41CPE112

1 / 2 LOOP ADDRESSABLE FIRE PANEL LOGIFIRE EASY

LOGIFIRE EASY addressable fire panel is supplied as standard with 1 Loop, which can be expanded to 2 using board 41ECL022. Up to 250 addressed devices (detectors, buttons, I/O modules, sirens etc.), divided into a maximum of 48 zones in total, can be connected to each loop. The control panel has a 5A power supply unit with 12 V output for battery. It has a strong metal container (430x330x150 mm) with the same dimensions as all the new Comelit LOGIFIRE series control panels, so as to guarantee optimum modularity and side-by-side pairing of the boxes during installation. All indications and commands are displayed on the front in compliance with the requirements set out by standard EN54-2, by means of LED indications and the alphanumeric LCD display with 4 rows 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. Approved to EN 54-2 and EN 54-4, conforms to EN54-13.

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MAIN FEATURES

Model	Addressable fire panel, 1-2 loops, LOGIFIRE series
Number of loops	1 standard, can be expanded to 2 with expansion device 41ECL022
Loop expansion communication protocol	Comelit
Max. number of devices per loop (n°)	250
Number of detection zones available	48
Connectivity	RS485, LAN (module 41ECN000 for supervision SW)
Alarm levels (T1 and T2)	Yes
Internal buzzer	Yes
Evacuation countdown (T3)	Yes
Siren activation delay	1 ÷ 10 minutes
Detection with confirmation (dual action)	Yes
Activation delay management	Yes
Maximum number of event logs (n°)	10000
Multi-language display menu	Yes
EVAC panel interfacing module	Yes, optional Art. 41EVC100
Maximum number of EVAC panels that can be connected (n°)	5
Optional thermal printer	Yes, Art. 41PRN100
Installation in modular structures	Yes
Flush-mounted	Yes, Art. 48BIA100
Operating mode With / Without Supervision (Day/Night)	Yes
Management by panel repeater	Yes
Programming via PC	With programming software
Local programming	Via menu on display with keypad
Sensor addressing with auto-acquisition of loop devices	Yes

Technical specifications are subject to change without prior notice and refer to the latest version of the product released.

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MAIN FEATURES

Sensor addressing with electronic programmer 41SPG000.	Yes
Backwards compatible with the previous series of Comelit addressed sensors	Yes
EN regulations	EN54-2, EN54-4

HARDWARE SPECIFICATIONS

IP protection rating	IP30
Case	Metallic
Product color	Grey, RAL 7045
Display	Alphanumeric LCD, 4 lines of 40 characters
Product weight without battery (g)	7000
Zone status indicator leds	16
Height (mm)	430
Port programming	Micro USB-B
Width (mm)	330
Ethernet connection	Yes (for supervision via SW) optional Art. 41ECN000
Depth (mm)	150
Max. number of control panels on redundant RS485 network	64
Protection upon access	Using a special mechanical key
Inputs dedicated to interfacing with extinguishing systems (n°)	3
Operating temperature (°C)	-5 ÷ 40
Operating humidity (RH max @40°C) (%)	0 ÷ 96
Cross-section for terminals (mm)	0.4 ÷ 2.5

ELECTRICAL SPECIFICATIONS

Main power supply	110÷230 VAC / 50÷60Hz

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ELECTRICAL SPECIFICATIONS

Backup power supply (batteries not supplied)	1 x 12 VDC - 18 Ah
Auxiliary devices power supply output	1 (24VDC/0.5A)
Max. current for Loop board	500mA
Programmable relay outputs with free contact (NO/NC)	4 (15A@24 VDC)
Monitored outputs for sirens	2 (24VDC @ 0.5A each)
Monitored outputs	3 (Alarm transmission, Extinguishing, Fault) 300 mA @ 24 VDC each

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