB at 1 m

AC911* Base for addressable sounder AC910

SF9BS* Sounder Base with Isolator

SF9SBS* Support for sounder base SF9BS

* For availability please contact sales dept.

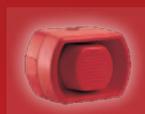
Alarm devices and accessories



AC999BD



AC9RP1



AC997+AC998



AC9IL3



ACMAG01



ALI2450



ALI2415



PE90



PE10



PE11

AC999BD Bell for fire fighting alarm. Acoustic pressure 93dB at 1m

AC9RP1 Optical signal repeater for fire detector

AC9IL3 Optical acoustic signaller for fire alarm signalling. 12/24Vdc power supply. Consumption 66mA at 12Vcc, 58mA at 24Vcc. Optical part made with a high-brightness LED. Acoustic pressure 108db at 1m. IP40 protection degree. Dimensions 365x180x50mm

AC997 Electronic sounder

AC998 IP54 base for electronic sounder AC997

AC998S IP55 base for electronic sounder AC997

ACMAG01 Electromagnet for fire doors retention 50kg - release button

ALI2415 24V/1,5A power supply - Dimensions 250x290x180mm

ALI2450 24V/5A power supply - Dimensions 260x150x250mm

Break glass call points

PE10 Break glass call point for conventional alarm activation. N.° 1 switching contact 24Vdc/3A. IP67 protection degree

PE11 Break glass call point for conventional alarm activation. N.° 1 switching contact 24Vdc/3A. IP42 protection degree. Supplied with resettable device

PE90 Hammer with chain for PE03 and PE04

PE91 Spare glass for PE01

PE94 Spare glass for PE06, PE07

PE96 Spare glass for PE10, PE11

Batteries

AF912 Rechargeable battery 12V 6,5Ah (for AF921, AC922 and AC904)

AF918 Rechargeable battery 12V 4,2Ah (for ALI2415)

AF919 Rechargeable battery 12V 12Ah (for ALI2450 and AC924)

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800 015 072
+39 030 24981

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