INTELLIGENT MONITORING FOR SAFER BUSINESS

PANASONIC FIRE ALARM SOLUTIONS

TECHNOLOGY FOR A BETTER WORKING WORLD

CHOOSE PANASONIC FIRE SOLUTIONS AND YOU'RE CHOOSING WORLD-CLASS PROTECTION

With more than 30 years' experience in the development of fire solutions, and installations in over 15,000 buildings, Panasonic provides technology that's designed not just to alert you to the outbreak of fire, but also to pre-warn you of conditions that could lead to fire.

A track record of safety and success – our fire solutions are proven in many industries, delivering high levels of accuracy and few false alarms.

Lower total cost of ownership – because our solutions achieve outstanding levels of reliability and are easily installed, maintained and managed, the cost to the end user is reduced over the lifetime of the system.

Smart flexible detector algorithms

Our smart flexible detector algorithm improves the detection functionality of detector units, and is now available equipped with Artificial Intelligence capability. There are up to five working modes inside the detector, which selects the relevant mode automatically by 'learning' from the surrounding environment.

Improved detector chamber with extremely fine mesh net

Following extensive research into detector reliability, Panasonic identified that 78% of unwanted alarms were caused by dust or insects – both capable of passing through traditional detector meshnets. We have reduced our mesh net to just 0.3mm, reducing cases of unwanted alarms dramatically.

Constant smoke contamination monitoring

Our fire systems are constantly monitoring the levels of contamination in the detectors, and has sensitivity compensation for contamination. This lowers ongoing maintenance costs and maintains a consistent level of sensitivity.

Tested not once, but twice

Smoke detectors are life-saving devices. So every Panasonic smoke detector is tested twice with real smoke during the production process. We never use statistical, theoretical testing methods, ensuring the highest possible levels of reliability.

High noise immunity

Panasonic NMAST communication technology provides high noise immunity – ideal for installations in heavy industry, power plants, hospitals and universities where noise can have a negative impact on fire detection.

Multi-master configuration

Control panels can be connected in a multi-master arrangement, with up to 30 panels allowing wide distribution throughout premises.

WEB server integration

With Panasonic fire systems, it's possible to install a WEB server inside the control panel, allowing full access over TCP/IP.

THE COMPREHENSIVE SOLUTION TO A CRITICAL BUSINESS RISK

While all buildings are required by law to install some form of fire detection system, it takes more than a simple alarm to provide the security and safety a business requires. Panasonic's fire solutions are designed to provide all-round protection in every professional setting – and are now available in combination with Panasonic security camera systems. This combination of alarm sensors and Full HD video images creates a comprehensive security and monitoring solution that safeguards both premises and the continued operation of large-scale businesses and organisations.

Solutions for healthcare

To protect patients, staff, premises and the life-saving equipment inside, Panasonic has developed a range of fire solutions with the precise requirements of hospitals in mind. A range of programmable functions, intelligent algorithms and the ability to monitor multiple zones mean early, safe and reliable fire detection and prevention is achieved, in the most critical of environments.

Solutions for education

With the challenge of maintaining safety and ongoing operation across multiple sites, universities require the best possible fire detection and prevention solutions. Panasonic provides both, with proven reliability and cutting-edge technology able to deliver the level of protection needed to safeguard students and staff, and avoid the unnecessary expense and inconvenience of nuisance alarms.

Solutions for industry

Time lost due to either the outbreak or false reporting of fire can be, at best, damaging and, at worst, disastrous for the managers of industrial sites and power plants. Thanks to the flexible, multi-zone, intelligent capabilities of Panasonic's fire solutions, however, this risk can be mitigated, with systems capable of operating in the specific and often unique surroundings of industrial premises.

Solutions for transportation

Real-time security evaluation is essential in crowded places such as airports and train stations to provide the necessary prevention to ensure a high quality service that provides safety to millions of daily passengers. Panasonic technologies adapt to each environment offering a more customised solutions.

FIRE ALARM SYSTEMS
EBL512 G3 AND EBL128

EBL512 G3 Control and
Indicating Equipment (5000)

EBL128 Control and
Indicating Equipment (4550)

General

EBL512 G3 and EBL128 are analog addressable fire alarm panels which can also be used with analog addressable detectors, inputs and outputs as well as conventional detectors. Both fulfill the EN54 standards: EN54 part 2 (Control and indicating equipment) and EN54 part 4 (Power supply). Detectors, manual call points, and general input and output units for free programmable customer specific functions can be connected to the COM loops. Each loop unit uses one address.

EBL512G3 and EBL128 – a unique concept for early and safe detection without nuisance alarms

EBL512 G3 and EBL128 are a new generation of fire alarm systems. With a unique functionality in cooperation with detectors that adapt to the surrounding environment, self-diagnostics and interactivity, the system is suitable for most premises.

Each analog smoke detector in the system is individually adapted to the surrounding environment. The sensitivity of each analog detector is constant in spite of the individual contamination or background particle level. The long-term changes are, for example, distinguished from the short-term changes of a smouldering fire.

Intelligent alarm algorithms to detect smouldering fires.

The self-diagnostics function is a result of a unique algorithms that detects every deviation from the accurate normal condition in the electronics and in the detection chamber.

With the 440x detectors an advanced learning function, i.e. the detectors will adapt the alarm algorithm most suitable for the actual environment. The interactivity function uses information from one, two or more detectors in the system to increase reliability in detection of a real fire.

A family of state of the art analog detectors gives the c.i.e. accurate and noise-free information about occurrence of smoke and/or temperature changes in the installation.

A large variety of units can be connected to the COM loop:

- Analog addressable smoke and heat detectors
- Analog addressable waterproof heat detectors
- Addressable manual call points
- Addressable short circuit isolators
- Addressable sirens/sounder bases
- Addressable Visual alarm devises
- Addressable Wireless smoke detectors
- Addressable Aspirating detectors
- Addressable I/O units, also with monitored voltage outputs
- Addressable power supplies
- Conventional detectors via I/O units

FIRE ALARM SYSTEMS
EBL512 G3 AND EBL128

The EBL512 G3 and EBL128 fire alarm systems have a set of functions that meet the most stringent requirements relating to fire detection and fire prevention measures.

- Service signal is given when a detector is contaminated to a certain level.
- A large number of fire detection algorithms are supported by the system and can be set individually for each analog detector.
- Alert annunciation. The output for the alarm transmitter can be delayed for immediate on-site investigation of a fire alarm.
- Detectors, zones, programmable outputs and outputs for the alarm transmitter can be individually disabled.
- Internally and/or externally controlled time channels. E.g. one or more alarm points may be disabled via an external timer.
- User programmable outputs can be programmed in a very flexible way enabling control of sirens, fire doors, extinguishing systems, etc.
- External fire brigade panels can be connected to each c.i.e.
- Display of the actual system status in a PC or Tablet via a web-server connected to an intranet (LAN) or the Internet. In the event of fire alarm, service signal, etc. an e-mail can be sent to the appropriate personnel. Also provides one-way or two-way communication to an external computer system.

FIRE ALARM SYSTEMS
CONTROL AND INDICATING EQUIPMENT
C.I.E.

EBL512 G3, 5000 and 5001

Features

EBL512 G3 – the third generation of the intelligent analog addressable system.

Up to 1020 addresses – of which up to 512 can be alarm points (EN-54).

Redundant network for up to 30 control units with two TLON networks

Type numbers

5000:
EBL512 G3 – with or without a printer and for 512 alarm points. Supplied with a standard mounting plate approved for an incombustible wall (e.g. concrete).

5001:
EBL512 G3 – a 'grey box' with no front, no display and no door with plexiglass. 512 alarm points.
Supplied with a standard mounting plate approved for an incombustible wall (e.g. concrete).

5020:
Mounting plate for 19¨ mounting rack. For one 5000 / 5001.

5013:
Cabinet for drawings.

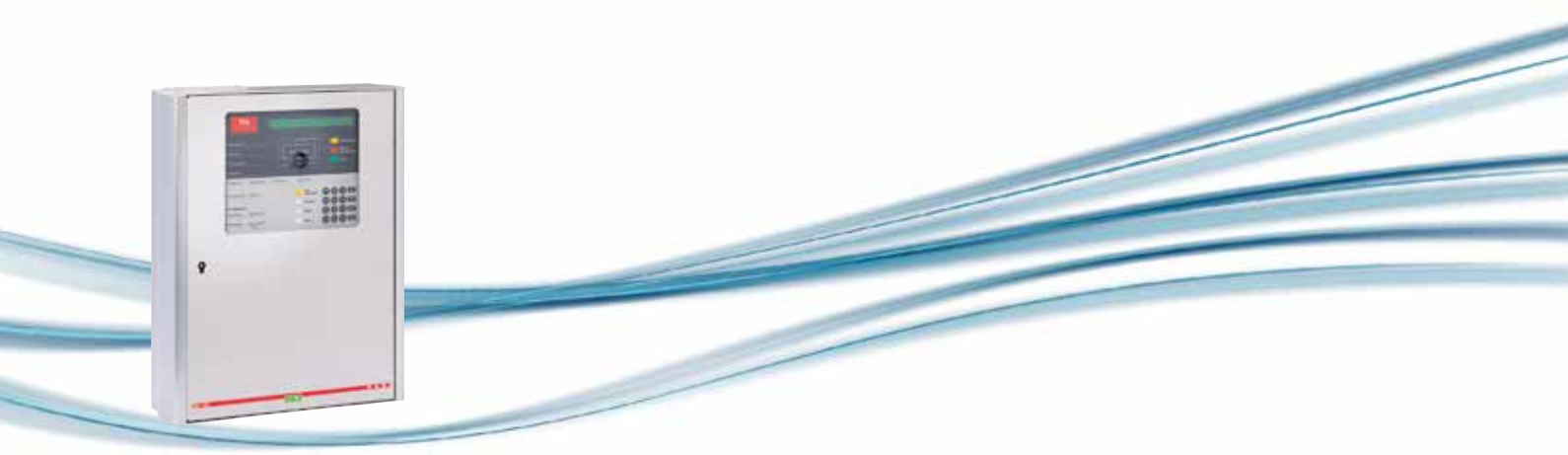
4580:
8 zones expansion board (8 zone line inputs for conventional detectors).

4581:
8 relays expansion board (8 programmable relay outputs).

4583:
Supervised in- and outputs expansion board. 3 outputs and 5 inputs.

5089:
Connection cable for up to six expansion boards (4580-4583).

5090:
TLON connection board – required for a TLON network.
Two boards in each c.i.e. for redundant network.



EBL128, 4550

Features

EBL128, an intelligent analog addressable fire alarm system for up to 255 addresses
Auto generation of the site specific data for easier c.i.e. programming

Type numbers

4550:

EBL128 (255 addresses).

4552:

RS485 transceiver component, for up to eight display units, i.e. external fire brigade panels 1826 /1828, external presentation unit 1728 and/or alert annunciation units 1735 / 1736.

4551:

Expansion board holder. (For four 4580 or four 4581 expansion boards.)

4580:

8 zones expansion board. (8 zone line inputs for conventional detectors).

4581:

8 relays expansion board. (8 programmable relay outputs).

4583:

Supervised in- and outputs expansion board. 3 outputs and 5 inputs.

FIRE ALARM SYSTEMS
DISPLAY UNITS

EXTERNAL PRESENTATION UNIT 1728

Features

- For presentation of pre-warnings, fire alarms, faults and disablements
- Compact size

Type numbers

1728: External Presentation unit.

EXTERNAL FIRE BRIGADE PANEL 1826

Features

- Control and indicating panel for the fire brigade personnel
- For presentation of pre-warnings, fire alarms and general faults
- Built-in printer (option)

Control:
- Reset fire alarms
- Silence alarm devices
- Silence buzzer

Type numbers

1826: External Fire Brigade Panel.

1835: Printer for External Fire Brigade Panel 1826.

EXTERNAL FIRE BRIGADE PANEL 1828

Features

- Control and indicating panel for the fire brigade personnel
(key required for access to buttons)
- Indicating panel for all personnel
(key not required)
- Compact size

Type numbers

1828: External Fire Brigade Panel.

ALERT ANNUNCIATION UNIT 1736

Features

- Control and indicating unit for presentation of fire alarms and alert annunciation alarms
- Compact size

Type numbers

1736: Alert annunciation unit.
Designation texts in any language.

FIRE ALARM SYSTEMS
ANALOG / ADDRESSABLE DETECTORS

ANALOG BASE 3312

Features
- Common base for the different analog detectors
- Screw connectors including output for external LED
- Label holder recess

Type numbers
3312: Analog base.

3390: Label holder (100 holders per packet, excluding labels).

3391: Labels for 3390 (10 sheets à 132 labels).

ANALOG BASE WITH SHORT CIRCUIT ISOLATOR 4313

Features
- Common base for the different analog detectors
- Built-in short circuit isolator
- Screw connectors incl. output for external LED

Type numbers
4313: Analog base with isolator.

3390: Label holder (100 holders per packet, excl. labels).

3391: Labels for 3390 (10 sheets à 132 labels).

ANALOG BASE 3312F / FL

Features
- Common base for the different analog detectors
- Fast connectors
- Label holder recess

Type numbers
3312F: Analog base with fast connectors (blue) for the COM loop.

3312FL: Analog base with fast connectors (blue) for the COM loop and fast connectors (gray) for external LED (e.g. 2218).

3390: Label holder (100 holders per packet, excl. labels).

3391: Labels for 3390 (10 sheets à 132 labels).

ANALOG MULTI DETECTOR 4400

Features

- Heat and smoke
- Constant sensitivity / Service signal at a fixed level of contamination
- Advanced algorithms and functions and yet compatible with older EBL systems
- Used in Advanced mode with the newest alarm algorithms
- In Advanced mode a learning function can be used, i.e. the detector will adapt the alarm algo rithm most suitable for the actual environment

Type numbers

4400: Analog multi detector.

ANALOG PHOTOELECTRIC SMOKE DETECTOR 4401

Features

- Constant sensitivity / Service signal at a fixed level of contamination
- Advanced algorithms and functions and yet compatible with older EBL systems
- Used in Advanced mode with the newest alarm algorithms
- In Advanced mode a learning function can be used, i.e. the detector will adapt the alarm algo rithm most suitable for the actual environment

Type numbers

4401: Analog photoelectric smoke detector.

ANALOG MULTI DETECTOR WITH CO 4402

Features

- Advanced algorithms with triple security; Smoke, Heat and CO.
- Distinguishes real fire from nuisance alarms, ideal for environments with non-fire smoke
- Provides constant sensitivity
- More than 5 years life of CO element

Type numbers

4402: Analog multi detector with CO

ADDRESSABLE SOUNDER BASE 3379

Features

- Normal or high sound output
- Three different tones and priority levels
- Connected directly on the COM loop

Type numbers

3379: Addressable sounder base (sounder and a special version of analog base 3312).

ANALOG HEAT DETECTOR 3308

Features

- Different modes for compatibility with other EBL systems / detectors
- Algorithms for class A1, A2 S or B S

Type numbers

3308: Analog heat detector

ENCLOSED ANALOG HEAT DETECTOR 3309

Features

- Different modes for compatibility with other EBL systems / detectors
- Algorithms for class A1, A2 S or B S
- Waterproof (IP67)

Type numbers

3309: Enclosed analog heat detector (including connection box, 3 compression glands and gasket).

3390: Label holder (100 holders per packet, excluding labels).

3391: Labels for 3390 (10 sheets à 132 labels).

FIRE ALARM SYSTEMS
ANALOG / ADDRESSABLE DETECTORS

WIRELESS PHOTOELECTRIC SMOKE DETECTOR 4611

Features

- Ideal in buildings where it is difficult to hide cables or where extensions are required
- Built-in sounder
- Up to 170 m transmission range (open air) and 6 years battery life
- Highly flexibility: Up to 4 base stations on each COM loop and up to 16 detectors on each base stations

Type numbers

4611:
Wireless Photoelectric Smoke Detector

ADDRESSABLE BASE STATION FOR WIRELESS UNITS 4620

Features

- Ideal in buildings where it is difficult to hide cables and where extensions are required
- Up to 170 m transmission range (open air)
- Highly flexibility: Up to 4 base stations on each COM loop and up to 16 detectors on each base stations
- Built-in short circuit isolator
- The base station has two built-in antennas

Type numbers

4620: Addressable Base Station for wireless units

WIRELESS SNIFFER 4613

Features

- Highly recommended as a help during planning, installation and commissioning of the wireless system
- Checks the background noise
- Checks the signals between a Base station and its wireless detectors
- Verifies that the standard EN54-25 is fulfilled

Type numbers

4613: Wireless sniffer

UNITS FOR HAZARDOUS (EX) AREAS – ANALOG DETECTORS

INTRINSICALLY SAFE (IS) ANALOG PHOTOELECTRIC SMOKE DETECTOR 2840

Features

- Approved Intrinsically Safe detectors
- The detectors are connected to the Barrier unit, which is connected to a COM loop

INTRINSICALLY SAFE (IS) ANALOG HEAT DETECTOR 2841

Features

- Approved Intrinsically Safe detectors
- The detectors are connected to the Barrier unit, which is connected to a COM loop
- Waterproof - IP66 / 67

INTRINSICALLY SAFE (IS) BARRIER UNIT 2842

Features

- Approved Intrinsically Safe
- Up to 20 detectors per barrier unit

Type numbers

2840: Intrinsically safe Analog photoelectric smoke detector.

2841: Intrinsically safe Analog heat detector.

2842: Intrinsically safe Barrier unit (including five compression glands).

2843: Intrinsically safe back-box for 2840 and 2841. Including two compression glands.

FIRE ALARM SYSTEMS
ADDRESSABLE ASPIRATING DETECTOR

ASPECT ADDRESSABLE-GRIZZLE DETECTOR AE2010G-P

Features

- Extremely reliable in humid and dusty environments
- Self calibrating without any need for manual adjustments
- Up to 200 meter pipe length, easily dimensioned with the help of a PC program
- Installation and monitoring by smartphone app
- Constant and high sensitivity - Class B

Type numbers

AE2010G-P: Aspect Addressable-Grizzle Detector

VULCAN CYCLONE FILTER VF 250 com

Features

- Installed before ASPECT to remove both dust and condensation from the sampled air before it enters the detection chamber
- Used in rooms with extreme amounts of dust

Type numbers

VF 250 com: Vulcan cyclone filter

CONDENSE BOTTLE LK 501

Features

- Installed before ASPECT to remove condensation from the sampled air before it enters the detection chamber
- UV-resistant plastic ensures that the LK 501 can handle exposure to direct sunlight over time

Type numbers

LK 501: Condense bottle

EXHAUST KIT AU 002

Features

- Used to lead exhaust air back into rooms with large under pressure.
- Can reduce fan noise or avoid the spread of odours, if an ASPECT installed in an office environment samples air from livestock rooms or similar.

Type numbers

AU 002: Exhaust kit

SNIFFER SN 258 M

Features

- Sniffers are the extended arms of the pipeline, able to be stretched through ceilings from church lofts and such. This way, the pipeline may be hidden, and the system appears as virtually invisible.
- A outer steel screen to protect from mice and other pests.

Type numbers

SN 258 M: Sniffer 0,75 meter sampling point. With outer steel screen.

SN 253 P: Sniffer 3 meter sampling point

PIPES

Features

- An internal Ra value of 1.6 contributes to avoiding buildup of dust and bacteria in the pipeline, and to ensuring optimal functionality with respect to transportation of smoke.
- No glue is needed, as the sleeves are conical and supplied with a sealing agent inside.

Type numbers

PL 252 : Plastic pipe 4 meters

PL 253 : Plastic pipe 4 meters RED

AL 250 : Aluminium pipe 4 meters

BE 253 : Sleeve couplings bent at 90°, including the same sealant as regular couplings

BE 253-45 (A/B): Sleeve couplings bent at 45°, sealant as in the standard bend.
Two versions:
Female/female (A) and female/male (B).

ELOCUT

Features

- Elotec pipes are delivered in 4 m segments that may be cut to length where needed. To ensure clean cuts with no burrs, use the ELOCUT cutting tool.

Type numbers

ELOCUT: Pipe cutter

FIRE ALARM SYSTEMS
CONVENTIONAL DETECTORS / UNITS FOR ZONE LINE INPUTS

BASE 2324

Features
- Common base for the different conventional detectors
- Easy connections incl. output for external LED
- Locking mechanism

Type numbers
2324: Base (for conventional detectors).

HEAT DETECTOR 4375

Features
- Conventional heat detector
- Fixed temperature (static) alarm level

Type numbers
4375: Heat detector, 60°C, class A2 S.

HEAT DETECTOR 4376

Features
- Conventional heat detector
- Fixed temperature (static) alarm level

Type numbers
4376: Heat detector, 80°C, class B S.

COMBINATION HEAT DETECTOR 4318

Features
- Conventional heat detector
- Rate-of-rise and fixed temperature (59°C) alarm level

Type numbers
4318: Combination heat detector, class A1 R.

PHOTOELECTRIC SMOKE DETECTOR 4452

Features
- A conventional smoke detector
- Low profile design
- Latest IC technology / highest reliability

Type numbers
4452: Photoelectric smoke detector.

FIRE ALARM SYSTEMS
CONVENTIONAL DETECTORS / UNITS FOR HAZARDOUS AREAS

INTRINSICALLY SAFE MANUAL CALL POINT

Type numbers

2814 MCP1A-R470SGIS:
Intrinsically safe manual call point (incl. back-box and a transparent protection flap).

UNITS FOR HAZARDOUS (EX) AREAS – CONVENTIONAL DETECTORS

Features

- Approved Intrinsically Safe interface, isolator and detectors
- The intrinsically safe units are connected to a Galvanic isolator (2820)
- The Galvanic isolator (2820) can be connected to a conventional zone line input or to an I/O unit 3361 connected to a COM loop
- The Isolated zone interface box has space and a mounting plate for an I/O unit 3361
- The isolated zone interface require external 24 V DC

Type numbers

2822: Isolated zone interface (including waterproof box and four compression glands).

2823: Isolated zone interface board (spare part).

2820 MTL5061: Galvanic isolator (including waterproof box and four compression glands).

2812 YBN-R / 4 IS: Intrinsically safe mounting base.

2811 DCD-1E-IS: Intrinsically safe heat detector.

INTRINSICALLY SAFE PHOTOELECTRIC SMOKE DETECTOR 2810

Type numbers

2810 SLR-E-IS: Intrinsically safe photoelectric smoke detector.

ENCLOSED HEAT DETECTORS 6295, 6296, 6297, 6298

Features

- Conventional heat detector
- Fixed temperature alarm level
- ATEX compliance
- Waterproof (IP67)

Type numbers

6295: Enclosed heat detector, 57°C, class A2 S (54 to 70°C).

6296: Enclosed heat detector, 72°C, class B S (69 to 85°C).

6297: Enclosed heat detector, 87°C, class C S (84 to 100°C).

6298: Enclosed heat detector, 117°C, class E S (114 to 130°C).

FIRE ALARM SYSTEMS
ADDRESSABLE COM LOOP UNITS

ADDRESSABLE MANUAL CALL POINT WITH ISOLATOR 4433

Features

- Built-in short circuit isolator
- Attractive design compliant with EN54-11
- Test key for routine testing without breaking the glass element
- Protection against accidental operation

Type numbers

4433: Addressable manual call point with isolator.

2347: Replacement glass (10 pcs.)

2348: Replacement polycarbonate cover (10 pcs.)

ADDRESSABLE MULTIPURPOSE I/O UNIT 3361

Features

- Two programmable relay outputs
- Two programmable inputs (one can be used as a zone line input)

Type numbers

3361: Addressable multipurpose I/O unit (including plastic protection cover).

3362: Waterproof box (IP66/67) (including four compression glands).

3363: DIN rail interface kit, for symmetric 35mm DIN rail (plate, clamp and screws).

ENCLOSED ADDRESSABLE MANUAL CALL POINT 4439

Features

- Built-in short circuit isolator
- Attractive design compliant with EN54-11. IP rating IP66
- Test key for routine testing without breaking the glass element
- Protection against accidental operation

Type numbers

4439: Enclosed addressable manual call point with isolator.

2347: Replacement glass (10 pcs.)

2348: Replacement polycarbonate cover (10 pcs.)

ADDRESSABLE 2 VOLTAGE OUTPUTS UNIT 3364

Features

- Two programmable supervised voltage outputs (24V DC, 2 x 1A)
- A special fire door closing voltage output

Type numbers

3364: Addressable 2 voltage outputs unit (including plastic protection cover and two capacitors).

3362: Waterproof box (IP66/67) (including four compression glands).

3363: DIN rail interface kit, for symmetric 35mm DIN rail (plate, clamp and screws).

3366: External power supply.

EXTERNAL POWER SUPPLY 3366

Features

- Connected to a COM loop
- Monitored from the c.i.e.
- 230V AC / 24V DC, (up to 4A)
- Space for batteries inside the housing

Type numbers

3366: External power supply (batteries are not included).

FIRE ALARM SYSTEMS
ADDRESSABLE COM LOOP UNITS - ALARM DEVICES

ADDRESSABLE WALL VAD WITH ISOLATOR 4480

Features
- Built-in short circuit isolator
- Flash rate 0,5 Hz or 1 Hz
- Coverage 2,4 x 7,5 x 7,5 meters
- Connected directly on the COM loop
- Available in red or white

Type numbers
4480: Addressable wall VAD with isolator.

ADDRESSABLE CEILING VAD WITH ISOLATOR 4481

Features
- Built-in short circuit isolator
- Flash rate 0,5 Hz or 1 Hz
- Coverage 3 x Ø 7,3 meters
- Connected directly on the COM loop
- Available in red or white

Type numbers
4481: Addressable ceiling VAD with isolator.

ADDRESSABLE VAD WITH SIREN AND ISOLATOR 4482

Features
- Built-in short circuit isolator
- Flash rate 0,5 Hz or 1 Hz
- Coverage 2,5 x 5 x 5 meters
- High sound output but low current consumption
- Seven different tones and three priority levels
- Connected directly on the COM loop
- Available in red or white

Type numbers
4482: Addressable VAD with siren and isolator.

ADDRESSABLE SIREN WITH ISOLATOR 4487

Features
- Built-in short circuit isolator
- High sound output but low current consumption
- Seven different tones and three priority levels
- Connected directly on the COM loop
- Available in red or white

Type numbers
4487: Addressable siren with isolator.

FIRE ALARM SYSTEMS
DETECTOR ACCESSORIES

EXTERNAL INDICATOR (LED) 2218

Features
- Symbol instead of text
- One indicator for all detector types

Type numbers
2218: External indicator (LED)

ADDRESSABLE LOCAL ALARM ACKNOWLEDGE UNIT 4445

Features
- Connected to a COM loop
- Located in area where also a smoke detector and a sounder base is installed
- Local fire alarm, sound from sounder base and lit LED in the acknowledge unit
- If the green button is pressed within 30 seconds (or other programmed time) the sounder stops and the alarm will stay local for another 3 minutes (or other programmed time)
- When smoke is removed the alarm is reset. If not, a real fire alarm will be activated after 3 minutes (or other programmed time).

Type numbers
4445: Addressable local alarm acknowledge unit.

4445Frame: Frame for addressable local alarm acknowledge unit.

ADDRESSABLE EXTERNAL INDICATOR (LED) 4418

Features
- Symbol instead of text
- One indicator for all detector types
- Connected directly on the COM loop
- Two modes of operation:
  - Follows one detector
  - Freely programmable

Type numbers
4418: Addressable external indicator (LED)

LIGHT INDICATOR 4383

Features
- Placed between an analog detector base and the analog detector
- Low current consumption thanks to LED technology

Type numbers
4383: Light indicator.

FIRE ALARM SYSTEMS
DETECTOR ACCESSORIES

LABEL HOLDER 3390

Type numbers

3390: Label holder (100 holders per packet, excluding labels).

3391: Labels for 3390 (10 sheets à 132 labels).

DUCT DETECTOR CHAMBER UG-4 6377

Features

- Patented venturi pipe and duct housing – only one pipe is required
- User friendly installation
- For conventional as well as analog and addressable systems
- Pipe with a built-in fan is available
- Waterproof (IP67)

Type numbers

6377: UG-4 duct detector chamber – incl. standard mounting accessories.

(NOTE! Detector & base have to be ordered separately.)

6380-06: UG-4 pipe 0.6 m.

6380-15: UG-4 pipe 1.5 m – incl. plastic end gasket and rubber gasket TET 26-35.

6380-28: UG-4 pipe 2.8 m – incl. plastic end gasket and rubber gasket TET 26-35.

6381-06 1: UG-4 pipe 0.6 m with built-in fan. (Ext. 24 V AC required.)

6381-15 1: UG-4 pipe 1.5 m with built-in fan – incl. plastic end gasket and rubber gasket TET 26-35.) (Ext. 24 V AC required.)

6381-28 1: UG-4 pipe 2.8 m with built-in fan – incl. plastic end gasket and rubber gasket TET 26-35.) (Ext. 24 V AC required.)

6382 1: UG-4 bracket.

6384: UG-4 filter (10 pieces). 6385: UG-4 rubber gasket TET 26-35 (spare part).

1) The UG-4 bracket 6382 is required for the mounting of 6377 when a pipe with fan (6381-xx) is used.

INTEGRATED, INTELLIGENT PROTECTION

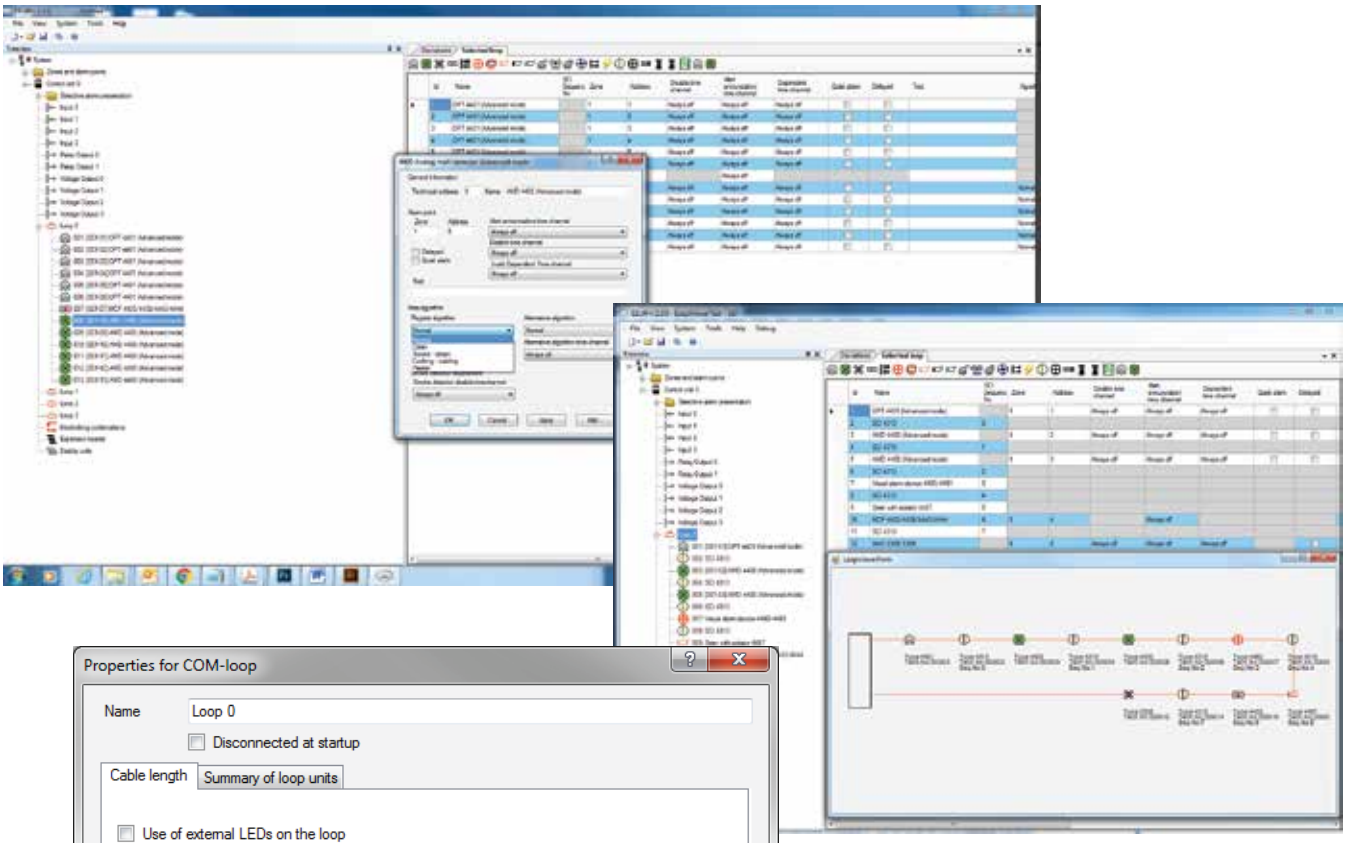
Fire is just one of the physical risks to your business. With Panasonic, you have the option to integrate your fire detection technology into wider solutions, providing seamless, more comprehensive security and monitoring.

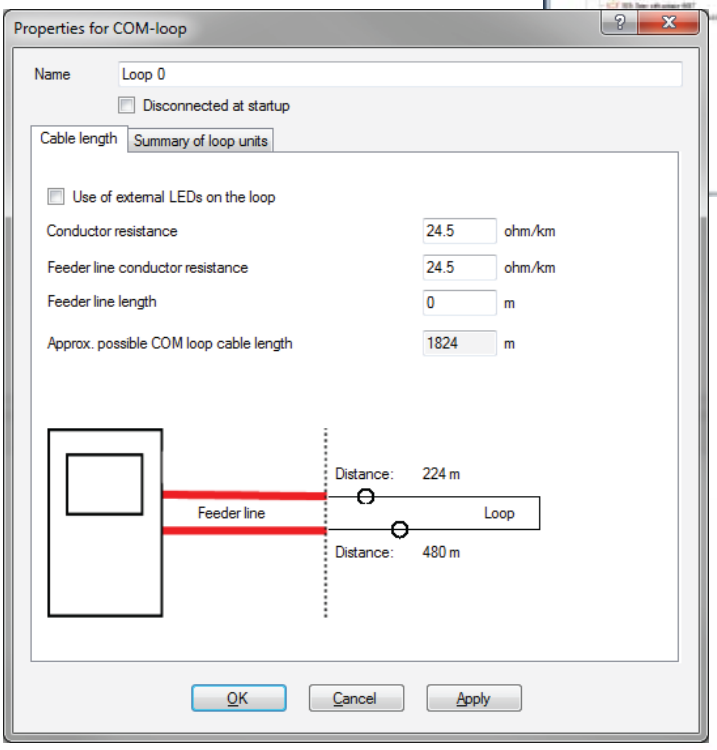
Combine our fire alarms with our market-leading security surveillance systems and you benefit from the reassurance of having proven, ultra-reliable technology at work throughout your premises. Our expandable, interoperable systems deliver greater value, reduce workloads and improve effectiveness, creating flexible, intelligent industrial all-round protection systems in every professional setting.

Using the WEB-server module, we can connect the fire alarm system via TCP/IP with CCVE monitoring software and also with CCVE IP virtual matrix, the WV-ASC970/ASM970. This interoperability between both systems makes life easier for the operator by linking the fire alarms and faults from the control panel with the live and playback video from the cameras and recorders. This allows the operator to realise the situation in real time from the control room enabling them to take action quickly and safely. In addition, CCVE monitoring system WV-ASM970 provide a map window where all the fire detector icons can be added. This allows security personnel to easily check the status of all the detectors, which blink when there is an alarm.

PLANNING, COMMISSIONING AND INSTALLATION TOOL EBLWin

Modern fire alarm systems are very complex and versatile. In order to get the optimal performance and cost effective planning, installation, commissioning and maintenance of a system, we provide EBLWin – a powerful Windows based PC tool. EBLWin is a complete support package for the systems EBL128 and EBL512 G3. All configurations and settings for the system (SSD) are done in the PC and after that downloaded to the c.i.e. For commissioning, an "SSD auto generation function" is available.





FIRE ALARM SYSTEMS
WEB-SERVER APPLICATIONS

WEB-SERVER II 1598

Features

- Web-server II, 1598; second Web-server generation
- Increased memory and faster CPU
- Webserver and gateway
- E-mails at selectable events

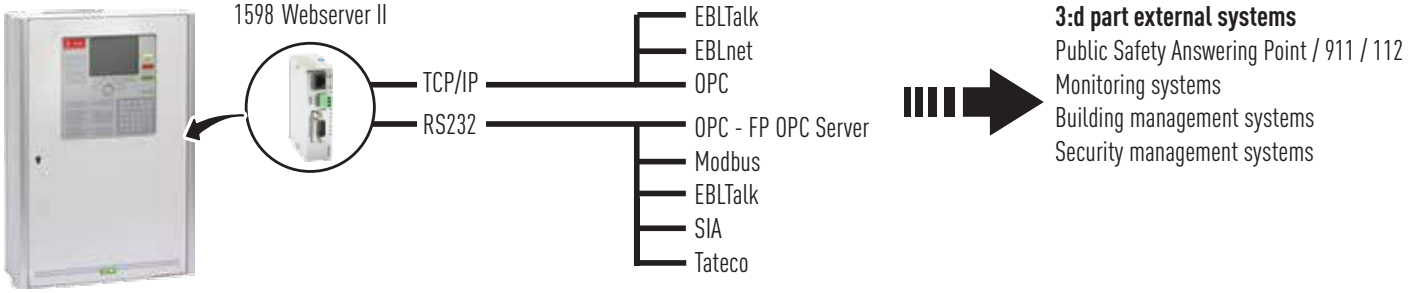
Type numbers

1598: Web-server II, incl. cable & accessories kit (The RS232C and power supply cables for systems EBL512G3 and EBL128 are supplied.)

- Remote monitoring over TCP/IP using WEB interface
- Full control of the c.i.e. remotely
- Easy access to the web interface of the IP cameras
- Interoperability with other systems like:
  - Security Management Systems
  - Panasonic CCVE solutions
  - Several drivers and protocols (EBLnet, EBLtalk, Modbus, OPC server,...) for easy integration

WEB-SERVER AS GATEWAY

Use the Web-server as a gateway to a separate system.Transmit and present fire information in another system.
Use the Web-server to connect the EBL-system to a Security Management system.



EBLWEB

EBLWeb will present the current status of the EBL-system remotely, i.e. showing current alarms, faults, disablement and other deviations corresponding to the EBL CU.
It is possible to check the area with a linked camera.

EBL GRAPHICS

Features

- Uses a drawing as interface
- Overview of activated alarm points
- Acknowledge faults
- Check area with a linked camera
- Based on EBLNet

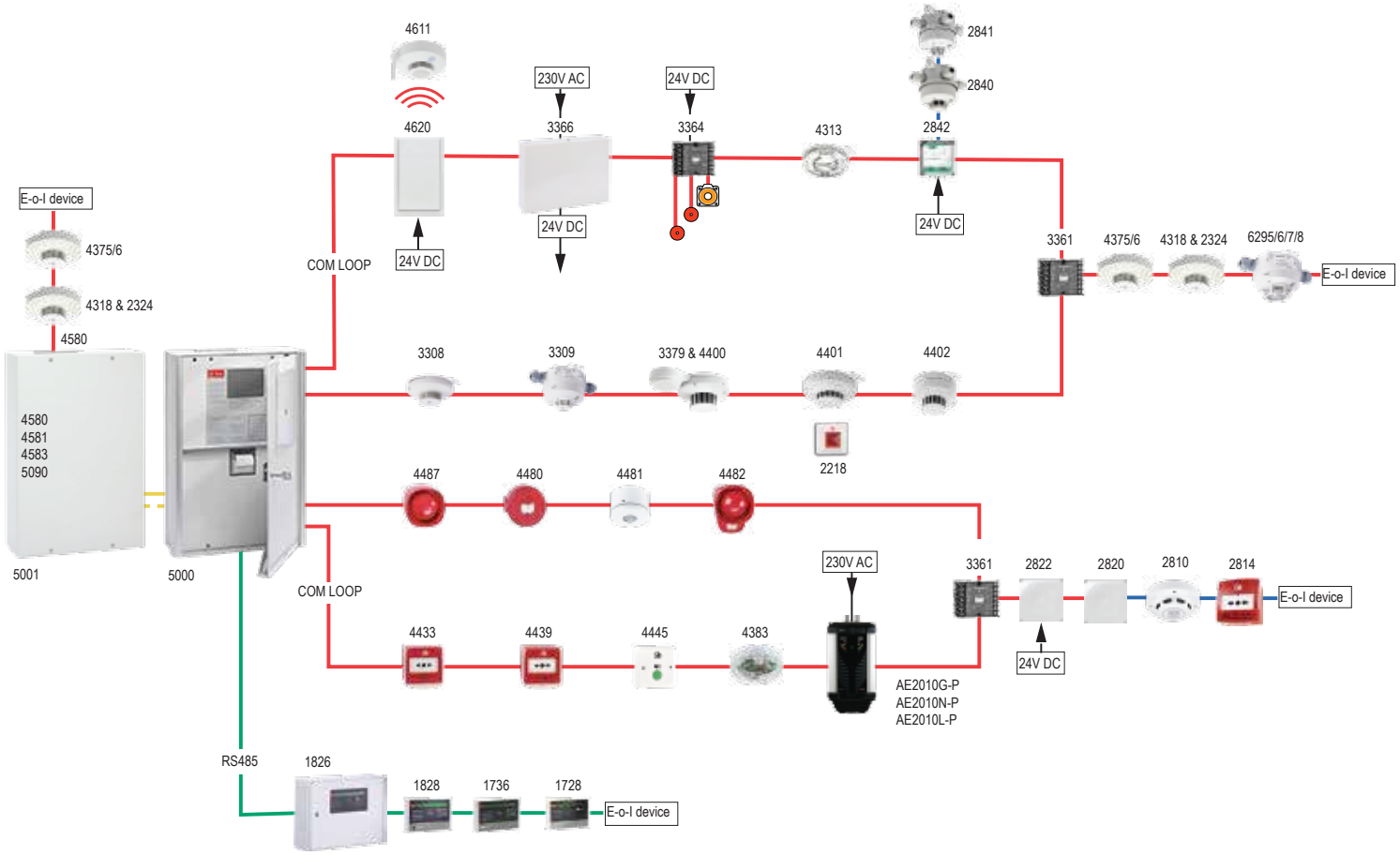
EBL WEB MONITOR

Features

- Monitor several EBLWeb-servers at the same time
- Open website to a specific EBLWeb when needed, when it reports fire alarm, faults or other deviations
- Supports a simple image map handling, so that user may configure where the monitored EBLWeb server is located in a user-specified map

EBL512 G3 FOR LARGE FIRE ALARM SYSTEMS

system overview:



Panasonic fire alarm systems are designed to accommodate both stand alone and large system requirements using different control and indicating units.
Growing up from a stand alone installation with the EBL512 G3 up to 30,600 devices can be connected through 30 control panels with 4 loops each.

Panasonic

Panasonic has been successfully tested to the highest standards, ensuring high quality and reliable fire alarm solutions.

To discover more visit http://pesn.panasonic.se

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Doc: MEW01788 Rev: 1 Date: 2016-11-16