LIST OF FIRE ALARM SYSTEMS

www.sd3.fr

SECURITY
DETECTION
DIRECT
DISTRIBUTION

SD^3 is now well known in more than 20 countries in Europe and the Middle East. Our full range of EN and CE products is successful with our partners. They find most advantages with the quality of our made in France products and our flexibility to meet their local requirements. We enjoy this achievement and will always try to satisfy our customers.

Our factories, SEFI and FARE, pillars of SD^3 development, are continuously in progress with new production processes and tests.
Their R&D department is always working on new products implementing more embedded functions mixed with low production costs.
All this organisation has enabled us to enrich our catalogue with new fire alarm systems, especially with a new intelligent range, in order to help you find even better answers for your projects and businesses.

Our goal is to get your confidence for improving your business and your technical competence. We wish you the best future with SD^3 products.

Bernard Mongelli
Managing Director

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Presentation of SD³

SD³, Security Detection Direct Distribution, was created in 2002. The company is a subsidiary of the first French manufacturer of fire detection systems (DEF created in 1958), and represents the export department of its factories:

SEFI that develops and manufactures conventional and addressable panels.

FARE that develops and manufactures conventional and addressable detectors.

SD³ belongs to and represents these factories in all Europe/Middle East distribution market. We use the concept of **FACTORY OUTLET** . This way of organisation enables SD³ to be **competitive on the market**.

SD³ works with all European countries, but also with all the countries that require **EN-54 agreement**. Our products are dedicated to **installers** specialised in security, to **distributors** with technical assistance, but also to **security systems manufacturers**.
Our EN54 and CE products certification by a notified body is our export passport to build partnerships.

SD³ offers a **complete range of fire detection** products. As we are a flexible structure directly in contact with factories and R&D departments, we are available to all kind of requests to introduce our products to your market.

SD³ also provides an **accurate technical support** and trainings whether in your offices or in ours.

Our **independent** group has been on the market since 1958 always specialised in fire alarm systems, with the values of humanism, professionalism, autonomy of decision and long-way partnership construction.
The philosophy of SD³ is to respect these values with all our partners by listening to them with reactivity and flexibility.

FARE was created in 1989. They own a tool of modern production making high investment in order to ensure a large production capacity in SMD cabling. Since 2000, they have been ISO9001 certified. This emphasis on quality has enabled FARE to become today the specialist in manufacturing fire detectors meeting strictly safety standards. Adjustments and tests are 100% automatic with regular checks of machines. The business is managed by a competent and dynamic staff. FARE has also its own R&D department able to design new detectors or customise them for SD3 partners.
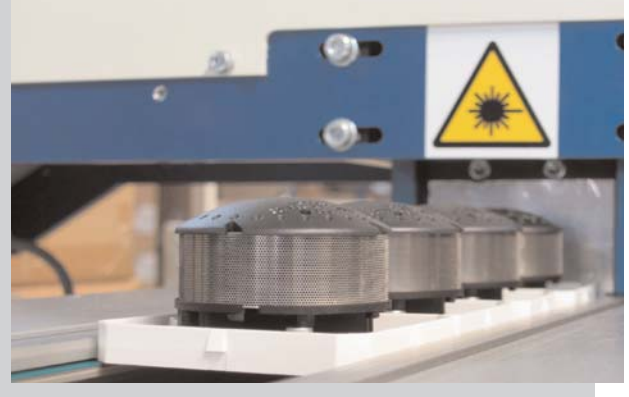
SEFI was created in 1970. They manufacture conventional and addressable fire alarm panels. SEFI owns last generation production tool SMD machines and sophisticated monitoring tests. These qualities help them to be updated with requirements of ISO, CE , AFNOR and VDS. SEFI has also its own R&D department able to adapt and customise panels for SD3 partners.

These 2 factories produce and manage the SD3 equipments delivered to its customers, by a logistic platform that groups all the products and makes a single customer delivery with multi suppliers.

With this organisation, SD3 is the sales export department for SEFI and FARE.
Two others suppliers have been added to this organisation,
Sessy for accessories and Deltaerre for gas detection and power supply.

Customers

SD³

**Commercial relationships,
Technical trainings, Assistance.**

Distribution under the factories
brand in Europe/Middle East
Location Massy (Paris) FRANCE

FIRE ALARM SYST
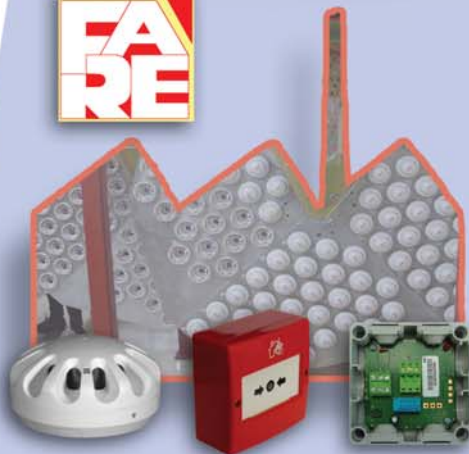
FARE
Detectors, call points, modules
Location Pithiviers FRANCE
80km from Paris

SEFI
Conventional and Intelligent/Addressable panels.
Location Pithiviers FRANCE
80km from Paris

SEFI
études-fabrication
électromécanique
électronique

DEF

SD³ BENELUX
For Belgium, Holland, Luxembourg

TEM FACTORIES

SESSY
Accessories
Location Massy (Paris) FRANCE

DELTAERRE
Gas detectors and panels, power supply
Location Verona ITALY

DEF group 1st french manufacturer

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CONVENTIONAL SYSTEMS

PANELS

2 zones

ALPHA 2	2 zones fire detection conventional panel

ALPHA 2 Options

SR2/24	2 ways relay output module, NO-NC 30V/1A

From 4 up to 12 zones

ALPHA 4/8/12	12 zones fire detection conventional panel equipped with 4 zones (max 12 zones) - EN54-2, EN54-4

ALPHA 4/8/12 Options

EX4A4	4 zones expansion board
EX4A4Ex	4 zones expansion board Ex version to be used with explosion hasard area detectors
DEAG	1 zone extinguishing zone board
R12P2	12 ways relay output module, NO-NC 30V/1A
R7P2	7 ways relay output module, NO-NC 30V/1A
REP4R	4 ways relay output module, NO-NC 30V/1A
COA4812	Empty box covered to contain extra batteries

CONVENTIONAL SYSTEMS

From 16 up to 248 zones	
Conventional modular fire control panel (max 248 zones), equipped with 16 zones expandable to 248 - alphanumeric display 2x16 - Mimic panel integrated for 32 zones (alarm, fault, disable, test)	**ALPHA 16/248**

ALPHA 16/248 Options	
8 zones expansion board	**EX8Z**
8 ways relay module	**EX8R**

Accessories for panels	
Remote indicator panel with leds and function keys	**TR-SDI**
10 zones remote indicator panel with leds and function keys	**TRI 10**

FIRE DETECTORS

05 range	
Conventional optical smoke detector, EN54-7 , CE according to CPD	**OC05**
Conventional rate of rise + fixed heat detector, T° = 62°C, + 9°C/min, EN54-5 , CE according to CPD	**TRC05**
Conventional fixed heat detector, T° = 62°C, EN54-5, CE according to CPD	**TSC05-A1S**
Conventional fixed heat detector, T° = 75°C, EN54-5, CE according to CPD	**TSC05-BS**

CONVENTIONAL SYSTEMS

FIRE DETECTORS

Y2 range	
MCY2+ S95	Conventional multisensor (optical/heat) detector, EN54-7 + base
IRY2+S95	Conventional infrared flame detector - EN54-10 + base
SUV+ES	Conventional UV flame detector + base

12Vdc application with 05 range	
OC05.12	Conventional optical smoke detector for 12V security type systems
TRC05.12	Conventional rate of rise + fixed heat detector, T° = 62°C, +9°C/min, for 12V security type systems
TSC05-A1S.12	Conventional fixed heat detector, T° = 62°C, for 12V security type systems
TSC05-BS.12	Conventional fixed heat detector, T° = 75°C, for 12Vdc security type systems
Bases	
S05	Universal base for 05-range conventional and addressable detectors
SOUND05	Base with internal sounder 90db @ 1m
R05	Plug in relay contacts circuit (12V or 24V) for 05 detectors (to be plugged in S05)
Accessories for bases	
CS05	Protection plate for S05 base

CONVENTIONAL SYSTEMS

Waterproof seal for base	**PF118**
Universal base with glands hole for 05 range	**BRI/EM**
Waterproof universal base with glands for 05 range (IP65)	**BRI**
Protection grid	**GAV**

MANUAL CALL POINTS

05 range

Conventional manual call point resettable, EN54-11 CE according to CPD	**DMC05**
Conventional manual call point resettable with led, EN54-11 CE according to CPD	**DMCL05**

05 MCP accessories

Plastic base for flush mounting MCP	**PEDM**
Transparent lift-up protective cover for MCP, double action	**VPDM**
Kit of 10 reset keys for MCP	**KCTDM**
Test key	**CTDM**

CONVENTIONAL SYSTEMS

MANUAL CALL POINTS

Y2 range	
BMY2	Conventional manual call point resettable
BMLY2	Conventional manual call point resettable with led
STS6535	Waterproof housing box for conventional manual call point with reset, IP65 (call point not included)
Miscellaneous	
2470 PB	Resettable conventional manual call point blue color, 1 change over contact
2470 PG	Resettable conventional manual call point yellow color, 1 change over contact
Accessories for MCP	
BBGCAY2	Plastic base for flush mounting MCP
CDAY2	Transparent lift-up protective cover for MCP
KB10Y2	Kit of 10 reset keys for MCP

CONVENTIONAL SYSTEMS

AIR DUCT DETECTION

Duct detector housing for 05 range (detector not included) — **BTG05**

STAND ALONE SMOKE ALARM DETECTOR

Complete domestic smoke alarm detector with 9V battery and CE EN14604 according to CPD — **VESTA**

LINEAR HEAT DETECTION

Heat detection cable 68° (price per meter) — **HC68**

Heat detection cable 105° (price per meter) — **HC105**

PANELS

From 1 to 128 addresses	
HEPHAIS 128	Intelligent/interactive control panel, 128 addresses, 2 loops or 4 spur circuits (open circuit with max 32 addresses), EN54-2, EN54-4
TELEHEPHAIS 128 E	Software programming tool for HEPHAIS 128
HEPHAIS 128 Options	
R7P2	7 ways relay output module, NO-NC 30V/1A
R12P2	12 ways relay output module, NO-NC 30V/1A
FMC1	RS232 to 422/485 converter
ALPHA R-NA	Remote user interface panel with serial connection, alphanumeric display 160 characters and keyboard (to be used with FMC1)

From 1 to 400 addresses	
HEPHAIS 400	Intelligent/interactive control panel, 400 addresses, 2 loops (max 200 addresses per loop) or 4 spur circuits (open circuit with max 32 addresses) , EN54-2, EN54-4
HEPHAIS 400/S19	Intelligent/interactive control panel, 400 addresses, 2 loops (max 200 addresses per loop) or 4 spur circuits (open circuit with max 32 addresses) , EN54-2, EN54-4, 19inches, to be mounted in cabinet
HEPHAIS 400/L	Intelligent/interactive control panel, 400 addresses, 2 loops (max 200 addresses per loop) or 4 spur circuits (open circuit with max 32 addresses) , EN54-2, EN54-4, in large box
TELEHEPHAIS 400 E	Software programming tool for HEPHAIS 400

HEPHAIS 400 Options		
7 ways relay module, NO-NC 30V/1A	**R7P2**	
12 ways relay output module, NO-NC 30V/1A	**R12P2**	
20 ways relay module NO-NC 30V/1A	**C20R**	
Communication board for RS422 & RS485 management (needed to connect graphic monitoring graphic software or/and ALPHARNA)	**ISORS**	
Remote user interface panel with serial connection, alphanumeric display 160 characters and keyboard	**ALPHA R-NA**	
Isolator with connection for ramification of 32 addresses to be plugged inside the panel	**MIV+**	

From 1 to 1600 addresses		
Modular Intelligent/Interactive fire control panel max 1600 points - supplied as standard for 400 points on 2 loops (max 200 addresses/loop) or 4 spur circuits, EN54-2, EN 54-4, in large box, networkable	**HEPHAIS 1600-400/L**	
Modular Intelligent/Interactive fire control panel max 1600 points - supplied as standard for 400 points on 2 loops (max 200 addresses/loop) or 4 spur circuits, EN54-2, EN 54-4, in small box, networkable	**HEPHAIS 1600-400/S**	
Modular Intelligent/Interactive fire control panel max 1600 points - supplied as standard for 400 points on 2 loops (max 200 addresses/loop) or 4 spur circuits, EN54-2, EN 54-4, in large box, black box without front panel, networkable	**HEPHAIS 1600-400/L BB**	
Modular Intelligent/Interactive fire control panel max 1600 points supplied as standard for 400 points on 2 loops (max 200 addresses/loop) or 4 spur circuits, EN54-2, EN 54-4, in small box, black box without front panel, networkable	**HEPHAIS 1600-400/S BB**	
Software programming tool for HEPHAIS 1600-400	**TELEHEPHAIS 1600 E**	

INTELLIGENT/ADDRESSABLE PANELS AND DETECTORS

PANELS

HEPHAIS 1600 Options	
MG2B	Extension module for 4 spur circuits (max 32 points per circuit) or 2 loops (max 200 points per loop), for 05 intelligent detectors range
MGNET	Network card
RF H 1600	User interface panel with alphanumeric display 160 characters and keyboard
ALPHA RE	Remote user interface panel with serial connection, alphanumeric display 160 characters and keyboard
R7P2	7 ways relay output module, NO-NC 30V/1A
R12P2	12 ways relay output module, NO-NC 30V/1A
C20R	20 ways relay output module NO-NC 30V/1A
X4EVAC	4 ways sounder circuit extension board
IMP/E	Serial external printer
MIV+	Isolator with connection for ramification of 32 addresses to be plugged inside the panel

Analogue panel with 05 range	
ALPHA500-125	Modular analogue fire control panel max 500 points - supplied as standard for 125 points on 2 loops or 4 spur circuits (including rack control panel), EN54-2, EN54-4
ALPHA1000-125	Modular analogue fire control panel max 1000 points - supplied as standard for 125 points on 2 loops or 4 spur circuits (including rack control panel), EN54-2, EN54-4

Description	Code
Master and command modular analogue panel, with Graphic User interface, able to command and monitor 3 slaves ALPHA 500/1000 panels.Supplied as standard for 125 points on 2 loops or 4 spur circuits. Total managment capacity of 4000 addresses	**EGRAPHALPHA MASTER-1000**
ALPHA 500/1000 Options	
Extension module for 4 spur circuits (max 32 points per circuit) or 2 loops (max 125 points), for 05 intelligent detectors range	**MD1B05**
Software programming tool	**TELEALPHA 1000**
Master command and control panel emulator	**EGRAPHALPHA**
User interface panel with alphanumeric display 160 characters and keyboard, rack mount version 19"	**ESAL D 3U**
20 ways relay output module NO-NC 30V/1A	**C20R**
Flush mounted printer	**IMP**
Serial external printer	**IMP/E**
Pack of 10 thermic paper rolls	**KCT10**
Remote user interface panel with serial connection, alphanumeric display 160 characters and keyboard	**ALPHA R-NA**
4 ways sounder circuit extension board	**X4EVAC**

INTELLIGENT/ADDRESSABLE PANELS AND DETECTORS

INTELLIGENT FIRE DETECTORS

05 range	
OA05	Intelligent/interactive optical smoke detector, microprocessor based EN54-7 edition 2000, CE according to CPD
TA05	Intelligent/interactive heat detector (static or/and rate of rise), microprocessor based EN54-7 edition 2000, CE according to CPD
MA05	Intelligent/interactive optical-heat detector, multicriteria, micro processor based EN54-7 edition 2000, CE according to CPD

A95 range (compatible with 05 range)	
IR95+S95	Analogue/addressable infrared flame detector, EN54-10

Bases	
S05	Universal base for 05-range conventional and addressable detectors
SOUND05	Base with internal sounder 90db @ 1m
ICC05	Plug in isolator board for 05 detectors (to be plugged in S05)
R05	Plug in relay contacts circuit (12V or 24V) for 05 detectors (to be plugged in S05)

Accessories for bases	
CS05	Protection plate for S05 base
PF118	Waterproof seal for base

INTELLIGENT/ADDRESSABLE PANELS AND DETECTORS

Universal base with glands hole for 05 range	**BRI/EM**
Waterproof universal base with glands for 05 range (IP65)	**BRI**
Protection grid	**GAV**

ADDRESSABLE MANUAL CALL POINTS

05 range	
Addressable manual call point - resettable with integrated isolator, EN54-11, EN54-17, CE according to CPD	**DMA05**
Addressable manual call point - resettable with integrated isolator and programmable relay output, EN54-11, EN54-17 EN54-18, CE according to CPD	**DMA05R**
05 MCP accessories	
Plastic base for flush mounting MCP	**PEDM**
Transparent lift-up protective cover for MCP, double action	**VPDM**
Kit of 10 reset keys for MCP	**KCTDM**
Test key	**CTDM**

ADDRESSABLE MANUAL CALL POINTS

A95 range (compatible with 05 range)	
BA95	Addressable manual call point with reset
DM95	Addressable manual call point - resettable with isolator
BAM95	Addressable master manual call point with reset
BA95S	Waterproof addressable manual call point with reset
Accessories for MCP	
BBGCA	Flush mounting plastic frame for MCP
CDAY2	Transparent lift-up protective cover for MCP
KB10Y2	Kit of 10 reset keys for MCP

LOOP SOUNDERS

AVSA/W	Addressable high powered piezoelectric sounder for indoor use (white colour) for HEPHAIS 400 and 1600 range
AVSA/R	Addressable high powered piezoelectric sounder for indoor use (red colour) for HEPHAIS 400 and 1600 range

INTERFACE LOOP UNITS

Addressable zone interface module for max 32 conventional points	**MAY1**
Conventional zone interface module for temperature cable	**MAY1Tcable**
Addressable input module with backbox (exists also in RAIL DIN version)	**AT95/B**
Addressable input/output module with backbox (exists also in RAIL DIN version)	**ATC95/B**
Addressable 4 inputs module with backbox (exists also in RAIL DIN version)	**FM4I**
Addressable 2 inputs + 2 outputs module with backbox (exists also in RAIL DIN version)	**FM2IO**
Addressable 4 inputs + 4 outputs module with backbox (exists also in RAIL DIN version)	**FM4IO**
Addressable 4 monitored input + 4 monitored outputs	**ED4L**
Addressable double-knock input gas control module with backbox)	**FMG/B**
Isolator including backbox with connection for ramification of 32 addresses	**MIV+/B**
Loop isolator module with backbox	**ISO95**

LINEAR SMOKE DETECTORS

DLFB I	Intelligent/Interactive beam detector (loop powered) for linear smoke detection supplied with reflector for distance from 3 up to 100 meters, EN54-12 (VDS, AFNOR), CE according to CPD
DLFB C	Conventional beam detector (loop powered) for linear smoke detection supplied with reflector for distance from 3 up to 100 meters, EN54-12 (VDS, AFNOR), CE according to CPD
DLFB R	Relay beam detector for linear smoke detection - supplied with reflector for distance from 3 up to 100 meters, EN54-12 (VDS, AFNOR), CE according to CPD
Accessories for DLFB	
BEAM-BR	Remote box for reset beam

AIR SAMPLING DETECTION WITH SMOKE DETECTORS

Conventional	
CMF Y2-2/1	Conventional air sampling panel with max 2 channels supplied with 1 air sampling channel
CMF Y2-2/2	Conventional air sampling panel with max 2 channels supplied with 2 air sampling channels
CMF Y2-4/1	Conventional air sampling panel with max 4 channels supplied with 1 air sampling channel and power supply
CMF Y2-4/2	Conventional air sampling panel with max 4 channels supplied with 2 air sampling channels and power supply
CMF Y2-4/3	Conventional air sampling panel with max 4 channels supplied with 3 air sampling channels and power supply
CMF Y2-4/4	Conventional air sampling panel with max 4 channels supplied with 4 air sampling channels and power supply

AIR SAMPLING DETECTION WITH SMOKE DETECTORS

Conventional CMF options	
Local air sampling channel module	**DRAC-C**
Remote air sampling channel module	**DRAC-CD**

Addressable	
Addressable air sampling panel with max 2 channels supplied with 1 air sampling channel	**CMF A95-2/1**
Addressable air sampling panel with max 2 channels supplied with 2 air sampling channels	**CMF A95-2/2**
Addressable air sampling panel with max 4 channels supplied with 1 air sampling channel and power supply	**CMF A95-4/1**
Addressable air sampling panel with max 4 channels supplied with 2 air sampling channels and power supply	**CMF A95-4/2**
Addressable air sampling panel with max 4 channels supplied with 3 air sampling channels and power supply	**CMF A95-4/3**
Addressable air sampling panel with max 4 channels supplied with 4 air sampling channels and power supply	**CMF A95-4/4**

Addressable CMF options	
Local air sampling channel module	**DRAC-A**
Remote air sampling channel module	**DRAC-AD**

Accessories for CMF	
Air sampling tube termination	**CMF CAP**

Code	Description
L4/LASER4	High sensitivity smoke detector (without LCD display)
LASER4 options	
L4/LAF4	Laser 4 User/remote display panel
L4/BMA	Display support for wall mounting
L4/R19	Panel for 3 display panels
L4/RG6	Communication cable PC/detector
L4/SNIFF	System design software
Aspirating pipes	
L4/25/T3	Air Sampling Pipe 25mm (3m length)
L4/25/C90	90° Elbow 25mm
L4/25/C45	45° Elbow 25mm
L4/25/TE	Equal Tee Piece 25mm
L4/25/MA	Straight Socket 25mm
L4/25/BO	End Cap 25mm

AIR SAMPLING DETECTION WITH HIGH SENSITIVITY LASER DETECTOR

Union Socket 25mm	**L4/25/RU**
Capillary Tube (10mm OD; 8mm ID) 50m reel	**L4/25/CA**
Mini Sample Point	**L4/25/CP**
Flush Sample Point	**L4/25/EP**
Mini Sampling Point Assembly c/w Remote Sample Point Adaptor	**L4/25/PCI**
Mini Sampling Point Assembly c/w End Cap Adaptor	**L4/25/PCF**
Flush Sampling Point Assembly c/w Remote Sample Point Adaptor	**L4/25/PFI**
Flush Sampling Point Assembly c/w End Cap Adaptor	**L4/25/PPF**
Sniffer Pipe Solvent Cement (250 ml) complete with brush	**L4/CO**

EXPLOSION HAZARD AREA PRODUCTS

	VIREX	Conventional infrared flame detector - Ex version, EN54-10
	VOEX	Conventional optical smoke detector - Ex version, EN54-7
	VTEX	Conventional rate of rise + fixed heat detector, Ex version, EN54-5, EN54-9
	SVEX	Mounting base - Ex version
	DMEX	Conventional call point , Ex version
	AVSEX	Ex Sounder 100db
	MAY1-EX	Zone interface module for max 32 conventional points Ex version
	SBEX BZ1	Safety barrier
	SBEX BZ3	Safety barrier exclusively for Ex sounders

PROGRAMMING AND MAINTENANCE TOOL

	MINIBT05	Portable tool for programming / test / maintenance of detectors and addressable devices (for 05 range)
	KIT 95-05	Adapter for 05 sensor for MINIBT95
	KIT 05-95	Adapter for 95 sensor for MINIBT05

TEST, MOUNTING, AND MAINTENANCE TOOL

Smoke detector tester	**3010**	
Aerosol bottle of 250 ml (pack of 12)	**3015**	
Heat detector tester (head and 12V controller)	**3053**	
12V charger	**3059**	
05 removal tool	**4065**	
95 removal tool	**4051**	
Telescopic access pole 2x1.50m	**2001**	
Telescopic access pole 2x2.00m	**2002**	
1.00m extension	**1001**	
1.20m extension	**1003**	
1.50m extension	**1004**	
2.00m extension	**1005**	

Code	Description
IND05	Remote alarm indicator
IND05E	Remote alarm waterproof indicator
AVS 2000/W	High powered piezoelectric sounder for indoor use (white colour), EN54-3
AVS 2000/R	High powered piezoelectric sounder for indoor use (red colour), EN54-3
AVSU EFP	High powered piezoelectric sounder for external use (IP65)
AVSFLASH	xenon beacon
AVS2000FLASH	Combined sounder and beacon
AV160LF24	Piezo internal sounder with led flash
P7265	Optical acoustic alarm panel, lighting with high luminosity LED IP43
P7268	Auto powered optical acoustic alarm panel, lighting with high luminosity LED IP43
P7264	Optical acoustic alarm panel, lighting with high luminosity LED IP43
P7266	Auto powered optical acoustic alarm panel, lighting with high luminosity LED IP43
4476-24	Red Internal bell, diameter 150mm, 93 db, 24Vdc
4479-24	Red external bell, 6 inches diameter, 93 db, 24Vdc

ACCESSORIES FOR FIRE SYSTEMS

Electromagnetic door release unit in metal case, 50daN, 24V	**VTR0241210**
Flooding and moisture detector with free voltage contact relay, 12/24V dc	**1450**
IP 67 liquid detector with free voltage contact relay, 12/24Vdc	**2450**
Communicator transmitter with 4 channels, 7 numbers and display	**W74345**
Converter module USB/232	**USB/232**

MONITORING SOFTWARE

Base remote map monitoring software for 8 panels (to be completed with MAPSPLUS)	**MAPSKITALPHA**
Additional module for 1 panel management	**MAPSPLUSALPHA**
Net version base remote map monitoring software (to be completed with MAPSPLUSALPHANET)	**MAPSKITALPHANET**
Net version additional module for management of 1 panel	**MAPSPLUSALPHANET**
Net version additional module for management of 4 panels	**MAPSPLUSALPHANET4**
TCPIP interface for analogue panel (MA53 422/232 converter + Procontroller 232/TCPIP converter)	**JBUS/IP**
TCPIP interface for 4 analogue panel (MA53 422/232 converter + Procontroller 232/TCPIP converter)	**JBUS/IP/4**
Converter module RS232/RS422 with power supply	**MA53**

GAS DETECTION

PANELS

	ALPHAGAS-256	Addressable modular gas control panel (max 256 gas detectors), - alphanumeric display 2x16 - Mimic panel integrated for 8 zones (alarm, fault, disable, test), includes already 1 x MG2LOOP module to be completed with max 1 x MG2LOOP more
	MG2LOOP	Extension internal module for 2 gas loops (total 128 addresses for the board, 128 max addressses per loop)
	EX8R	8 ways relay module
	ALPHAGAS-256 options	
	FMK-GAS	Loop gas module interface, to be plugged into gas detectors
	PRG GAS	Test tool for gas detector

GAS DETECTORS

	DRS900	Methane gas detector, CH4, IP55
	DRS902	Petrol steam gas detector, IP55
	DRS903	Carbon monoxide gas detector, CO, IP55
	DRS904	Hydrogene gas detector, H2, IP55
	DRS905	Liquid propan gas detector, LPG, IP55
	DRS906	Propan gas detector, C3H8, IP55
	DRS909	Acetilene gas detector, C2H2, IP55

POWER SUPPLY

Description	Code
Power supply in box 24V-2A, including output relays for mains fault and battery fault, EN54-4, CE according to CPD	**CEAL224B**
Power supply in box 24V-4A, including output relays for mains fault and battery fault, EN54-4, CE according to CPD	**CEAL424B**
Power supply in box 24V-1A	**AL124B**
Power supply in box 24V-4A	**AL424B**
Power supply in box 24V-10A	**AL1024B**

VOICE EVACUATION SYSTEMS

Description	Code
Voice evacuation central panel	**SEV-C**
Satellite sounder 105db	**DTR70**
Satellite sounder 115db	**DTR44**
High powered Voice sounder 100db@1m, (8s message), red colour	**DSV110/R**
High powered piezoelectric sounder for indoor use (white colour), EN54-3	**DSV110/W**

ELECTRIC LOCK FOR EMERGENCY EXIT DOORS

Description	Code
Electric lock for emergency exit doors with single action	**DS3000**
Electric lock for emergency exit doors with double action	**DS2009 5X**

Local Dealer

SD³

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SECURITY
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