**41CPE012**

# ATENA EASY EXPANDAB.ADDRESSABLE FIRE AL.CONT.PAN.




The ATENA EASY addressable panel is supplied as standard with a loop and can be expanded with a second additional loop by means of expansion card 41ECL022. Up to 250 addressed devices (detectors, buttons, I/O modules, sirens etc.), divided into a maximum of 16 zones, can be connected to each loop. The control panel comes in a strong metal container and displays all indications and commands on the front in compliance with the requirements set out by standard EN54-2, by means of LED light signals and the alphanumeric LCD display with 4 lines of 40 characters. Fire alarm, Fault, CPU Fault, Delayed Alarm, Exclusions, Test, Faulty/Excluded Siren, Confirm Fire Alarm, Faulty/Excluded Alarm Output, Extinguishing Started, Extinction Fault, Network Present, Alarm Silenced general indications. Direct commands for Silence buzzer, Silence siren, Reset, Evacuation, Signalling test. 4 menu navigation keys, ENTER key (Confirm), CANCEL key, keys 1,2,3,4 for setting the access code. Approved to EN 54-2 and EN 54-4.

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| MAIN FEATURES | |
|---|---|
| Number of loops | 1 standard, expandable to 2 with expansion to one loop 41ECL022 |
| Max. number of devices per loop (n°) | 250 |
| Number of detection zones available | 48 |
| Connectivity | LAN, RS485 |
| Internal buzzer | Yes |
| Siren activation delay | 1 ÷ 10 minutes |
| Detection with confirmation (dual action) | Yes |
| Activation delay management | Yes |
| Multi-language display menu | Yes |
| Operating mode With / Without Supervision (Day/Night) | Yes |
| Programming via PC | With AtenaProg software |
| Local programming | Via menu on display with keypad |
| Sensor addressing with auto-acquisition of loop devices | Yes |
| Sensor addressing with electronic programmer 41SPG000. | Yes |
| EN regulations | EN54-2, EN54-4 |

| HARDWARE SPECIFICATIONS | |
|---|---|
| IP protection rating | IP30 |
| Display | Alphanumeric LCD, 4 lines of 40 characters |
| Product weight without battery (g) | 4200 |
| Zone status indicator leds | 16 |
| Height (mm) | 310 |
| Width (mm) | 416 |
| Depth (mm) | 81 |
| Max. number of control panels on redundant RS485 network | 64 |

The technical specifications are subject to change without prior notice.

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| HARDWARE SPECIFICATIONS | |
|---|---|
| Inputs dedicated to interfacing with extinguishing systems (n°) | 3 |
| Operating temperature (°C) | -10 ÷ 50 |
| Operating humidity (RH max @40°C) (%) | 0 ÷ 96 |

| ELECTRICAL SPECIFICATIONS | |
|---|---|
| Backup power supply (batteries not supplied) | 1x 12VDC, 18Ah, 4.5A fuse |
| Auxiliary devices power supply output | 1 (24VDC/0.5A) |
| Mains power absorption (mA) | 65 |
| Programmable relay outputs with free contact (NO/NC) | 4 (15A@24 VDC) |

| GENERAL DATA | |
|---|---|
| Power supply for external devices | 1 x 24 |
| Connection on Ethernet network | Yes |
| Event log number | 10.000 |
| Supply voltage | 230VAC (+/-10%), 50Hz |
| Outputs for extinguishing system control | 1 (24VDC/0.3A) |
| Supervised outputs for sirens | 2 (24VDC/0.5A) |

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# ATENA EASY EXPANDAB.ADDRESSABLE FIRE AL.CONT.PAN.

## ACCESSORIES



### 41CPR000 PANEL REPEATER

Panel repeater for Atena and Atena Easy control panels. This can receive all the signals from the system and execute all the commands, even in a location far away from the control panel that cannot be easily accessed by operators. Alphanumeric LCD display with 4 lines x 40 characters. Fire alarm, Fault, CPU Fault, Delayed Alarm, Exclusions, Test, Network Present, Alarm Silenced general indications. Direct commands for Silence buzzer, Silence siren, Reset, Evacuation, Signalling test. 4 menu navigation keys, ENTER key (Confirm), CANCEL key, keys 1,2,3,4 for setting the access code.



### 41SPG000 PROGRAMMER FOR ADDRESSABLE DEVICES

The programmer 41SPG000 is the instrument used to assign addresses to all the devices connected in the loop (detectors, modules, manual call points and audible/visual alarms). It can read and write the addresses and to set the parameters of the detectors and modules. It is supplied with a 230 Vac, 50 Hz/ 1.5-12 Vdc, 500 mA, 6 VA (max.) power supply unit and 2 cables for connection of the modules and manual call points. It can also be powered by 4 x 1.5 V AA batteries. The detectors and audible and visual alarm devices can be directly connected to the base on the upper part of the programmer. Dimensions: 255x102x65 mm. Weight: 260 g.



### 41SWS000 ?ATENA MANAGER SUPERVISION SOFTWARE

ATENA MANAGER is an application for PC for the supervision of systems with ATENA and ATENA EASY control panels. ATENA MANAGER constantly monitors the status of the devices in the field and displays the data in the most common graph formats. In the event of fault or alarm conditions, these are displayed graphically on the screen accompanied by the relative audible signals. ATENA MANAGER enables system configurations to be imported directly from the database created with the software ATENA PROG. It can launch commands to silence buzzers, silence sirens, initiate evacuation and reset the control panel.

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# ATENA EASY EXPANDAB.ADDRESSABLE FIRE AL.CONT.PAN.

## ACCESSORIES



**41ECB000** **REDUNDANT BOARD FOR LOGIFIRE CONTROL PANELS**

Redundant module expansion card for Atena and Atena Easy control panels. This can be used to create a redundant serial communication network between multiple ATENA, ATENA EASY control panels and repeater panels (up to a maximum of 64), thereby ensuring a backup line of connection in the event of a fault in the physical communication link. Maximum current consumption: 500 mA. Network type: redundant serial line. Maximum number of panels in network: 64. Maximum distance between two cards: 1000 m. Recommended connection cable: twisted pair 0.5 - 2.5 mm2.



**41ECL022** **1-LOOP CARD FOR ADDRESSABLE CONTROL PANELS 41CPE112**

Maximum number of devices that can be connected: 250. Maximum current consumption: 500 mA. Cable cross section: 0.4 - 2.0 mm2. Operating temperature -10°C / +65 C. Operating relative humidity: (93 ± 3)% @ 40 °C. Dimensions: 75x80 mm. Weight: 30 g

The technical specifications are subject to change without prior notice.