

# CATALOGUE



**Complete range of products and systems  
for fire alarm installations**

[www.sd3.fr](http://www.sd3.fr)



A world of fire detection equipment

## SD<sup>3</sup> : A WORLD OF FIRE DETECTION EQUIPMENT

### Our company

SD<sup>3</sup> is specialized in sales, marketing, training and technical support of fire alarm products manufactured by our French panels and detectors' factories.

### Experience and world expansion

We are part of the first French manufacturer of fire alarm systems and fire protection solutions in France with more than 60 years of experience. SD<sup>3</sup> is dedicated to collaborate with a network of partners all over the world.

### A French label and certifications

Our «made in France» label, experience, certifications and the wide range of quality products make of us your ideal partner.

### Diversified products for different application areas and installation

Our variety of products allows you to offer systems from the basic installation to the most advanced ones.

It also enables you to supply products in different fields of application : Hotels, buildings, shopping mall etc...as well as in the industrial one like nuclear power stations, specific storages, oil and gas environment etc...

### Customization

We offer you the possibility to label our main products with your brand which will allow to expand our presence in new markets and build stronger partnerships.

We look forward to a fruitful partnership.

**Bernard Mongelli**

Director

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**SD³ represents the export department of these factories all over the world.**

**Location : Massy (Paris) FRANCE**



**First French fire alarm manufacturer**



**Detectors, Call points, Modules**

**Location: Dadonville FRANCE**

Created in 1989, FARE is specialised in developing and manufacturing conventional and addressable detectors.

**FARE CERTIFICATIONS :**  
ISO / AFNOR / BOSEC-ANPI / CPD/CPR by notified body



**Conventional and Intelligent/Addressable panels**

**Location: Dadonville FRANCE**

SEFI was founded in 1970. The company manufactures conventional and addressable fire alarm panels and auxiliaries.

**SEFI CERTIFICATIONS :**  
ISO / AFNOR / BOSEC-ANPI / CPD/CPR by notified body



**Sounders and flashes**

**Location: Massy (Paris) FRANCE**

**SESSY CERTIFICATIONS :**  
AFNOR / BOSEC-ANPI / CPD/CPR by notified body



**Gas detectors and panels, Power supply**

**Location: Verona ITALY**

**DELTA ERRE CERTIFICATIONS :**  
ISO / AFNOR / BOSEC-ANPI / CPD/CPR by notified body



**Extinguishing system**

**Location: Paris FRANCE**

**EXTINCTIUM CERTIFICATIONS :**  
ISO / AFNOR



**Stand alone detector**

**Location: Pithivier FRANCE**

**SHD CERTIFICATIONS :**  
ISO / AFNOR



**Commercial relationship**



**Technical trainings Assistance**



**Distribution under the factories brand all over the world**





**CONVENTIONAL SYSTEMS ..... 6-15**

Panels ..... 8  
Fire detectors ..... 10  
Manual call points ..... 11  
Air duct detection ..... 12  
Digital linear heat detection ..... 12  
Stand alone detectors ..... 13  
Gas alarm detectors ..... 13

**CONVENTIONAL GENERAL VIEW ..... 14-15**

**PANELS**

**From 4 up to 12 zones**

**Options**

**ALPHA 4/8/12**

12 ZONES FIRE DETECTION CONVENTIONAL PANEL equipped with 4 zones (max 12 zones) - max 32 detectors and/or MCP per line.

- Alarm/fault relays, 1 monitored sounders line, 4 programmable open collectors, 1 programmable input.
- Alarm prealarm/management + Day night mode. Expandable panel with availability of 2 rooms for one or two 4 zones expansion board (EX4A4) or one or two Extinguishing boards (DEAG).
- EN54-2, EN54-4, EN54-13 AFNOR, BOSEC, CE CPD/CPR, EN12094-1 with extinguishing board (DEAG).
- Needs 2 batteries 12V/7Ah
- Exists also in 110VAC version

**Expansion zone**

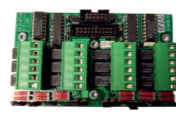


**EX4A4**  
4 ZONES EXPANSION BOARD, max 32 detectors and/or MCP per line, 1 or 2 EX4A4 boards can be plugged in ALPHA 4/8/12 and permits to expand the panel to 8 (with 1xEX4A4) or to 12 zones (with 2xEX4A4)

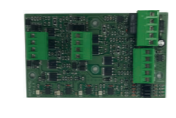
**Relay Card**



**REP4R**  
4 WAYS RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, connection by wires with programmable open collectors of ALPHA 4/8/12

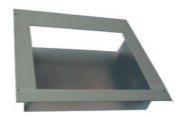


**R12P2**  
12 WAYS RELAY CARD, NO-NC 30V/1A, to be plugged inside ALPHA 4/8/12 panel, serial communication, permits to repeat states of the panel on 12 relays



**REP4MO**  
4 SEPARATED MONITORED WAYS SOUNDER CIRCUIT extension board, permits to have 4 monitored sounder circuits. To be plugged inside the panel

**Flushmounting**



**ALP24-KIT19**  
FLUSH MOUNTING METALLIC FRAME and backbox for ALPHA 4/8/12 or HEPHAIS 128

**With fire brigade key**

**ALPHA 4/8/12 FBKEY**

12 ZONES FIRE DETECTION CONVENTIONAL PANEL equipped with 4 zones (max 12 zones) - INCLUDING INTEGRATED FIRE BRIGADE KEY PROCESS (Action of key disable all function buttons). - Max 32 detectors and/or MCP per line.

- Alarm/fault relays, 1 monitored sounders line, 4 programmable open collectors, 1 programmable input.
- Alarm prealarm/management + Day night mode. - Expandable panel with availability of 2 rooms for one or two 4 zones expansion board (EX4A4) or one or two Extinguishing boards (DEAG).
- EN54-2, EN54-4 AFNOR, BOSEC, CE CPD, EN12094-1 with extinguishing board (DEAG). Needs 2 batteries 12V/7Ah

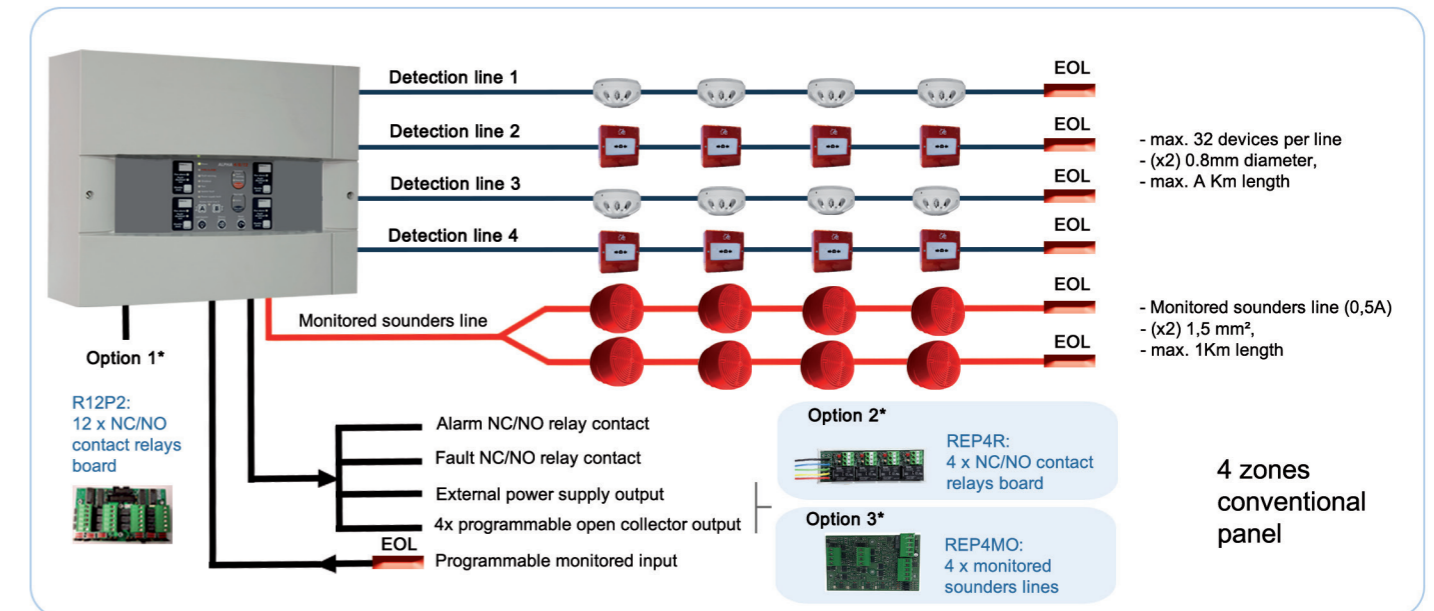
**Accessories**

**TR-SDI**

REMOTE INDICATOR PANEL with leds and function keys, to repeat general alarm and fault, local test leds and silence buzzer



**ALPHA 4/8/12 : 4, 8 or 12 CONVENTIONAL ZONES PANEL**



\*Note: The panel support one option only.

## FIRE DETECTORS

### 05 range



#### OC05

CONVENTIONAL OPTICAL SMOKE DETECTOR, 1 remote led output, EN54-7, CE according to CPD/CPR



#### TRC05

CONVENTIONAL RATE OF RISE + FIXED HEAT DETECTOR, T° = 62°C, + 9°C/min, 1 remote led output, EN54-5, CE according to CPD/CPR



#### TSC05-A1S

CONVENTIONAL FIXED HEAT DETECTOR, T° = 62°C, 1 remote led output, EN54-5, CE according to CPD/CPR



#### TSC05-BS

CONVENTIONAL FIXED HEAT DETECTOR, T° = 75°C, 1 remote led output, EN54-5, CE according to CPD/CPR

### 12Vdc application with 05 range



#### OC05.12 or OC05.12-AR

CONVENTIONAL OPTICAL SMOKE DETECTOR, for 12V security type systems, to be used with R05 relay board, alarm latched or autoresettable (AR version)



#### TRC05.12 or TRC05.12-AR

CONVENTIONAL RATE OF RISE + FIXED HEAT DETECTOR, T° = 62°C, + 9°C/min, for 12V security type systems, to be used with R05 relay board, alarm latched or autoresettable (AR version)



#### TSC05-A1S.12 or TSC05-A1S.12-AR

CONVENTIONAL FIXED HEAT DETECTOR, T° = 62°C, for 12V security type systems, to be used with R05 relay board, alarm latched or autoresettable (AR version)



#### TSC05-BS.12 or TSC05-BS.12-AR

CONVENTIONAL FIXED HEAT DETECTOR, T° = 75°C, for 12V security type systems, to be used with R05 relay board, alarm latched or autoresettable (AR version)

### Bases and accessories



#### S05SE

UNIVERSAL BASE WITH STICK ADDRESS SOCKET for 05-range conventional and addressable detectors



#### PES05

FLUSHMOUNTING PIECE FOR BASE (Base not included), permits to flushmount a 05 range detector



#### SOUND05+S05SE

BASE WITH INTERNAL SOUNDER 95db @ 1m, Possibility to select 6 tones and 3 intensity levels, EN54-3, CE according to CPD/CPR



#### R05

RELAY BOARD (12V or 24V) for 05 detectors (to be plugged in S05), NO-NC 30V/1A



#### CS05

PROTECTION PLATE for S05 base, permits to cover a base without detector



#### BRI/EM + S05SE

Universal base with GLANDS HOLE for 05 range, base for tubes connections



#### BRI+S05SE

WATERPROOF universal base with glands for 05 range (IP65), base for tubes connections supplied with glands



#### GAV

ANTIVANDALISM protection grid

## FLAME DETECTORS



#### IRY2+S95

CONVENTIONAL INFRARED FLAME DETECTOR, 1 remote led output, vision cone ± 45°, Distance max 25m, EN54-10 class 1 and 2, CE according to CPD/CPR, base included



#### IRY2-IP65

CONVENTIONAL INFRARED FLAME DETECTOR, 1 remote led output, vision cone ± 45°, Distance max 25m, IP65 box, dim 225x175x80, CE according to CPD/CPR

## MANUAL CALL POINTS

### 05 range



#### DMCL05

CONVENTIONAL MANUAL CALL POINT resettable with key without breaking glass, led and alarm resistor integrated, RED colour, EN54-11, CE according to CPD



#### DMCL05-J

CONVENTIONAL MANUAL CALL POINT resettable with key without breaking glass, led and alarm resistor integrated, YELLOW colour



#### DMCL05-B

CONVENTIONAL MANUAL CALL POINT resettable with key without breaking glass, led and alarm resistor integrated, BLUE colour



#### PEDM

PLASTIC FRAME for flush mounting MCP



#### VPDM

TRANSPARENT LIFT-UP protective cover for MCP, permits a double action (supplied with protection label)



#### KCTDM

KIT OF 10 RESET KEYS for 05 MCP

### 05 waterproof MCP



#### DMC05 E

CONVENTIONAL WATERPROOF MANUAL CALL POINT resettable with key without breaking glass, led and alarm resistor integrated, RED colour, EN54-11, CE according to CPD/CPR

# CONVENTIONAL SYSTEMS

## AIR DUCT DETECTION

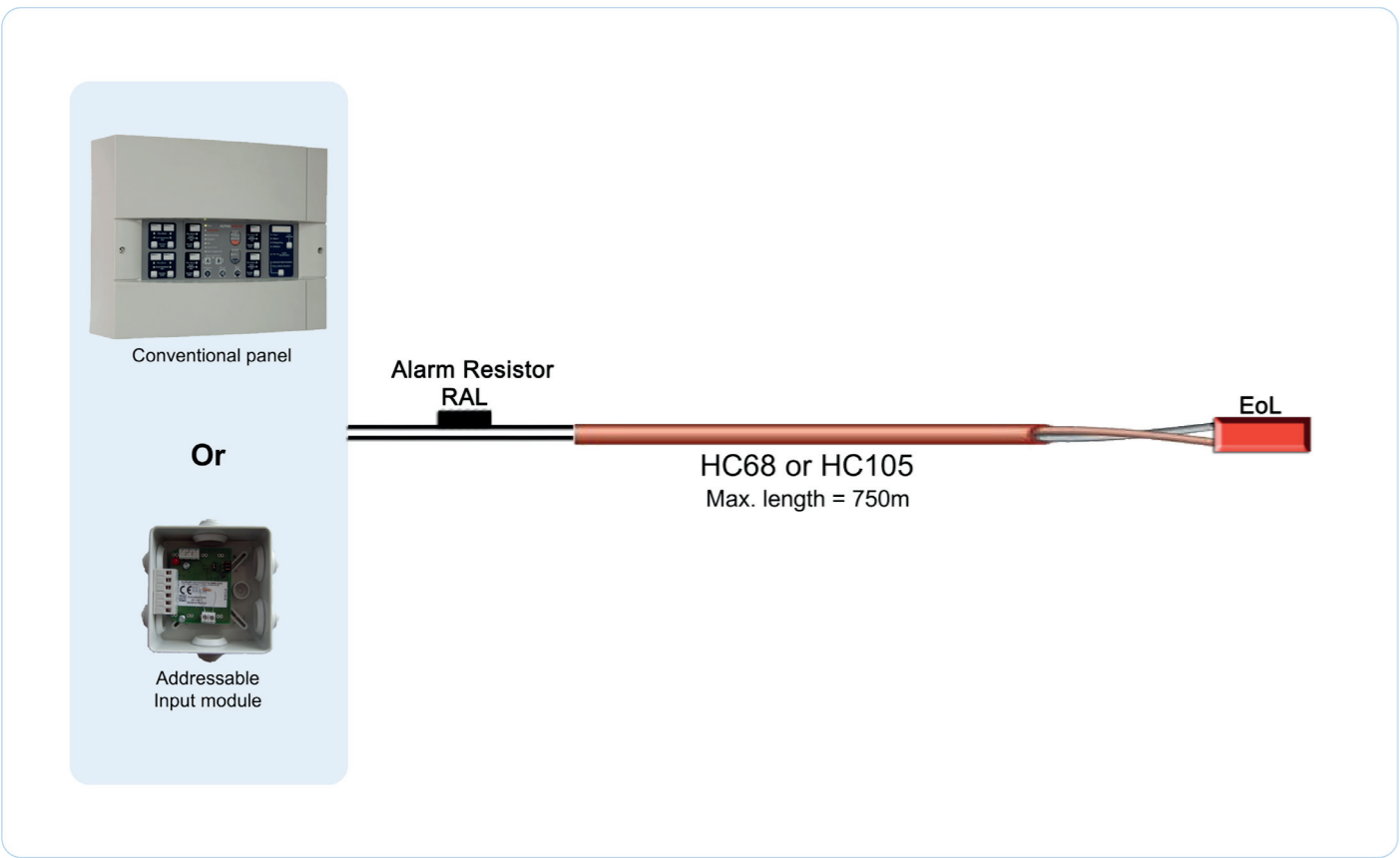


**BTG05-P5901**  
AIR DUCT DETECTOR HOUSING for 05 range (optical detector not included), dimensions 220x186x105mm, IP55

## DIGITAL LINEAR HEAT DETECTION

**HC68**  
LINEAR HEAT DETECTION cable 68° (price per meter) connectable directly to conventional panels or addressable modules

**HC105**  
LINEAR HEAT DETECTION cable 105° (price per meter) connectable directly to conventional panels or addressable modules



# CONVENTIONAL SYSTEMS

## STAND ALONE DETECTORS

### SMOKE ALARM DETECTOR

**DOF49**  
DOMESTIC PHOTOELECTRIC SMOKE ALARM DETECTOR with 9V battery, 5 years life duration, 6 years warranty, CE EN14604 according to CPD (Exists also with lithium battery 9Vdc 10 years life duration)

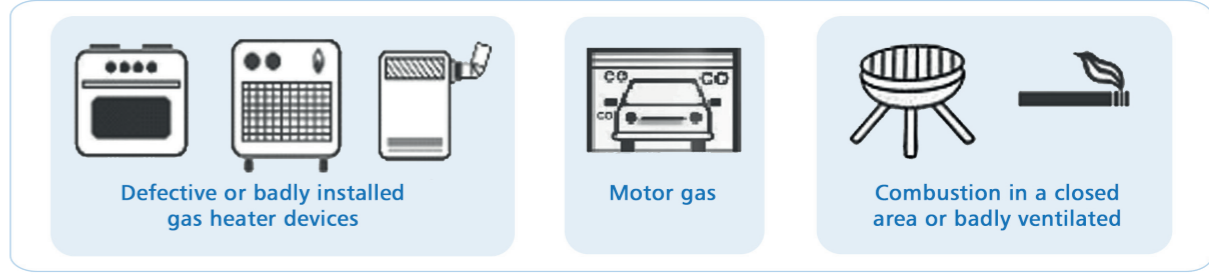
**VESTA**  
DOMESTIC PHOTOELECTRIC SMOKE ALARM DETECTOR with 9V battery, 5 years life duration, 6 years warranty, CE EN14604 according to CPD (Exists also with lithium battery 9Vdc 10 years life duration). Dedicated for wireless application (wireless module not included)

### Accessories for VESTA

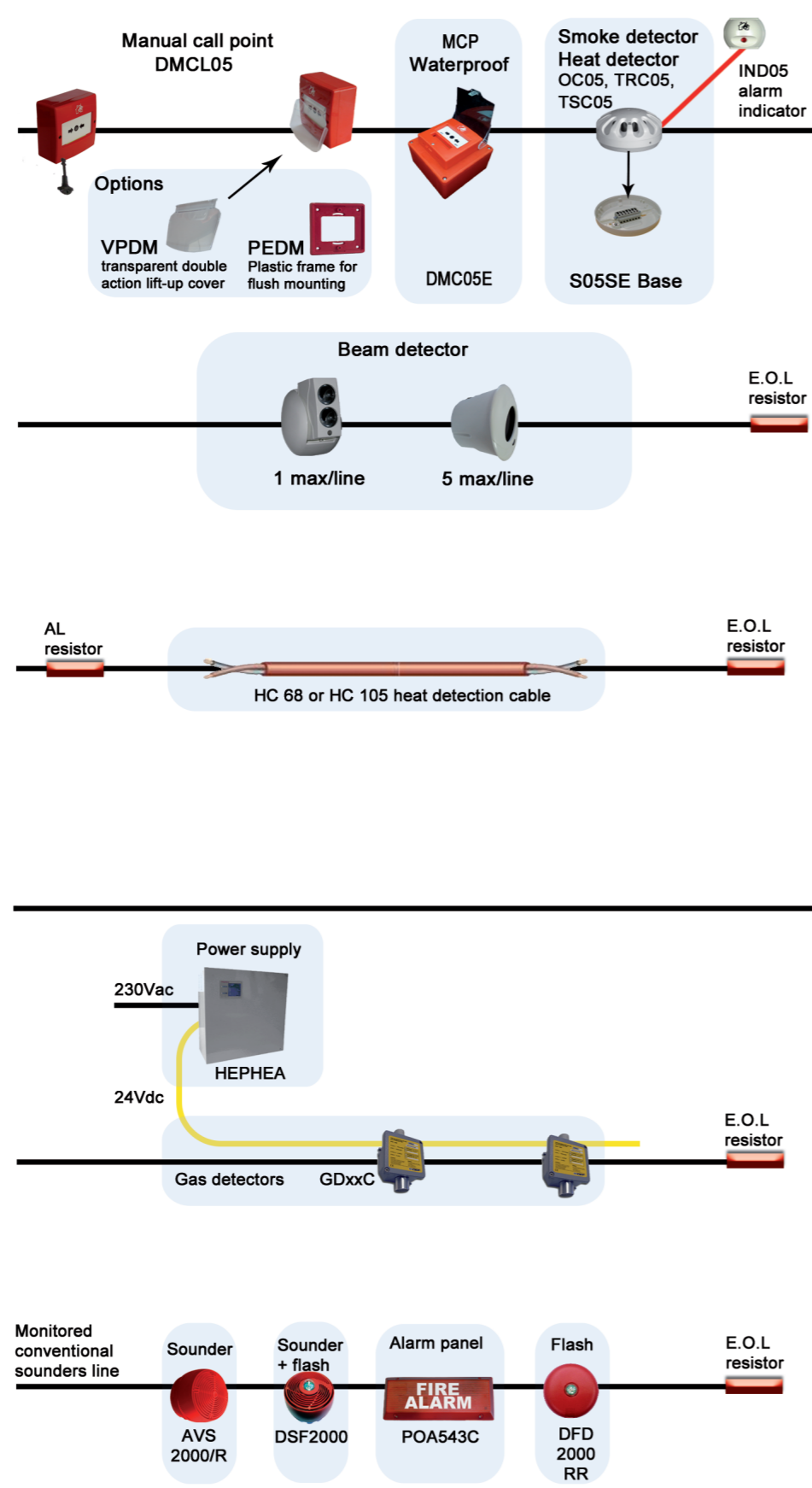
**DAAF-REL**  
PLUG IN CARD with NO contact, permits to repeat the state of alarm (for intrusion panels)

## GAS ALARM DETECTOR

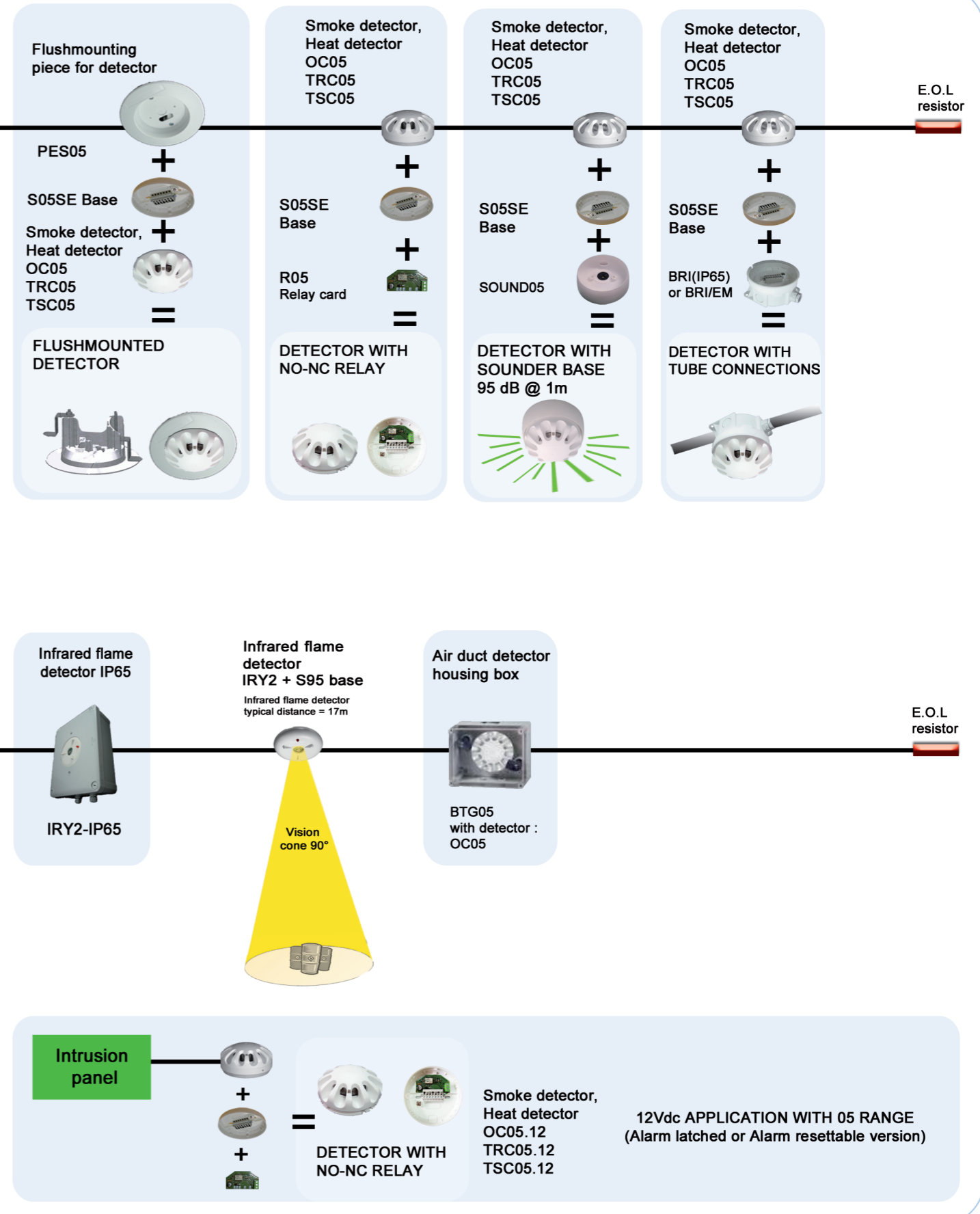
**DAACO10**  
Stand alone CARBON MONOXIDE (CO) gas detector with electrochemical sensor, embedded buzzer. Supplied with 5 years life duration battery. CE CPD EN50291 conform



ALPHA RANGE



ALPHA 4/8/12







**INTELLIGENT / INTERACTIVE PANELS AND DETECTORS / DEVICES.....16-29**

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**PANELS**

**From 1 to 128 addresses**

**Options**

**HEPHAIS 128**

INTELLIGENT/INTERACTIVE COMPACT CONTROL PANEL, 128 ADDRESSES, 2 loops or 4 open circuits (open circuit with max 32 addresses), 99 ZONES, 1000 memory events, 1 monitored sounders line + 5 programmable output relays, 1xRS232 serial output for printer or remote control panel, 2 programmable inputs. The panel can be set by keyboard or software. Needs 2 internal batteries 12V/7Ah. EN54-2, EN54-4, EN54-13 CE according to CPD/CPR

**TELEHEPHAIS 128**

SOFTWARE PROGRAMMING TOOL for HEPHAIS 128, uploading/downloading

**AJ127**

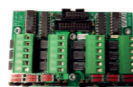
Serial cable for software PROGRAMMING TOOL

**Relay card**



**R7P2**

7 RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, serial communication, permits to repeat states of the panel on 7 relays



**R12P2**

12 RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, serial communication, permits to repeat states of the panel on 12 relays

**Remote monitoring panel**

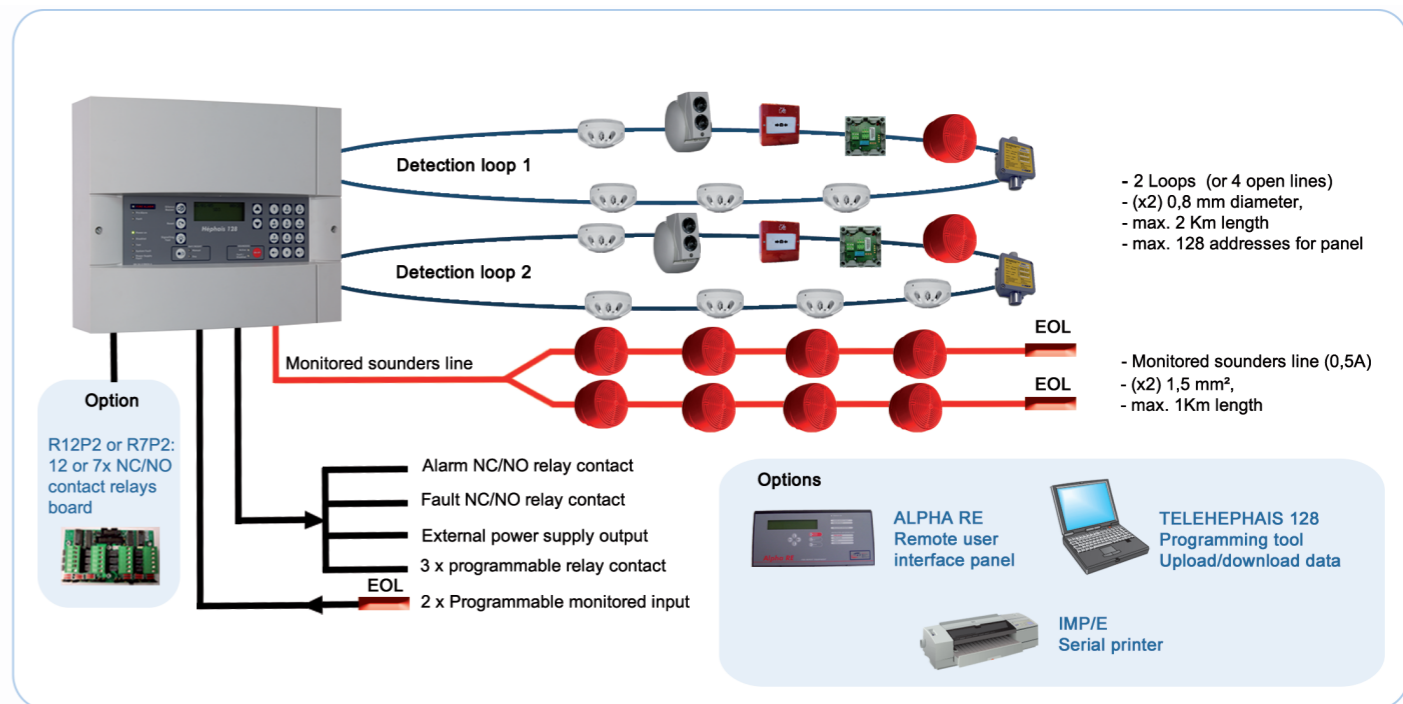


**ALPHA RE**

REMOTE USER INTERFACE PANEL with serial 485 connection, alphanumeric display LCD 160 characters and keyboard

**Options**

**HEPHAIS 128 : FROM 1 TO 128 ADDRESSES**



**From 1 to 400 addresses**

**HEPHAIS 1600 NE COMFORT**

INTELLIGENT/INTERACTIVE COMPACT CONTROL PANEL, NOT EXPANDABLE, 400 ADDRESSES, 2 master loops or 4 spur circuits (open circuit with max 32 addresses), USER INTERFACE FRONT PANEL (command and control) TFT COLOR GRAPHIC DISPLAY 4.3inches, 1000 ZONES, 2700 memory events, 2 monitored sounders lines + 3 programmable output relays, 1xRS232 serial output for remote control panel, 2 programmable inputs, RS422 JBUS monitoring output. TCP/IP Connection for safe remote monitoring interface. Needs 2 internal batteries 12V/12Ah. EN54-2, EN54-4, EN54-13 CE according to CPD/CPR

**TELEHEPHAIS 1600**

SOFTWARE PROGRAMMING TOOL for HEPHAIS 1600 NE and HEPHAIS 1600

**AJ127**

Serial cable for software PROGRAMMING TOOL

**Relay card**



**R7P2**

7 RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, serial communication, permits to repeat states of the panel on 7 relays



**R12P2**

12 RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, serial communication, permits to repeat states of the panel on 12 relays



**C20R**

20 RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, serial communication, permits to repeat states of the panel on 20 relays

**Sounder circuit**



**X4EVAC**

4 MONITORED WAYS SOUNDER CIRCUIT extension board, permits to multiply 1 sounder circuit in 4 activated simultaneously, to be plugged inside the panel

**Remote monitoring panel**



**TR15 TOUCH**

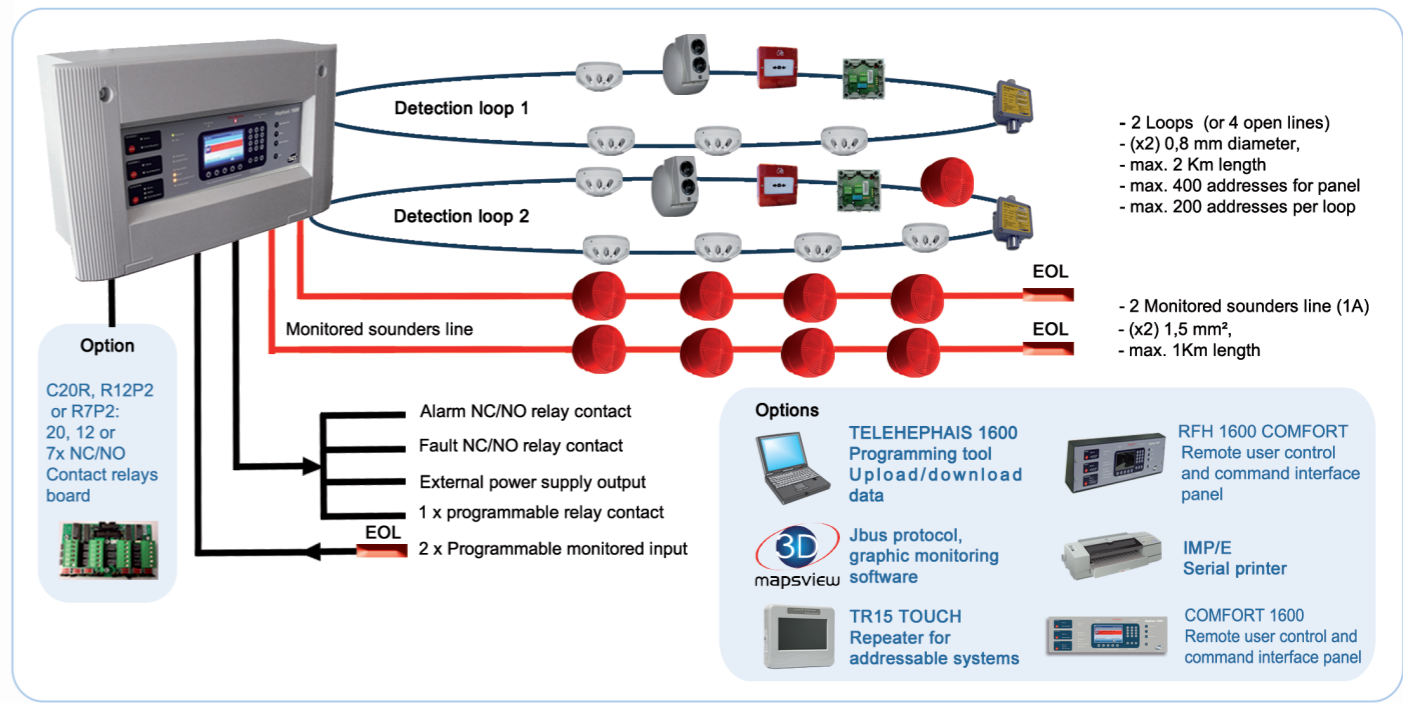
Repeater for addressable systems with 7inches colour touchscreen and advanced user-friendly interface.



**MIHMNG-EXT**

COMMUNICATION CARD FOR COMFORT USER INTERFACE FRONT PANEL. This card is necessary for a remote use of COMFORT 1600 front panel or TR15 Touch connection.

**HEPHAIS 1600 NE COMFORT : FROM 1 TO 400 ADDRESSES**





# INTELLIGENT/INTERACTIVE PANELS AND DETECTORS/DEVICES

## PANELS

From 1 to 1600 addresses



### HEPHAIS 1600-400 COMFORT/L

MODULAR INTELLIGENT/INTERACTIVE FIRE CONTROL PANEL MAX 1600 POINTS, 16 LOOPS - supplied as standard for 400 points on 2 master loops (max 200 addresses/loop) or 4 open circuits, expandable up to 7 x MG2B (loop boards), in large box with integrated **USER INTERFACE FRONT PANEL (command and control)** **TFT COLOR GRAPHIC DISPLAY 4.3inches**, and keyboard, 1000 Zones, 2700 memory events, 2 monitored sounders lines + 3 programmable output relays, 1xRS232 serial output for printer and 1xRS485 serial output for remote control panel, 4 programmable inputs, RS422 JBUS monitoring output, networkable with MGNET board. **TCPIP Connection for safe remote monitoring interface**. Needs 2 internal batteries 12V/17Ah or 12V/24Ah. **EN54-2, EN54-4, EN54-13, CE according to CPD/CPR**



### HEPHAIS 1600-400 COMFORT/S

MODULAR INTELLIGENT/INTERACTIVE FIRE CONTROL PANEL MAX 1600 POINTS, 10 LOOPS - supplied as standard for 400 points on 2 master loops (max 200 addresses/loop) or 4 open circuits, expandable up to 4 x MG2B (loop boards), in small box with integrated **USER INTERFACE FRONT PANEL (command and control)** **TFT COLOR GRAPHIC DISPLAY 4.3inches**, and keyboard, 1000 Zones, 2700 memory events, 2 monitored sounders lines + 3 programmable output relays, 1xRS232 serial output for printer and 1xRS485 serial output for remote control panel, 4 programmable inputs, RS422 JBUS monitoring output, networkable with MGNET board. **TCPIP Connection for safe remote monitoring interface**. Needs 2 internal batteries 12V/12Ah. **EN54-2, EN54-4, EN54-13, CE according to CPD/CPR**



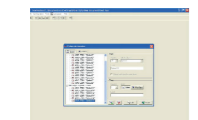
### HEPHAIS 1600-400/L BB

MODULAR INTELLIGENT/INTERACTIVE FIRE CONTROL PANEL MAX 1600 POINTS, 16 LOOPS - supplied as standard for 400 points on 2 master loops (max 200 addresses/loop) or 4 spur circuits, expandable up to 7 x MG2B (loop boards), in **large box without front panel**, 1000 Zones, 2700 memory events, 2 monitored sounders lines + 3 programmable output relays and 1xRS485 serial output for remote control panel, 4 programmable inputs, RS422 JBUS monitoring output, networkable with MGNET board. Needs 2 internal batteries 12V/17Ah or 12V/24Ah. **EN54-2, EN54-4, EN54-13, CE according to CPD/CPR**



### HEPHAIS 1600-400/COMFORT LPM

MODULAR INTELLIGENT/INTERACTIVE FIRE CONTROL PANEL MAX 1600 POINTS, 16 LOOPS - supplied as standard for 400 points on 2 master loops (max 200 addresses/loop) or 4 spur circuits, expandable up to 7 x MG2B (loop boards), in large metallic with integrated **USER INTERFACE FRONT PANEL (command and control)** **TFT COLOR GRAPHIC DISPLAY 4.3inches**, and keyboard 1000 Zones, 2700 memory events, 2 monitored sounders lines + 3 programmable output relays, 1xRS232 serial output for printer and 1xRS485 serial output for remote control panel, 2 programmable inputs, RS422 JBUS monitoring output, networkable with MGNET board. **TCPIP Connection for safe remote monitoring interface**. Needs 2 internal batteries 12V/17Ah or 12V/24Ah. **EN54-2, EN54-4, EN54-13, CE according to CPD/CPR**



### TELEHEPHAIS 1600

SOFTWARE PROGRAMMING TOOL for HEPHAIS 1600 range



### AJ127

Serial cable for software PROGRAMMING TOOL

## specific software



### LOCK 1600-3

CUSTOMER SIGNATURE PROTECTION Hardware Key for HEPHAIS 1600 NE and HEPHAIS 1600. Permits with TELEHEPHAIS 1600 to upload/download the panel with **your own signed protection key, PACK of 3xKEYS, with or without time bomb**

### TIME BOMB RENEW

RENEWAL of 1 year time bomb



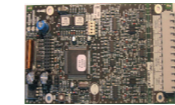
# INTELLIGENT/INTERACTIVE PANELS AND DETECTORS/DEVICES

## PANELS

### HEPHAIS 1600 range

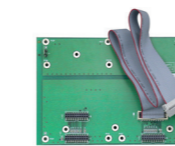
### Options

## Loop card



### MG2B

EXTENSION MODULE 2 LOOPS (max 200 points per loop) or 4 spur circuits (max 32 points per circuit) to be plugged inside the panel



### IE2M

IE2M is an extension board with connectors allowing to connect from 2 to 4 MG2B. This board permits to expand the panel from 10 to 16 loops. Necessary if more than 10 loops needed

## Network cards



### MGNET

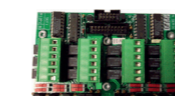
NETWORK CARD, must be plugged in each panel for network application, network done with RS485 redundant connection

## Relay card



### R7P2

7 RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, serial communication, permits to repeat states of the panel on 7 relays



### R12P2

12 RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, serial communication, permits to repeat states of the panel on 12 relays



### C20R

20 RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, serial communication, permits to repeat states of the panel on 20 relays

## Sounder circuit



### X4EVAC

4 MONITORED WAYS SOUNDER CIRCUIT extension board, permits to multiply 1 sounder circuit in 4 activated simultaneously, to be plugged inside the panel

## Printers



### IMP

INTERNAL SERIAL FLUSH MOUNTED PRINTER can be directly mounted in metallic box of HEPHAIS 1600 or through CACHE-IMPRI-3U piece for plastic box



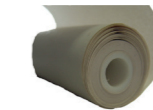
### CACHE-IMPRI-3U

MOUNTING KIT front panel to flushmount IMP printer in HEPHAIS 1600 COMFORT 1600-400/L



### IMP/E

EXTERNAL SERIAL PRINTER, dimensions 165x135x50mm



### KCT10

PACK OF 10 THERMIC PAPER ROLLS

## Remote monitoring and command panel



### RFH 1600 COMFORT

USER INTERFACE FRONT PANEL (command and control) **TFT COLOR GRAPHIC DISPLAY 4.3inches**, and keyboard, 19 inches, 3U, can be integrated in cabinet or in CO3U console. **TCPIP Connection for safe remote monitoring interface**



### CO3U

PLASTIC BOX CONSOLE for RFH 1600 front panel or COMFORT 1600

## Remote monitoring panel



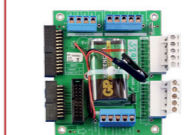
### ALPHA RE

REMOTE USER INTERFACE PANEL with serial 485 connection, alphanumeric display LCD 160 characters and keyboard



### TR15 TOUCH

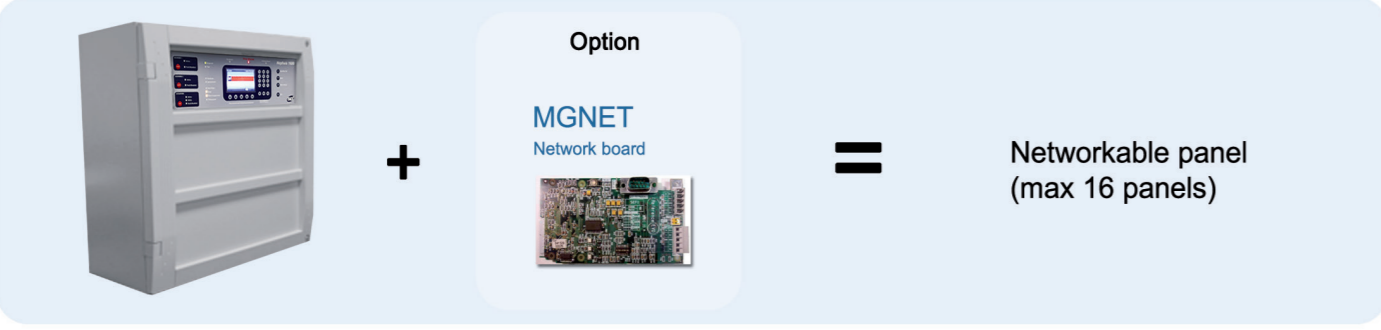
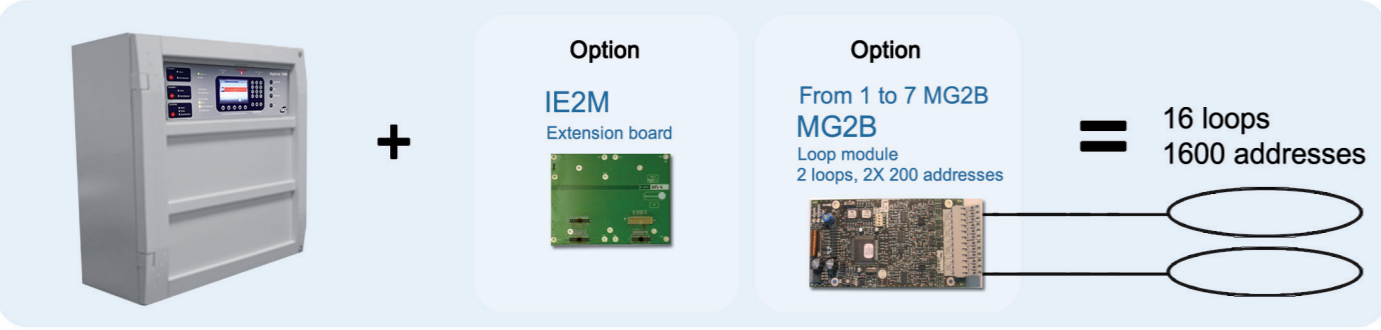
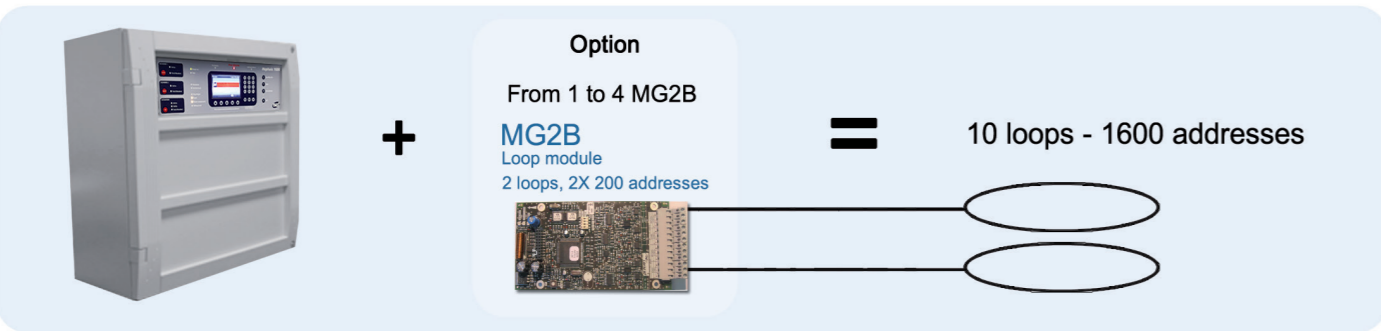
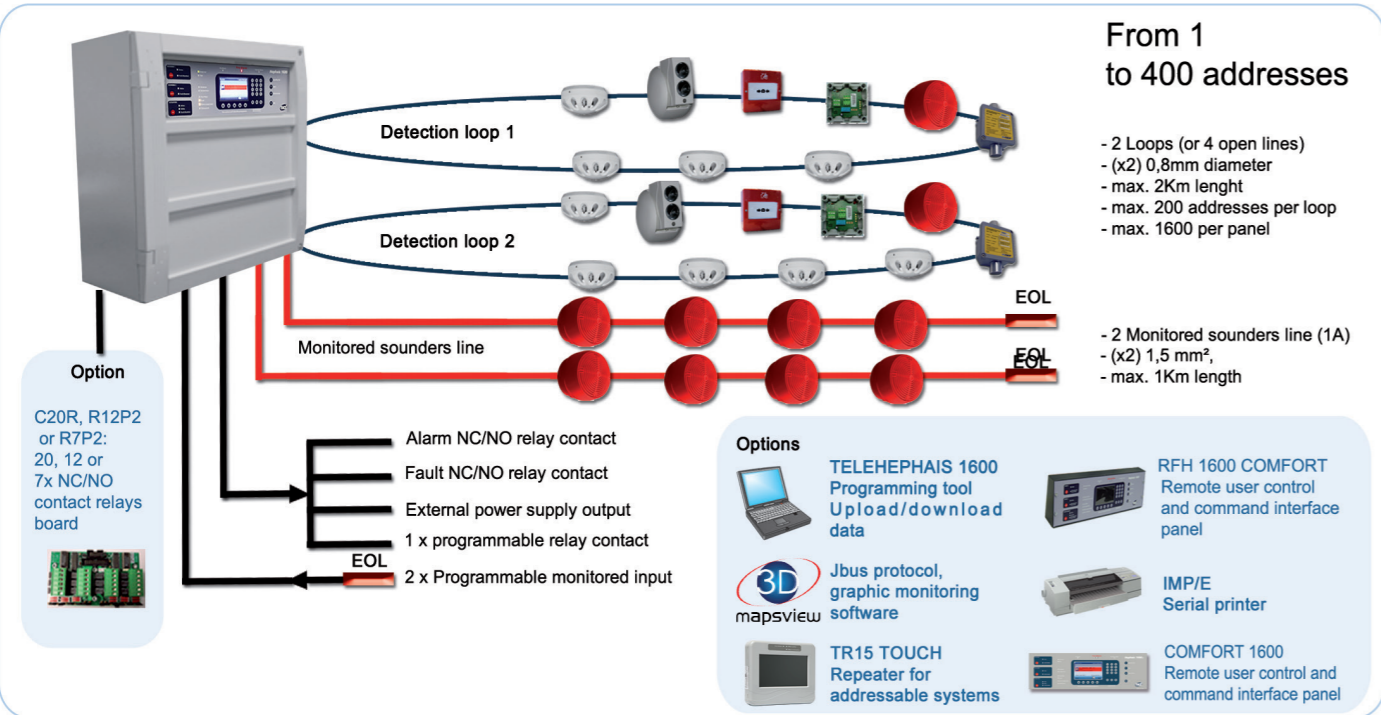
Repeater for addressable systems with 7inches colour touchscreen and advanced user-friendly interface.



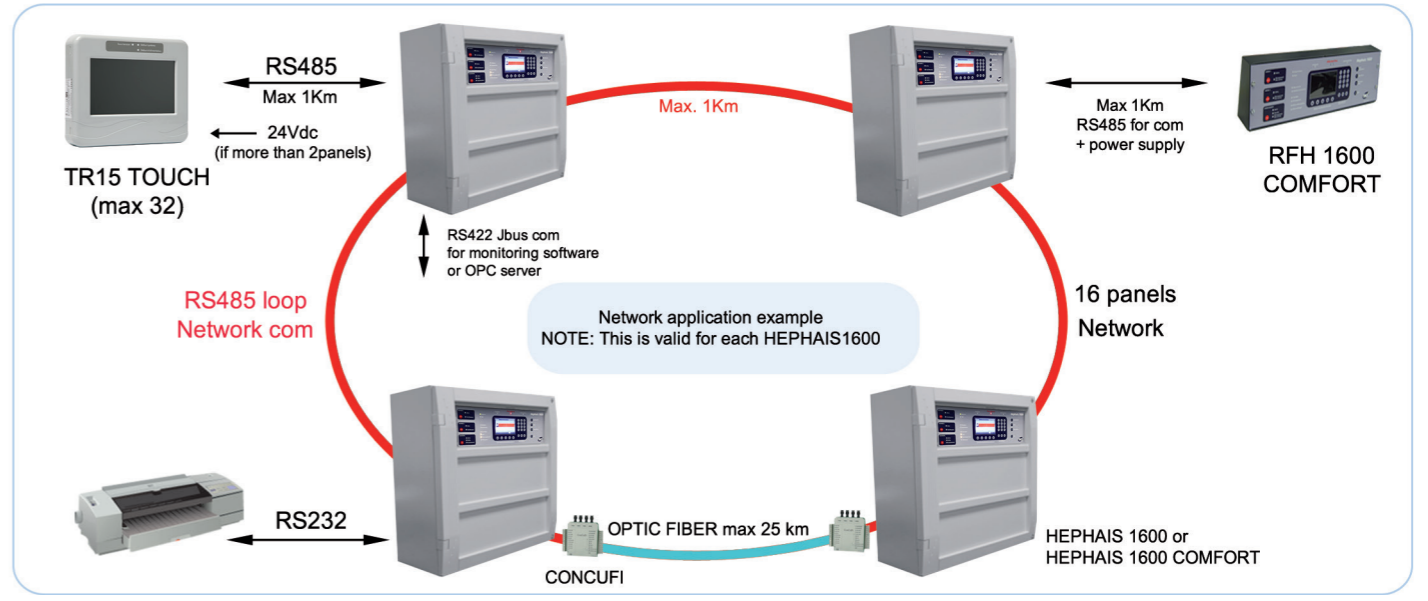
### MIHMNG-EXT

COMMUNICATION CARD FOR COMFORT USER INTERFACE FRONT PANEL. This card is only necessary for a remote use of COMFORT 1600 front panel

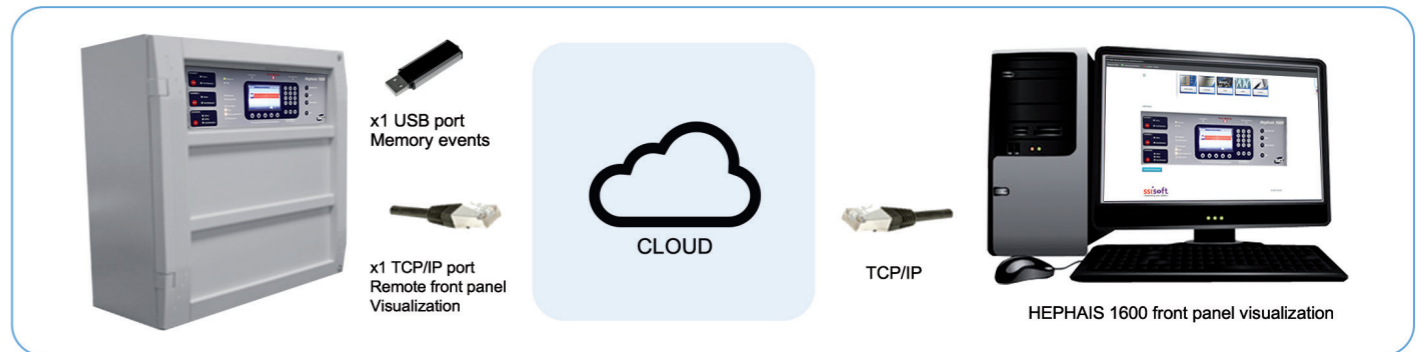
**HEPHAIS 1600 COMFORT : FROM 1 TO 1600 ADDRESSES**



**Network of HEPHAIS 1600 COMFORT PANEL**



**FIREWEB**



**FIREWEB SERVER / TCP/IP REMOTE CONNECTION on COMFORT 1600 and 1600NE panels**

- FWS-CX-12**  
12 months license for remote monitoring AND commands for HEPHAIS 1600 NE COMFORT or HEPHAIS 1600 COMFORT through TCP/IP connection and cloud. With local authorization (X=A) or without (X=O). Validity time before renewal = 12 months
- FWS-CX-36**  
36 months license for remote monitoring AND commands for HEPHAIS 1600 NE COMFORT or HEPHAIS 1600 COMFORT through TCP/IP connection and cloud. With local authorization (X=A) or without (X=O). Validity time before renewal = 36 months
- FWS-VX-12**  
12 months license for remote monitoring for HEPHAIS 1600 NE COMFORT or HEPHAIS 1600 COMFORT through TCP/IP connection and cloud. With local authorization (X=A) or without (X=O). Validity time before renewal = 12 months
- FWS-VX-36**  
36 months license for remote monitoring for HEPHAIS 1600 NE COMFORT or HEPHAIS 1600 COMFORT through TCP/IP connection and cloud. With local authorization (X=A) or without (X=O). Validity time before renewal = 36 months

**INTELLIGENT FIRE DETECTORS**

**05 range**

- OA05**  
INTELLIGENT/INTERACTIVE OPTICAL SMOKE DETECTOR, microprocessor based, 1 programmable remote alarm indicator output, 8 levels sensitivity setting, EN54-7, CE according to CPD/CPR
- TA05**  
INTELLIGENT/INTERACTIVE HEAT DETECTOR, static or/and rate of rise, microprocessor based, 1 programmable remote alarm indicator output, 6 levels sensitivity setting, EN54-5, CE according to CPD/CPR
- MA05**  
INTELLIGENT/INTERACTIVE OPTICAL-HEAT DETECTOR, multicriteria or combined, microprocessor based, 1 programmable remote alarm indicator output, 8 levels sensitivity setting, EN54-7, CE according to CPD/CPR

**Detector range with integrated isolator**

- OA12**  
INTELLIGENT/INTERACTIVE OPTICAL SMOKE DETECTOR, WITH EMBEDDED ISOLATOR, microprocessor based, 1 programmable remote alarm indicator output, 8 levels sensitivity setting, EN54-7, CE according to CPD/CPR
- TA12**  
INTELLIGENT/INTERACTIVE HEAT DETECTOR, WITH EMBEDDED ISOLATOR, static or/and rate of rise, microprocessor based, 1 programmable remote alarm indicator output, 6 levels sensitivity setting, EN54-5, CE according to CPD/CPR
- MA12**  
INTELLIGENT/INTERACTIVE OPTICAL-HEAT DETECTOR, WITH EMBEDDED ISOLATOR, multicriteria or combined, microprocessor based, 1 programmable remote alarm indicator output, 8 levels sensitivity setting, EN54-7, CE according to CPD/CPR

**Bases and accessories**

**Standard base**

- S05SE**  
UNIVERSAL BASE WITH STICK ADDRESS SOCKET for 05-range conventional and addressable detectors

**Accessories for S05 base**

- PES05**  
FLUSHMOUNTING PIECE FOR BASE (Base not included), permits to flushmount a 05 range detector
- BRI/EM + S05SE**  
Universal base with GLANDS HOLE for 05 range, base with tubes connections
- BRI + S05SE**  
WATERPROOF universal base with glands for 05 range (IP65), base with tubes connections supplied with glands

**Sounder base with S05 base**

- SOUND05 + S05SE**  
BASE WITH INTERNAL SOUNDER 95db @ 1m, Possibility to select 6 tones and 3 intensity levels, EN54-3, CE according to CPD/CPR
- Isolator for 05 range**  
**ICC05**  
PLUG IN ISOLATOR BOARD for 05 detectors (to be plugged in S05SE)

**Bases and accessories for 05 & 12**

**S12 double terminal, no screw drivers bases**

- S12**  
UNIVERSAL BASE WITH STICK ADDRESS SOCKET for 05 and 12 range conventional and addressable detectors. Double terminal block, no screw driver, easy wiring. Sold by pack of 10. Label plate support included.

**Accessories for base**

- PSS15**  
Mounting adapter to secure fixing S12 on suspended false ceiling. Sold by pack of 900
- KMIPN**  
Fastening kit to fix the detector base S12 on steel beam. Exists for thickness 3-8mm, 8-14mm, 14-20mm
- PMSP**  
Fastening kit to the detector base S12 under raised floor
- OAR15**  
Optional tool for wiring and stripping
- PES12**  
FLUSHMOUNTING PIECE FOR BASE permits to flushmount a 05, 12 range base including wiring connection and label holder
- BRI/EM + S12**  
Universal base with GLANDS HOLE for 05 and 12 range, base for tubes connections
- BRI + S12**  
WATERPROOF universal base with glands for 05 and 12 range (IP65), base for tubes connections supplies with glands

**Sounder base with S12 base**

- SOUND05 + S12**  
BASE WITH INTERNAL SOUNDER 95db @ 1m. Possibility to select 6 tones and 3 intensity levels, EN54-3, CE according to CPD/CPR

**Accessories for S05 and S12 Bases**

- GAV**  
ANTIVANDALISM protection grid

**Addressable flame detector**

- IR95+S95**  
ANALOGUE/ADDRESSABLE INFRARED FLAME DETECTOR, microprocessor based, 1 programmable remote alarm indicator output, base included EN54-10 CE according to CPD/CPR

**ADDRESSABLE MANUAL CALL POINTS**

**05 range Accessories**



**DMA05**  
ADDRESSABLE MANUAL CALL POINT  
resettable with key without breaking glass,  
integrated isolator, red colour,  
EN54-11, EN54-17, CE according to CPD/CPR



**DMA05 E**  
ADDRESSABLE WATERPROOF MANUAL CALL  
POINT - resettable with key  
without breaking glass, integrated  
isolator, red colour, EN54-11, EN54-17, CE  
according to CPD/CPR



**PEDM**  
PLASTIC FRAME for flush mounting MCP



**VPDM**  
TRANSPARENT LIFT-UP protective cover for MCP,  
permits a double action (supplied with  
protection label)



**KCTDM**  
KIT OF 10 RESET KEYS for 05 MCP

**05 waterproof MCP**

**LOOP SOUNDERS**

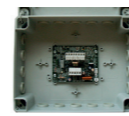


**AVSA05/R (AVSA 2000)**  
ADDRESSABLE HIGH POWERED PIEZOELECTRIC SOUNDER for indoor use (red colour), integrated isolator,  
possibility to select 6 tones, 95db@1m, lateral hearings, loop powered, for HEPHAIS 1600 range .  
Certified EN54-3 according to CPD

**INTERFACE LOOP UNITS**



**MAY1**  
ADDRESSABLE ZONE INTERFACE MODULE with backbox, for max 32 conventional points



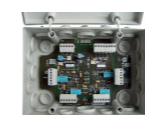
**MBA95**  
ADDRESSABLE ZONE INTERFACE MODULE with backbox, for max 32 conventional points, isolator integrated, opto-isolated  
on the secondary line, EN54-17, EN54-18, EN54-13 CE according to CPD/CPR



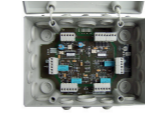
**ETC05-B**  
ADDRESSABLE INPUT/OUTPUT MODULE with backbox, isolator integrated, NO or NC monitoring for input , relay  
output NO-NC 30V/1A, EN54-17, EN54-18 CE according to CPD/CPR (exists also in RAIL DIN version)



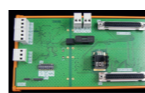
**ET4C05-B**  
ADDRESSABLE 4 INPUT/OUTPUT MODULE with backbox, isolator integrated, NO or NC monitoring for input , relay output  
NO-NC 30V/1A, EN54-17, EN54-18 CE according to CPD/CPR



**EDL**  
ADDRESSABLE 2 MONITORED INPUT + 1 MONITORED LINE OUTPUT permits to manage NO or NC for the monitored inputs  
and use monitored sounders line for outputs, EN54-17, EN54-18, CE according to CPD/CPR



**ED4L**  
ADDRESSABLE 8 MONITORED INPUT + 4 MONITORED LINE OUTPUT permits to manage NO or NC for monitored inputs and  
use monitored sounders line for outputs, EN54-17, EN54-18, CE according to CPD/CPR

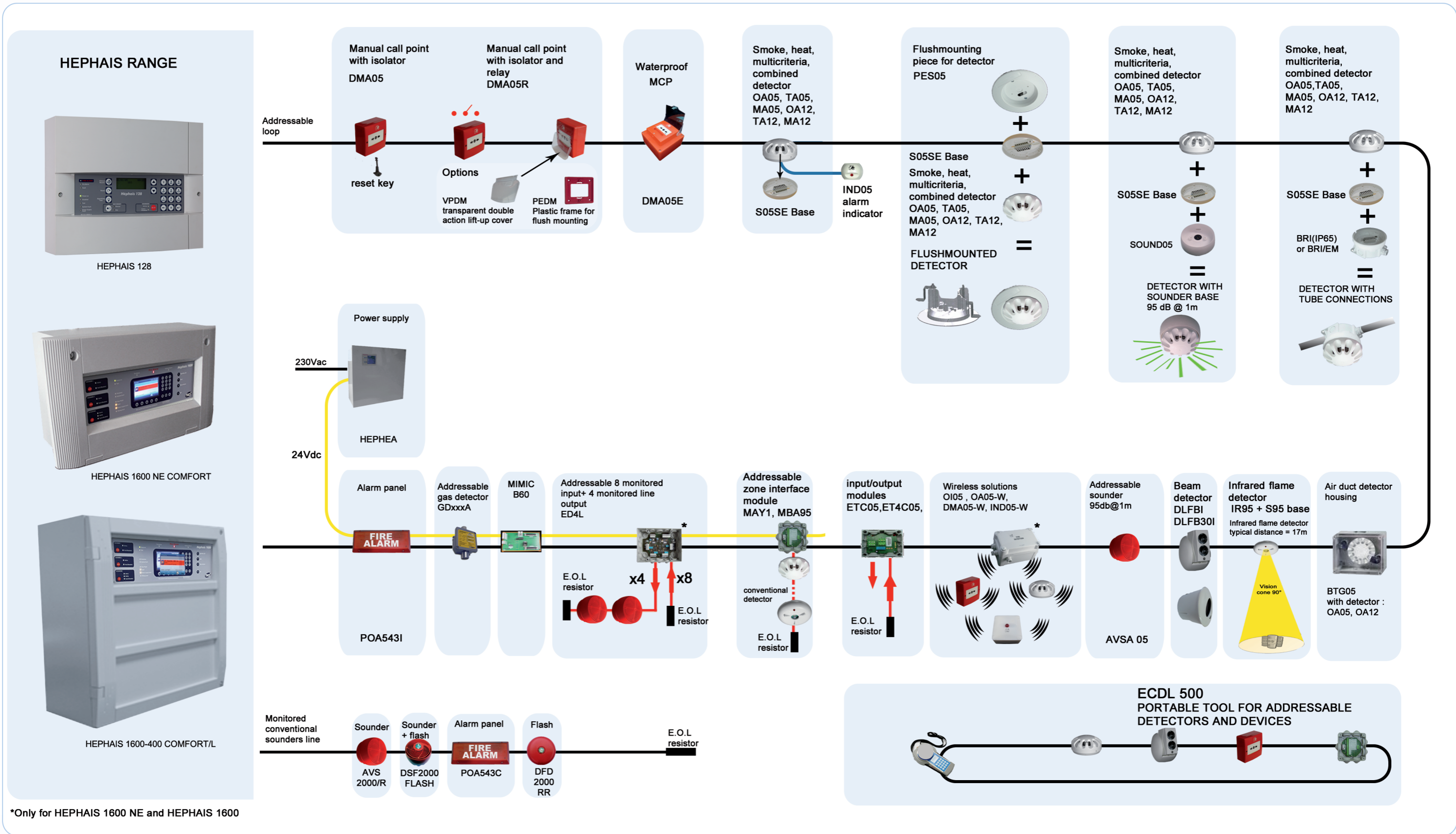


**MIMIC B60**  
DIN RAIL MOUNTING 60 ADDRESSABLE outputs dedicated for Mimic panel leds

**PROGRAMMING, TEST AND MAINTENANCE TOOL**



**ECDL 500**  
Portable tool for commissioning, troubleshooting, and maintenance operations of the addressable loop. It also enables  
the wiring verification of the conventional lines, delivered in a suitcase with an adapter/charger, a USB cable and a specific  
cable equipped with crocodiles' clips. It is compatible with the A95, A05, and A12 ranges of addressable devices. Mostly, it  
is a useful and essential tool to validate your installation before start-up



\*Only for HEPHAIS 1600 NE and HEPHAIS 1600



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# LINEAR SMOKE DETECTORS

## From 3 to 30m

## Accessories

### DLFB30 I

INTELLIGENT INTERACTIVE BEAM DETECTOR (loop powered) for linear smoke detection supplied with reflector for distance from 3 up to 30 meters, integrated isolator, integrated laser pointer for alignment, EN54-12, EN54-17, CE according to CPD/CPR

### DLFB30 R

RELAY BEAM DETECTOR, for linear smoke detection supplied with reflector for distance from 3 up to 30 meters, NO-NC ALARM, NO-NC FAULT, integrated laser pointer for alignment, EN54-12, CE according to CPD/CPR

### DETTEL

REMOTE CONTROL WITH DISPLAY AND KEYPAD for DLFB30 and DLFB30, permits to adjust the alignment and program the beam

### BEAM-BR

REMOTE BOX FOR BEAM, permits remotely to enable/disable, reset, can be connected with remote control DETTEL, 4 to 5 wires connections to the beam

### BEAM-KIT4CC

SUNSHIELD PROTECT FOR REFLECTOR, supplied for 4 reflectors 10x10 reflectors, permits to protect against sun rays

### BEAM-FMBOX

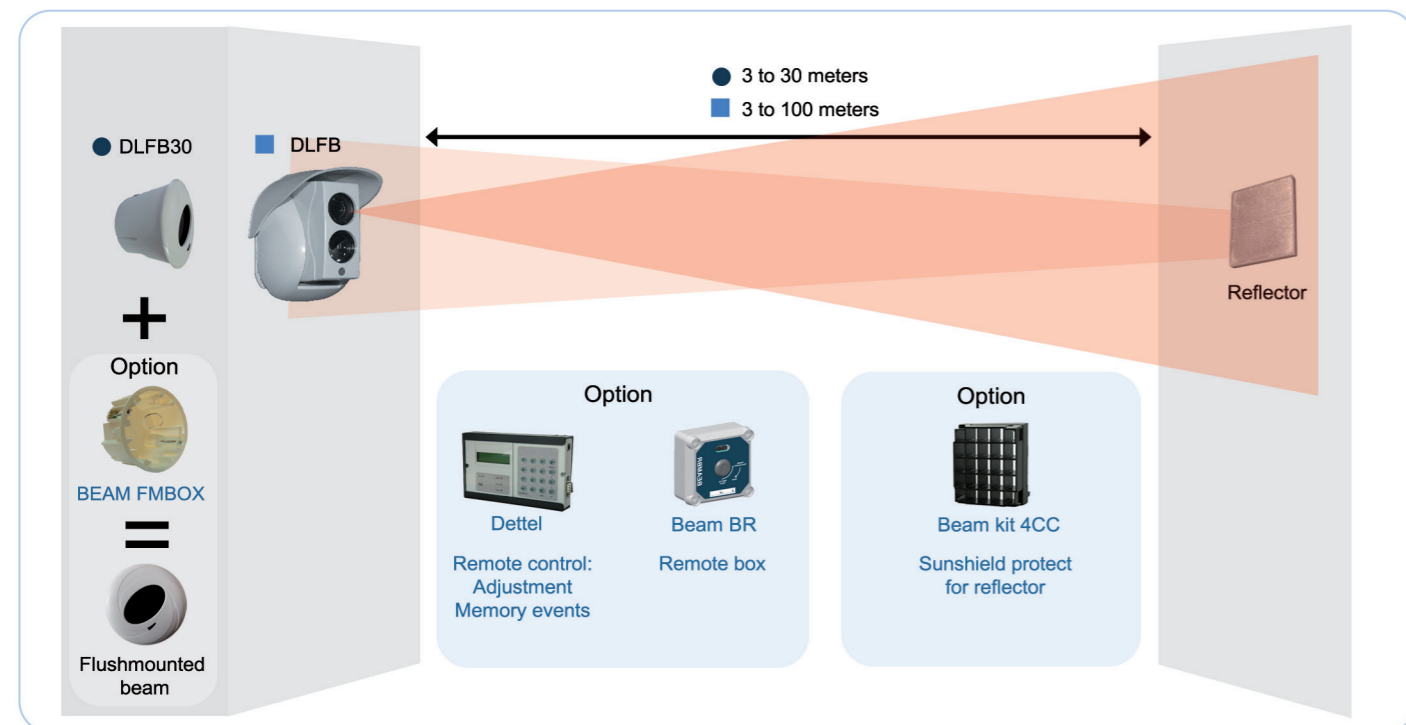
FLUSHMOUNTING box for DLFB30

### DLFB30 I

INTELLIGENT INTERACTIVE BEAM DETECTOR (loop powered) for linear smoke detection supplied with reflector for distance from 3 up to 100 meters, integrated isolator, visible ray for alignment, EN54-12, EN54-17, CE according to CPD. Exists also in conventional version with ALPHA panel, DLFB30 C

### DLFB30 R

RELAY BEAM DETECTOR, for linear smoke detection supplied with reflector for distance from 3 up to 100 meters, NO-NC ALARM, NO-NC FAULT, visible ray for alignment, EN54-12, CE according to CPD



# WIRELESS SOLUTIONS



### OA05-W

WIRELESS OPTICAL SMOKE DETECTOR, 1 remote led output, EN54-7, EN54-25, CE according to CPD/CPR



### DMA05-W

WIRELESS MANUAL CALL POINT, 1 remote led output, EN54-11, EN54-25, CE according to CPD/CPR



### IND05-W

WIRELESS REMOTE INDICATOR, angle of vision = 180°, EN54-18, EN54-25, CE according to CPD/CPR



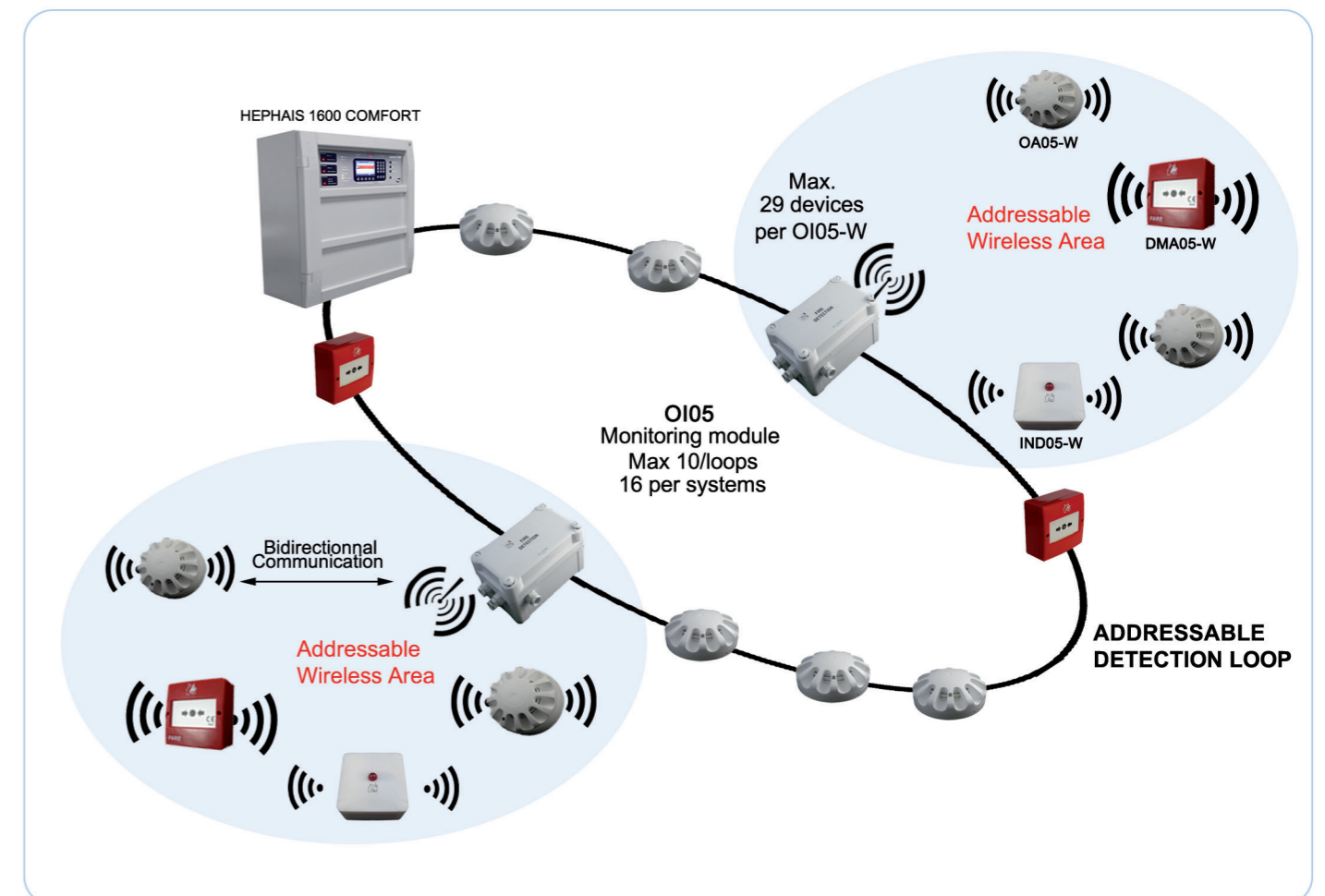
### OI05

MONITORING MODULE can be connected on HEPHAIS 1600 or HEPHAIS 1600NE, 1 remote led output, monitoring device of wireless equipments EN54-17, EN54-18, EN54-25, CE according to CPD/CPR



### TELEWIRELESS

SOFTWARE PROGRAMMING TOOL for WIRELESS SOLUTIONS



**WITH HIGH SENSITIVITY DETECTORS**

**Detector modules**

**DFA05-1C-B (DFA05-3)**

CONVENTIONAL SINGLE CHANNEL HIGH SENSITIVITY BASE DETECTOR for one sampling tube with smoke level indicator, to be completed with one detector module SSD, EN54-20 CE according to CPD/CPR

**DFA05-2C-B (DFA05-4)**

CONVENTIONAL DUAL CHANNEL HIGH SENSITIVITY BASE DETECTOR, for one or two sampling tubes with smoke level indicator, to be completed with one or two detectors modules SSD, EN54-20 CE according to CPD/CPR

**DFA05-1C (DFA05-1)**

CONVENTIONAL SINGLE CHANNEL HIGH SENSITIVITY BASE DETECTOR, for one sampling tube, to be completed with one detector module SSD, EN54-20 CE according to CPD/CPR

**DFA05-2C (DFA05-2)**

CONVENTIONAL DUAL CHANNEL HIGH SENSITIVITY BASE DETECTOR, for one or two sampling tubes, to be completed with one or two detectors modules SSD, EN54-20, CE according to CPD/CPR

**SSD 535-1**

HIGH SENSITIVITY SMOKE DETECTOR MODULE with alarm sensitivity range from 0,05%/m to 10%/m to be plugged in DFA05

**SSD 535-2**

HIGH SENSITIVITY SMOKE DETECTOR MODULE with alarm sensitivity range from 0,01%/m to 10%/m to be plugged in DFA05

**SSD 535-3**

HIGH SENSITIVITY SMOKE DETECTOR MODULE with alarm sensitivity range from 0,002%/m to 10%/m to be plugged in DFA05

**Interface modules**

**RIM35**

RELAY INTERFACE MODULE with 5 programmable relays, NO-NC 30V/1A to be plugged in DFA05

**MCM35**

SD-1GO MEMORY CARD MODULE to be plugged in DFA05 permits to record operating data and store memory events

**SMM535**

Box for network. Interface between network and computer

**SIM 35**

Plug in board for network . Permits to have RS485 with addressable network between DFA05, up to 250 devices



**PROGRAMMING SOFTWARE FOR DFA05**

**SAMPLING PIPE CONFIG**

SYSTEM DESIGN SOFTWARE permits to define the network pipe

**DFA05 CONFIG**

PROGRAMMING SOFTWARE permits to download/upload data configuration through USB cable (not supplied)



**MINI AIR SAMPLING DETECTION for 12 holes max**

**DFA05 Mini-40**

CONVENTIONAL SINGLE CHANNEL ASPIRATION DETECTOR For one sampling tube network with a maximum of 12 sampling holes which includes its own smoke module 0.02%/m to 10%/m. Max length of the last hole = 40m. Total length max of network tubes = 75m. EN54-20, CE marking according to CPD/CPR



**Interface module**

**RIM36**

RELAY INTERFACE MODULE With 5 programmable relays, NO-NC 30V/1A to be plugged in DFA05 Mini-40



**FILTERS**

**FBS 25PC**

Filter Box Small Ø 25 mm, PC

**Filter mat-S**

Filter Mat Small for FBS 25 PC

**DFU 911**

Filter Box Large Ø 25 mm, PC

**RFC 911**

Spare Filter

**DTP 25 PC**

Dust box, PC, adapted to all material Ø 22 - 25 mm pipe



**DRB 25 PVC**

Dust retaining box (cyclone), Ø 25 mm PVC

**WRB 25 PVC**

Water retaining box, Ø 25 mm, PC/PVC. Linking by gland on sampling pipe side and by glue on aspirating smoke side



**WRB 25 ABS**

Water retaining box Ø 25 mm, PC/ABS. Linking by gland on sampling pipe side and by glue on aspirating smoke side



**MV 25 ABS**

Manual ball valve Ø 25 mm, ABS, for maintenance use

**ASPIRATING PIPES**

**TU25RF**

FIREPROOF AIR SAMPLING PIPE 25mm (3m length), red colour (batch of 30)



**EN25RF**

FIREPROOF STRAIGHT SOCKET 25mm, red colour, (batch of 20)



**TE25RF**

FIREPROOF EQUAL TEE PIECE for 25mm tube, red colour, (batch of 10)



**T 25/8**

FIREPROOF EQUAL TEE PIECE for 8mm capillary tube or sample point, red colour, (batch of 10)



**TT25RF**

FIREPROOF END CAP, for 25mm tube, red colour, (batch of 10)



**C90RF**

FIREPROOF 90° ELBOW, for 25mm tube, red colour, (batch of 5)



**CF70**

FLEXIBLE ELBOW for 25mm tube, (batch of 4)



**C45RF**

FIRE PROOF 45° ELBOW, for 25mm tube, red colour, (batch of 5)



**TF.10**

Flexible tube 1m length



**TC.8**

CAPILLARY TUBE (10mm OD; 8mm ID) (100m roll)



**ABR**

FIREPROOF PIPE CLIP for 25mm tube, red colour, (batch of 50)



**UTRF**

FIREPROOF UNION TUBE for 25mm tube, red colour, (batch of 10)



**PMTU**

SAMPLE POINT 8mm, (batch of 10)



**PMC**

CONIC SAMPLE POINT, (batch of 10)



**PMPT**

PLATE SAMPLE POINT with nut, (batch of 10)



**PMP**

PLATE SAMPLE POINT with screws, (batch of 10)



**PMC/8**

SAMPLE POINT for capillary tube, (batch of 10)



**PCM/10**

RAISE FOR CLIP, raises for 17mm, (batch of 10)



**PRPM**

EXTENSION LEAD for sample point, (batch of 10)



**TL**

WATERPROOF ENDCAP, (batch of 10)

**CONVENTIONAL GAS DETECTORS**

**GD100C**

CONVENTIONAL METHANE CATALYTIC GAS DETECTOR, CH<sub>4</sub>, IP55, can be directly connected on ALPHA panel, alarm and prealarm resistors integrated, needs external power supply, **with possibility to use 4/20mA output**

**GD101C**

CONVENTIONAL BUTANE CATALYTIC GAS DETECTOR, IP55, can be directly connected on ALPHA panel, alarm and prealarm resistors integrated, needs external power supply, **with possibility to use 4/20mA output**

**GD102C**

CONVENTIONAL PETROL STEAM CATALYTIC GAS DETECTOR, IP55, can be directly connected on ALPHA panel, alarm and prealarm resistors integrated, needs external power supply, **with possibility to use 4/20mA output**

**GD104C**

CONVENTIONAL HYDROGENE CATALYTIC GAS DETECTOR, H<sub>2</sub>, IP55, can be directly connected on ALPHA panel, alarm and prealarm resistors integrated, needs external power supply, **with possibility to use 4/20mA output**



**GD105C**

CONVENTIONAL CATALYTIC LIQUID PETROLEUR GAS DETECTOR, LPG, IP55, can be directly connected on ALPHA panel, alarm and prealarm resistors integrated, needs external power supply, **with possibility to use 4/20mA output**

**GD106C**

CONVENTIONAL PROPANE CATALYTIC GAS DETECTOR, C<sub>3</sub>H<sub>8</sub>, IP55, can be directly connected on ALPHA panel, alarm and prealarm resistors integrated, needs external power supply, **with possibility to use 4/20mA output**

**GD113C**

CONVENTIONAL CARBON MONOXIDE GAS DETECTOR, CO, IP55, ELECTROCHEMICAL CELL, can be directly connected on ALPHA panel, alarm and prealarm resistors integrated, needs external power supply, **with possibility to use 4/20mA output**

**ADDRESSABLE GAS DETECTORS**

**GD100A**

ADDRESSABLE METHANE CATALYTIC GAS DETECTOR, CH<sub>4</sub>, IP55, can be directly connected on HEPHAIS loops, integrated isolator, needs external power supply

**GD101A**

ADDRESSABLE BUTANE CATALYTIC GAS DETECTOR, CH<sub>4</sub>, IP55, can be directly connected on HEPHAIS loops, integrated isolator, needs external power supply

**GD102A**

ADDRESSABLE PETROL STEAM CATALYTIC GAS DETECTOR, IP55, can be directly connected on HEPHAIS loops, integrated isolator, needs external power supply

**GD104A**

ADDRESSABLE HYDROGENE CATALYTIC GAS DETECTOR, H<sub>2</sub>, IP55, can be directly connected on HEPHAIS loops, integrated isolator, needs external power supply

**GD105A**

ADDRESSABLE CATALYTIC LIQUID PETROLEUR GAS DETECTOR, LPG, IP55, can be directly connected on HEPHAIS loops, integrated isolator, needs external power supply

**GD106A**

ADDRESSABLE PROPANE CATALYTIC GAS DETECTOR, C<sub>3</sub>H<sub>8</sub>, IP55, can be directly connected on HEPHAIS loops, integrated isolator, needs external power supply

**GD113A**

ADDRESSABLE CARBON MONOXIDE GAS DETECTOR, CO, IP55, ELECTROCHEMICAL CELL, can be directly connected on HEPHAIS loops, integrated isolator, needs external power supply

**Accessories**

**MEGAS**

METHANE GAS TEST BOTTLE, 40% L.I.E, 12 liters (to be used with P7150V)

**COGAS**

CARBON MONOXIDE GAS TEST BOTTLE, 250ppm, 12 liters (to be used with P7150V)

**VPGAS**

PETROL STEAM GAS TEST BOTTLE, 40% L.I.E, 12 liters (to be used with P7150V)

**LPGGAS**

LPG GAS TEST BOTTLE, 40% L.I.E, 12 liters (to be used with P7150V)

**HYGAS**

HYDROGEN GAS TEST BOTTLE, 48% L.I.E, 12 liters (to be used with P7150V)



**GDREL**

PLUG-IN 3 RELAY CARD, NO-NC 30V/1A, to be plugged inside the detector GDxxxC, permits to repeat ALARM, PREALARM, FAULT of the detector



**DETEL**

REMOTE CONTROL WITH DISPLAY AND KEYPAD for GAS DETECTORS, permits to read and set the level and data of detectors (sensitivity, thresholds...)

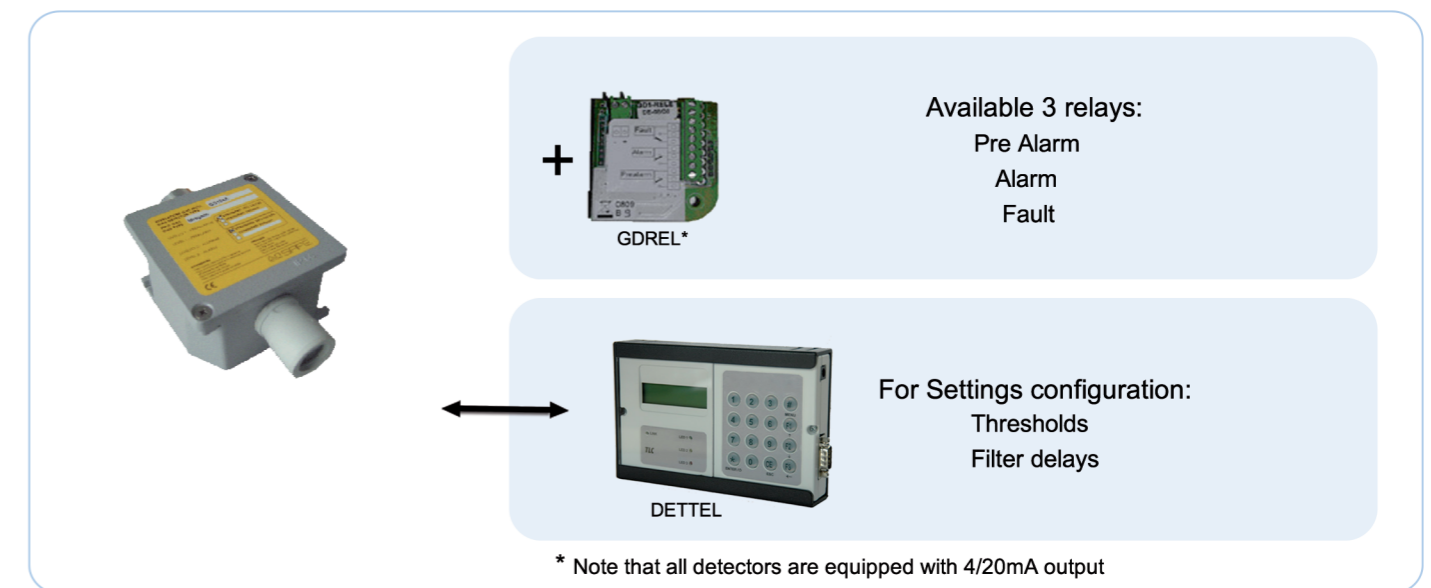


**P7150V**

TEST KIT GAS DETECTORS (valve + adapter)



**GD-range GAS DETECTOR Conventional version**





## EXPLOSION PROOF GAS DETECTION

### ELECTROCHEMICALS CELLS

#### RAS/AD/340/AAS

AMMONIA (NH3), 0-100 / 0-500 / 0-1000 / 0-5000 PPM

#### RAS/AD/320/AAS

CARBON MONOXIDE (CO) 0-300 / 0-500 PPM

#### RAS/AD/369/AAS

HYDROGEN SULPHIDE (H2S), 0-20 / 0-100 PPM

#### RAS/AD/361/AAS

OXYGEN (O2), 0-25%v/v

#### RAS/AD/370/AAS

SULPHUR DIOXIDE (SO2), 0-20 PPM

### CATALYTIC

#### RAS/AD/101/AAS

METHANE (CH4), 0-100% L.E.L.

#### RAS/AD/102/AAS

L.P.G. (Mix), 0-100% L.E.L.

#### RAS/AD/104/AAS

PROPANE (C3H8), 0-100% L.E.L.

#### RAS/AD/127/AAS

HYDROGEN (H2), 0-100% L.E.L.

#### RAS/AD/140/AAS

AMMONIA (NH3), 0-100% L.E.L.

#### RAS/AD/141S/AAS

AMMONIA (NH3), 0-20000ppm



### IR Infrared

#### RAS/AD/201/AAS

METHANE (CH4), 0-100% L.E.L.

#### RAS/AD/204/AAS

PROPANE (C3H8), 0-100% L.E.L.

#### RAS/AD/279/AAS

CARBON DIOXIDE (CO2), 0-20000ppm (0-2%v/v) up to 0-100%v/v

### PID Photo Ionization

#### RAS/AD/571/AAS

VOCs , 0-400 PPM

ATEX II 2G Ex d IIC T6 Gb-IP65

4-20 mA output - other models on demand

### ACCESSORIES

#### GDA-M/B-KF6

Mounting bracket for RAS series gas detectors

#### GDA-CH34-NA

Atex certified cable gland, 3/4 NPT - Non Armored. Also available in Armored version

#### GDA-FA-2

Test and Calibration adaptor for GM2 heads (RAS series gas detectors)

#### GDA-CO-2

Collector cone for RAS series , for light gases.

#### GDA-MAG-2

Magnet for non intrusive calibration for GM2 heads (RAS series gas detectors)

#### eNoseBlu2

Software for configuration and maintenance



## DEVICES FOR FIRE EVACUATION

### IND05

REMOTE ALARM INDICATOR  
angle of vision = 180°



### IND05E

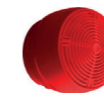
WATERPROOF REMOTE ALARM INDICATOR  
angle of vision = 180°

### IAA

REMOTE ALARM INDICATOR for more than one detector

### AVS 2000/R

HIGH POWERED PIEZOELECTRIC SOUNDER for INDOOR use (red colour), possibility to select 6 tones, 95db@1m, lateral hearings, EN54-3, CE according to CPD/CPR, Exists also in white colour (AVS2000/W) (base included)



### AVSU EFP

HIGH POWERED PIEZOELECTRIC SOUNDER for OUTDOOR, 114db@1m, IP65, CE according to CPD/CPR, EN54-3



### DSF 2000-RR

CONVENTIONAL sounder + flash (red flash+red box); 3 different sounds, 97dB, low current consumption, IP21C, EN54-3, EN54-23, CE according to CPD/CPR (exist also in white flash), base included



### DFD 2000-R1-RR

CONVENTIONAL LED FLASH (red flash+red box) for diffusion. 16-58Vdc, EN54-23, CE according to CPD/CPR (exist also in white flash)



### Base 1,5

Base for DFD2000 (exist also in white)



### 8500x

COMBINED SOUNDER AND FLASH for OUTDOOR WALL MOUNTED (red colour), IP66, 100db@1m, EN54-3 according to CPD



### 531024-1019

XENON OUTDOOR BEACON high luminosity with 360° angle, from 9Vdc to 60Vcc, IP65



### POA543-C

CONVENTIONAL OPTICAL ACOUSTIC ALARM PANEL WITH BUZZER lighting with high luminosity LED, low current consumption, 12V/24Vds, buzzer 94db@1m, IP55, CE according to CPD/CPR, EN54-3



### POA543-I

ADDRESSABLE OPTICAL ACOUSTIC ALARM PANEL WITH BUZZER lighting with high luminosity LED, low current consumption, 12V/24Vds, buzzer 94db@1m, IP55, CE according to CPD/CPR, EN54-3, EN54-17

### P7540

IP65 kit dedicated to POA543 panels

**3D MONITORING SOFTWARE**

For 1 PANEL HEPHAIS 1600 or HEPHAIS 1600 NE and max 400 addresses

**SD3 MAPSVIEW NE (400 addresses)**  
 3 DIMENSION BASE REMOTE MAP MONITORING SOFTWARE FOR MAX 400 addresses, compatible with HEPHAIS 1600 panels range. MAX 400 ADDRESSES MANAGED, NOT EXPANDABLE. Fully high level software (mails, CSV memory event, webaccess, statistics, autocad file import) including auto download sincronisation with the HEPHAIS 1600 panel. TCPIP management included (needs converted)

For 1 PANEL HEPHAIS 1600 or HEPHAIS 1600 NE and illimited addresses

**SD3 MAPSVIEW**  
 3 DIMENSION BASE REMOTE MAP MONITORING SOFTWARE FOR 1 complete PANEL compatible with HEPHAIS 1600 panels range. Possibility to be expanded. Fully high level software (mails, CSV memory event, webaccess, statistics, autocad file import) including auto download sincronisation with the HEPHAIS 1600 panel. TCPIP management included. (needs converted)

**SD3 MAPSVIEW MUL PC**  
 MULTI PC integrating 1 station (Total 2 stations), 3 DIMENSION BASE REMOTE MAP MONITORING SOFTWARE FOR 1 complete PANEL, compatible with HEPHAIS 1600 panels range. Possibility to be expanded. Fully high level software (mails, CSV memory event, webaccess, statistics, autocad file import) including auto download sincronisation with the HEPHAIS 1600 panel. TCPIP management included (needs converter)

**SD3 MAPSVIEW PLUS**  
 ADDITIONAL LICENSE for 1 panel management, compatible with addressable HEPHAIS 1600 panels and dedicated only for SD3 MAPSVIEW or SD3 MAPSVIEW NE

**SD3 MAPSVIEW NE MUL PC**  
 MULTI PC integrating 1 station (Total 2 stations), 3 DIMENSION BASE REMOTE MAP MONITORING SOFTWARE FOR MAX 400 addresses, compatible with HEPHAIS 1600 panels range. MAX 400 ADDRESSES MANAGED, NOT EXPANDABLE. Fully high level software (mails, CSV memory event, webaccess, statistics, autocad file import) including auto download sincronisation with the HEPHAIS 1600 panel. TCPIP management included (needs converter)

**Options for SD3 MAPSVIEW and SD3 MAPSVIEW NE**

**SD3 MAPSVIEW PLUS PC**  
 ADDITIONAL LICENSE for 1 PC management, dedicated only for SD3 MAPSVIEW MUL PC or SD3 MAPSVIEW NE MUL PC

**SD3 MAPSVIEW BUILD**  
 License for building plans on SD3 MAPSVIEW

**OPC Server**

**SD3OPC**  
 OPC server for integrating equipment and application into SD3 system

**CONVERTERS**

**Serial converter**

**MA53**  
 CONVERTER MODULE RS232/RS422 with power supply

**MB3180**  
 Converter Serial MODBUS/TCPIP. RS-232, RS-422, 4-wire RS-485, and 2-wire RS-485 TO TCPIP CONVERTER MODULE with power supply. The DE-311 supports 10/100 Mbps Ethernet connections and has a DB9 female connector for the serial port

**Optic fiber converter**

**CONCUFI**  
 CONVERTER MODULE RS422/RS485/RS232 to MULTIMODE optic fiber max distance 6km, rail din enclosure, 7Vdc to 60Vdc power

**CONCUFI SMODE**  
 CONVERTER MODULE RS422/RS485/RS232 to SINGLE MODE optic fiber max distance 25km, rail din enclosure, 7Vdc to 60Vdc power

**NEW 3D features**

3D online navigation

3D site modelisation

**PERSONALISATION**

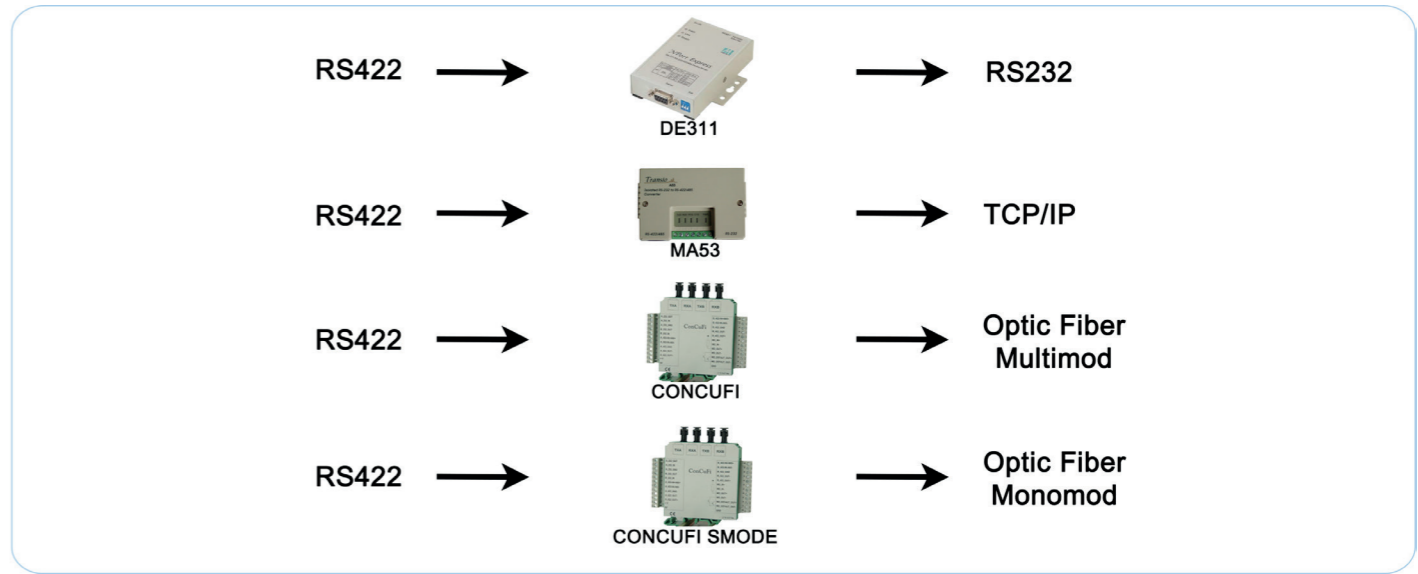
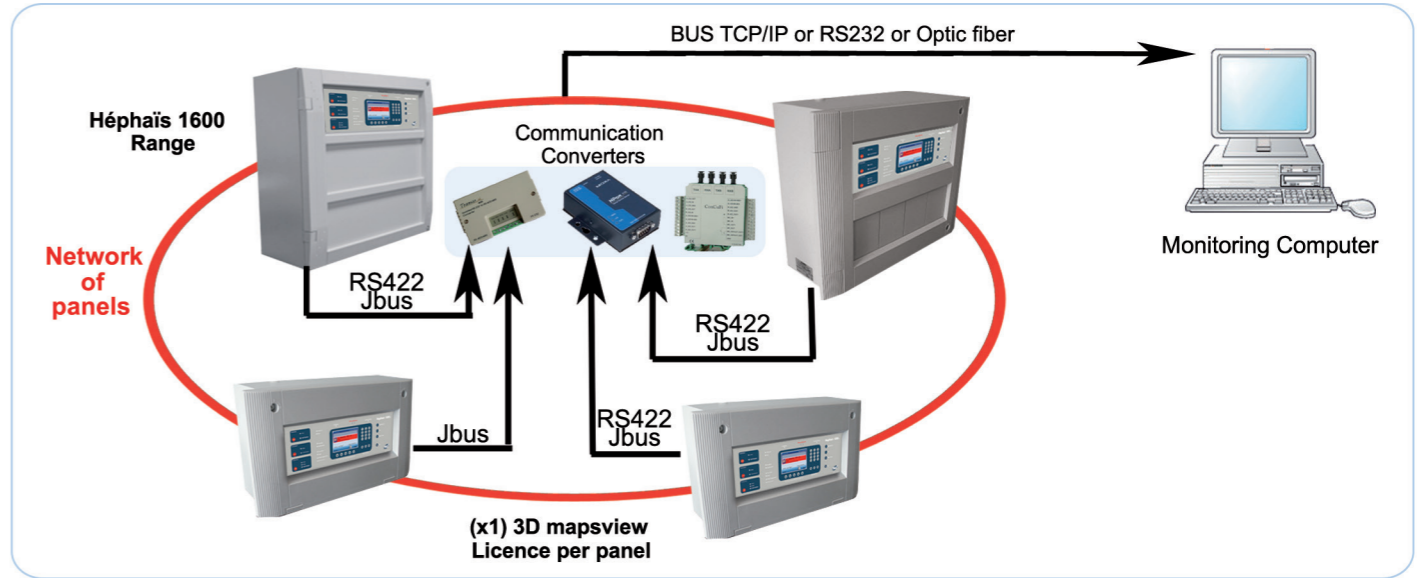
AUTOCAD files import

Fully customizable

**ONLINE MANAGEMENT**

Real-time synchronisation  
Edit your database while you supervise your site

Real-time synchronisation with the panel database



**Fire alarm devices**

- 

**VIREX + SVEX**  
CONVENTIONAL INFRARED FLAME DETECTOR  
Ex version, ATEX II 1G Eex ia IIC T6, EN54-10, CE according to CPD/CPR, + base SVEX
- 

**OC05EX**  
CONVENTIONAL OPTICAL SMOKE DETECTOR  
Ex version, ATEX II 1G Eex ia IIC T6 EN54-7, CE according to CPD/CPR
- 

**TRC05EX**  
CONVENTIONAL RATE OF RISE + FIXED HEAT DETECTOR, Ex version, ATEX II 1G Eex ia IIC T6, EN54-5, CE according to CPD/CPR
- 

**S05EX**  
MOUNTING BASE- anti-static design Ex version
- 

**DMC05EX**  
TDMC05EX(front MCP) + FBBG2EX-R (Back box MCP), CONVENTIONAL MANUAL CALL POINT with reset key, Ex version, certified ATEX 94/9/CE, EN54-11, CE according to CPD/CPR
- 


**ISMA 1**  
INTRINSICALLY SAFE SOUNDER which produces a loud warning signal in a hazardous area and in all gas groups IIA IIB and IIC. To be used with SBEW BZ3.

- 

**SBEX BZ1**  
SAFETY BARRIER dedicated for intrinsically safe detectors and call points
- 


**SBEX BZ2**  
SAFETY BARRIER dedicated for intrinsically safe detectors and call points, **opto-isolated**. To be supplied when the ex detectors are not connected to SD<sup>3</sup> panels
- SBEX BZ3**  
SAFETY BARRIER dedicated exclusively for intrinsically safe sounders


**Addressable Ex interface**


- 


**MBA95Ex**  
ADDRESSABLE ZONE INTRINSICALLY INTERFACE MODULE with backbox, for max 10 conventional EEX points, isolator integrated, opto-isolated on the secondary line, EN54-17, EN54-18, CE according to CPD/CPR

**Conventional Ex interface**

- 

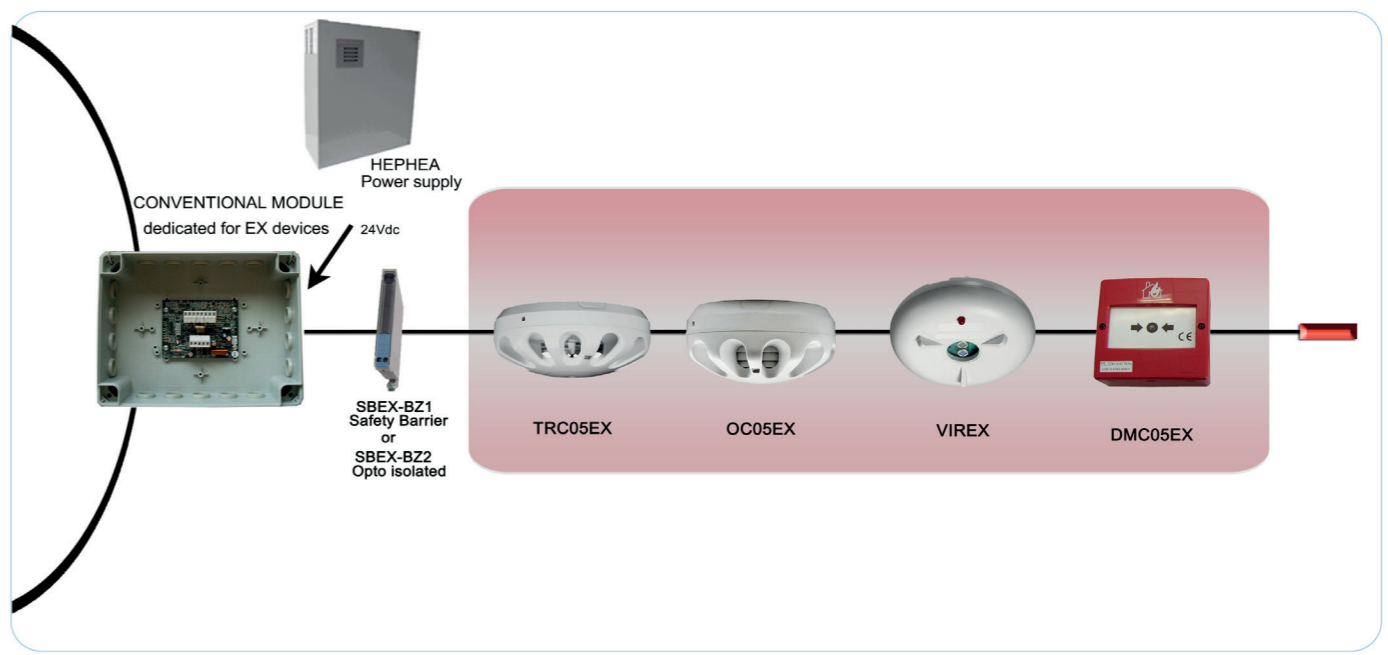
**ALPHA 4/8/12**  
12 ZONES FIRE DETECTION CONVENTIONAL PANEL equipped with 4 zones (max 12 zones) - max 32 detectors and/or MCP per line. Alarm/fault relays, 1 monitored sounders line, 4 programmable open collectors, 1 programmable input. Alarm prealarm management + Day night mode. Expandable panel with availability of 2 rooms for one or two 4 zones expansion board (EX4A4 or EX4A4EX) or one or two Extinguishing boards (DEAG). EN54-2, EN54-4 AFNOR, BOSEC, CE according to CPD/CPR, EN12094-1 with extinguishing board (DEAG). Needs 2 batteries 12V/7Ah. Exists also in 110VAC version
- 

**EX4A4ex**  
4 ZONES EXPANSION BOARD Ex VERSION to be used with explosion hazard area detectors, max 10 detectors per line, 1 or 2 EX4A4ex boards can be plugged in ALPHA 4/8/12
- 

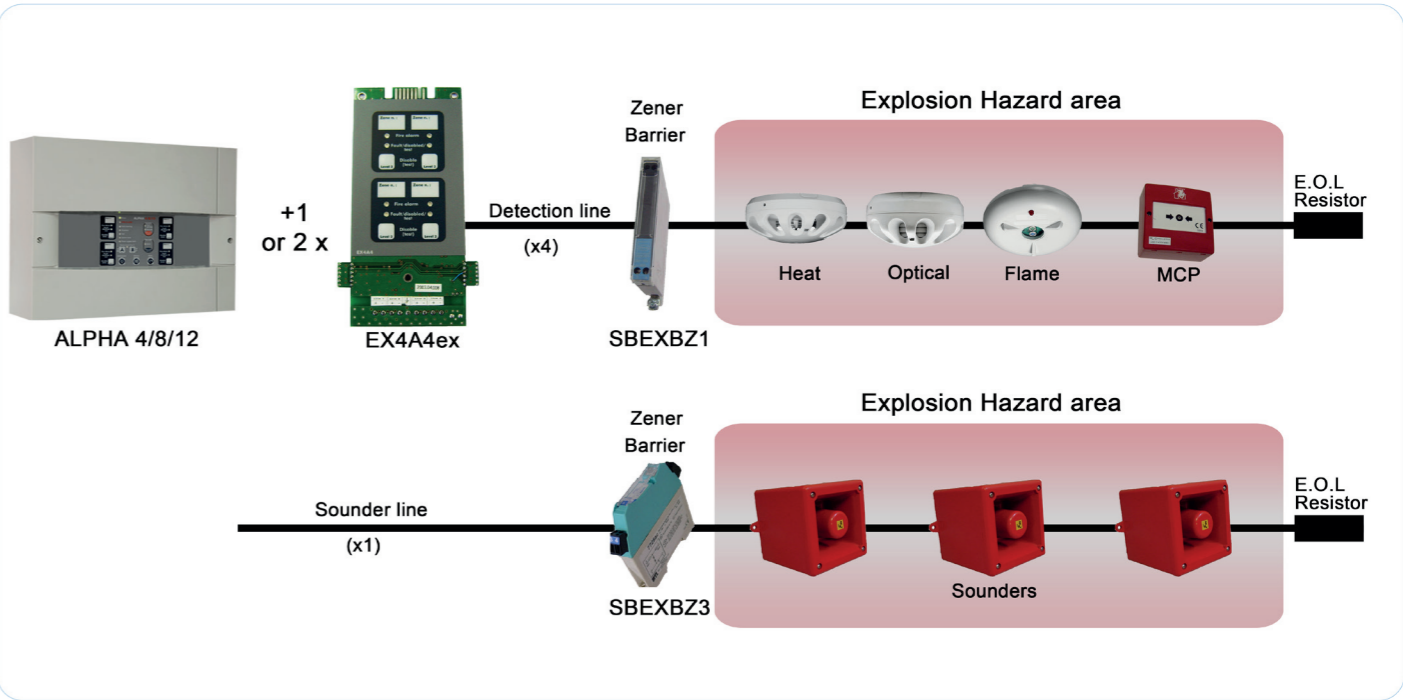
**REP4R**  
4 WAYS RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, connection by wires with programmable open collectors of ALPHA 4/8/12
- 

**R12P2**  
12 WAYS RELAY CARD, NO-NC 30V/1A, to be plugged inside ALPHA 4/8/12 panel, serial communication, permits to repeat states of the panel on 12 relays


**Addressable Ex interface**



**Conventional Ex interface**



**Explosion proof beam detector**

- 

**DLFB30 R EX**  
EXPLOSION PROOF RELAY BEAM DETECTOR, for linear smoke detection supplied with reflector for distance from 3 up to 30 meters, NO-NC ALARM, NO-NC FAULT, integrated laser pointer for alignment, EN54-12, CE according to CPD/CPR, Ex II 2 G Ex d IIC T6, II 2 D Ex td A21 IP66 T85°C

**EXTINGUISHING SYSTEMS**

**ALPHA 4/8/12**

12 ZONES FIRE DETECTION CONVENTIONAL PANEL equipped with 4 zones (max 12 zones) - max 32 detectors and/or MCP per line. Alarm/fault relays, 1 monitored sounders line, 4 programmable open collectors, 1 programmable input. Alarm prealarm/management + Day night mode. Expandable panel with availability of 2 rooms for one or two 4 zones expansion board (EX4A4) or one or two Extinguishing boards (DEAG). EN54-2, EN54-4 AFNOR, BOSEC, CE according to CPD/CPR, EN12094-1 with extinguishing board (DEAG). Needs 2 batteries 12V/7Ah. Exists also in 110VAC version



**Options      Accessories**

**DEAG**

1 ZONE EXTINGUISHING EXPANSION BOARD, to be used for management of 1 extinguishing channel. All monitored lines : Extinguishing actuators, Evacuation panels, Release button, Abord button, Low pressure contact. This board permits to convert ALPHA 4/8/12 panel in a detection extinguishing panel. CE CPD, EN12094-1



**R4P2**

4 WAYS RELAY CARD, NO-NC 30V/1A, to be plugged inside the panel, serial communication, permits to repeat states of the panel on 4 relays



**R12P2**

12 WAYS RELAY CARD, NO-NC 30V/1A, to be plugged inside ALPHA 4/8/12 panel, serial communication, permits to repeat states of the panel on 12 relays



**62116014**

Selector valve (DN50)



**62116012**

Selector valve CE 350 bars 1"1/4 (DN32)

**62116013**

Selector valve CE 350 bars 1"1/2(DN40)

**62116011**

Selector valve CE 350 bars 1" (DN25)



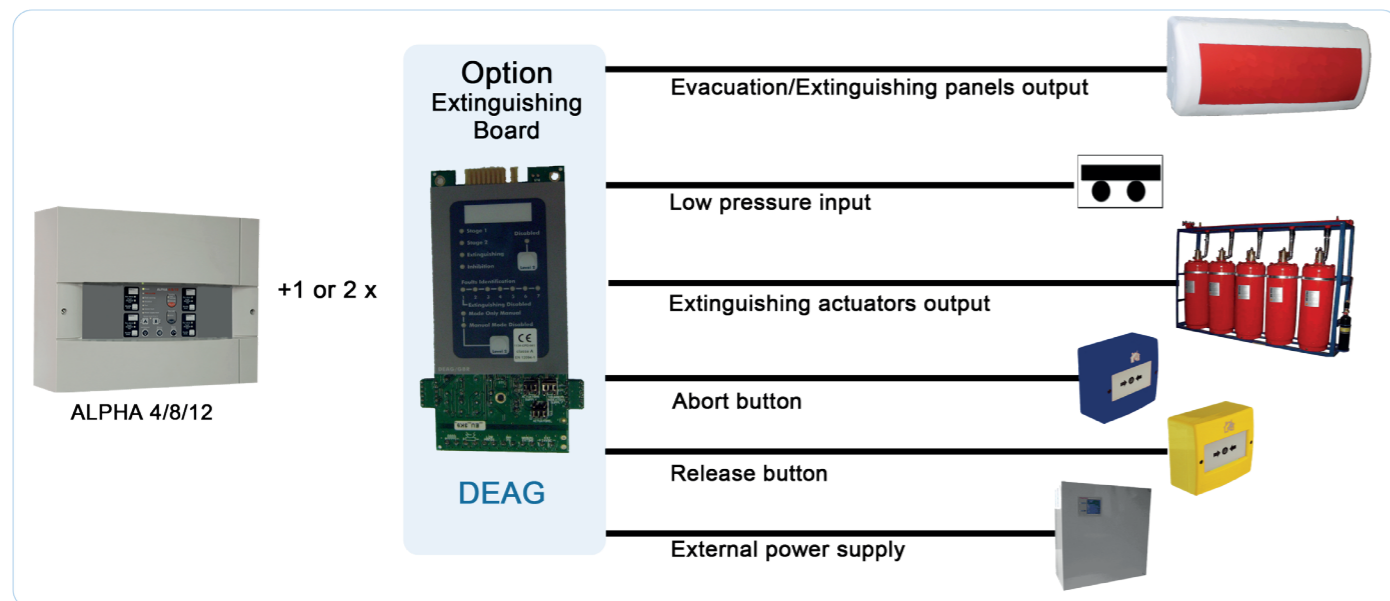
**6050324N**

Pneumatic siren



**BS36015**

Silent nozzle 360° 1/2FG



**CONVENTIONAL PANEL**

**ALPHA 4/8/12 - M**

12 ZONES FIRE DETECTION CONVENTIONAL PANEL equipped with 4 zones (max 12 zones) - max 32 detectors and/or MCP per line. Alarm/fault relays, 1 monitored sounders line, 4 programmable open collectors, 1 programmable input. Alarm prealarm/management + Day night mode. Expandable panel with availability of 2 rooms for one or two 4 zones expansion board (EX4A4) or one or two Extinguishing boards (DEAG). EN54-2, EN54-4 AFNOR, BOSEC, CE CPD, EN12094-1 with extinguishing board (DEAG). CE Med marine Bureau Veritas approved. Needs 2 batteries 12V/7Ah



**CONVENTIONAL DETECTORS AND MCP**

**OC05-M**

CONVENTIONAL OPTICAL SMOKE DETECTOR, 1 remote led ourput, EN54-7, CE according to CPD, CE Med marine Bureau Veritas approved



**TRC05-M**

CONVENTIONAL RATE OF RISE + FIXED HEAT DETECTOR, T° =62°C, +9°C/min, 1 remote led output, EN54-5, CE according to CPD, CE Med marine Bureau Veritas approved



**TSC05-A1S-M**

CONVENTIONAL FIXED HEAT DETECTOR T° =62°C, 1 remote led ourput, EN54-5, CE according to CPD, CE Med marine Bureau Veritas approved



**DMCL05-M**

MANUAL CALL POINT resettable with key without breaking glass, red colour, EN54-11, CE Med marine Bureau Veritas approved



**IRY2+S95-M**

CONVENTIONAL INFRARED FLAME DETECTOR, 1 remote led output, vision cone ± 45°, Distance max 25m, EN54-10 class 1 and 2, CE according to CPD, CE Med marine Bureau Veritas approved,base included



**Bases**

**BRI+S05SE**

WATERPROOF universal base with glands for 05 range (IP65), base with tubes connections supplied with glands



**S05SE**

UNIVERSAL BASE WITH STICK ADDRESS SOCKET for 05-range conventional and addressable detectors





## ACCESSORIES FOR FIRE ALARM SYSTEM

### MAGNET



#### VTR0241210

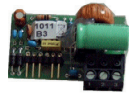
ELECTROMAGNETIC DOOR release unit in metal case, 50daN, 24V



#### V7RSSOL

Floor support for magnet VTR0241210 (option)

### CONVERTER



#### RT/B

Converter Module 24Vdc to 12 Vdc.



#### USB/232

CONVERTER MODULE USB/232



## HEPHEA RANGE POWER SUPPLY



#### PSUC224S

Wall mounting 24Vdc safety power supply unit, 2A version.  
Delivered in metallic enclosure able to house batteries with capacity up to 17Ah. (Also available in rack version)



#### PSUC524S

Wall mounting, 24Vdc safety power supply unit, 5A version.  
Delivered in metallic enclosure able to house batteries with capacity up to 17Ah. (Also available in rack version)



#### PSUC524M

Wall mounting, 24Vdc safety power supply unit, 5A version.  
Delivered in metallic enclosure able to house batteries with capacity up to 27Ah. (Also available in rack version)



#### HEPHEA 248B

Power supply box designed to be appropriate for the use as a power unit with a reserve of energy for the supply of a fire detection installation in accordance with the Directive of the Products of Construction CPD 89/106/CEE. The electric and mechanical realization of these products is in conformity with the EN standards 54-4:1997 + A1:2002 + A2:2006, EN12101-10 and EN60950-1:2001.

### RACK VERSION



#### HEPHEA 248B/R

Power supply box in RACK version designed to be appropriate for the use as a power unit with a reserve of energy for the supply of a fire detection installation in accordance with the Directive of the Products of Construction CPD 89/106/CEE. The electric and mechanical realization of these products is in conformity with the EN standards 54-4:1997 + A1:2002 + A2:2006, EN12101-10 and EN60950-1:2001.



## ELECTRIC LOCK FOR EMERGENCY EXIT DOORS



#### DS3000

ELECTRIC LOCK FOR EMERGENCY exit doors with one leaf



#### 9055469

Holds in PVC of 25mm for DS3000



#### CLEVA2-CLE

LOCAL COMMAND of evacuation with key including delay of closing

#### BBG-V

Green Manual Call point with reset key



## FIRE ALARM CABLE



#### SAS0250HFEEH-F3FG4

2x0,5 mm<sup>2</sup> (diam 0.8) cable, twisted with screen, polyvinylchloride rated, flame retardant, (rolls by 200m), EN50200

#### SAS0210HFEEH-F3FG4

2x1,00 mm<sup>2</sup> cable, twisted with screen, polyvinylchloride rated, flame retardant, (rolls by 200m), EN50200

#### SAS0215HFEEH-F3FG4

2x1,5 mm<sup>2</sup> cable, twisted with screen, polyvinylchloride rated, flame retardant, (rolls by 200m), EN50200

#### SAS0225HFEEH-F3FG4

2x2,5 mm<sup>2</sup> cable, twisted with screen, polyvinylchloride rated, flame retardant, (rolls by 200m), EN50200



## MAINTENANCE AND TEST EQUIPMENT

### Cleaning tool



#### CLEANING TOOL

Tool kit dedicated to the maintenance of optical sensors

### Test flame detector tool



#### BT-DF

Tool Tester with battery charger for flame detectors IR and UV





SPARE PARTS

Alpha 2

AL2BOARD  
ALPHA 2 MOTHER BOARD

Alpha 4/8/12

AR4D  
ALPHA 4/8/12 MOTHER BOARD

Hephais 128

MP128  
HEPHAIS 128 MOTHER BOARD

Hephais 1600

RF H 1600  
USER INTERFACE FRONT PANEL with alphanumeric display 160 characters and keyboard, 19 inches, 3U

MB2B  
Panel's main cpu board

Hephais 1600 NE

RF H 1600  
USER INTERFACE FRONT PANEL with alphanumeric display 160 characters and keyboard, 19 inches, 3U

MB2B NE  
Panel's main CPU board

ALBA150  
Power supply for hephais 1600

Alpha 500/1000

CPUB  
CPU board for alpha 500/1000

ALBA  
POWER supply for ALPHA 500/1000

MD1B05  
Extension module for 4 spur circuits (max 32 points per circuit) or 2 loops (max 125 points), for 05 intelligent detectors range

MD1B  
Extension module for 4 spur circuits (max 32 points per circuit) or 2 loops (max 125 points)

ESAL D 3U  
User interface panel with alphanumeric display 160 characters and keyboard, rack mount version 19",for ALPHA 500/1000

Head sensor gas detectors

W4187  
HEAD GAS SENSOR for METHANE GAS DETECTOR GD100C or GD100A

W4186  
HEAD GAS SENSOR for CO GAS DETECTOR GD103C or GD103A

W4188  
HEAD GAS SENSOR for PETROL STEAM GAS DETECTOR GD102C or GD102A

W4189  
HEAD GAS SENSOR for LIQUID PROPANE GAS DETECTOR LPG GD105C, GD106C or GD105A, GD106A

W4280  
HEAD GAS SENSOR for CO GAS DETECTOR GD113C or GD113A

W4088  
HEAD GAS SENSOR for HYDROGENE GAS DETECTOR GD104C or GD104A

W4316  
HEAD GAS SENSOR for HYDROGENE GAS DETECTOR catalytic GD104C-CT or GD104A-CT

W4315-CH4  
HEAD GAS SENSOR for METHANE GAS DETECTOR catalytic GD100C-CT or GD100A-CT

W4315-VB  
HEAD GAS SENSOR for PETROL STEAM GAS DETECTOR catalytic GD102C-CT or GD102A-CT

W4315-C3H8  
HEAD GAS SENSOR for LIQUID PROPANE GAS DETECTOR LPG catalytic GD105C-CT , GD106C-CT or GD105A-CT, GD106A-CT

W4315-C4H10  
HEAD GAS SENSOR for BUTHANE GAS DETECTOR catalytic GD101C-CT or GD101A-CT



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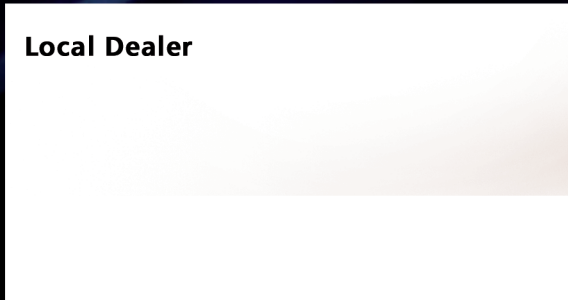




A world of fire detection equipment



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ZA du moulin de Massy  
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FRANCE

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Company network of fire safety experts  
[www.def-network.com](http://www.def-network.com)