41CPE118

1 / 8 LOOP ADDRESSABLE FIRE PANEL LOGIFIRE



The LOGFIRE series 41CPE118 addressable fire panel is supplied as standard with 1 Loop and can be expanded to 4 using 3 x 41ECL120 boards, and up to a maximum of 8 Loops with the addition of metal cabinet (4 Loops, 1 as standard) Art. 41CPE104. Up to 250 addressed devices (detectors, buttons, I/O modules, sirens etc.), divided into a maximum of 200 zones in total, can be connected to each loop. The control panel features a dual microprocessor and 14A power supply unit with 12 V output for battery, and has 200 LEDs on the front panel for zone status repetition. Fire alarm, Pre-alarm, Fault, CPU Fault, Delayed Alarm, Exclusions, Test, Network Present general indications. Option of integration in monitoring systems with Modbus TCP/IP protocol and compatible with LOGIFIRE Redundancy Network through the use of art. 41ECB000. The control panel has a strong metal container (430x330x150 mm) with the same dimensions as all the Comelit LOGIFIRE series fire panels and boxes, so as to guarantee optimum modularity and pairing during installation. It 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 7” resistive touch screen colour display. Approved to EN 54-2, EN 54-4 and EN54-13.

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MAIN FEATURES	
Model	Addressable fire panel, 1-8 loops, LOGIFIRE series
Number of loops	1 as standard, can be expanded to 4 with 3 x 41ECL120, up to 8 with box 41CPE104 (1 as standard)
Loop expansion communication protocol	Comelit
Max. number of devices per loop (n°)	250
Number of detection zones available	500
Programmable logic functions	AND/OR
Max. number of logic inputs	250
Max. number of logic outputs	250
Connectivity	LAN, RS485
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°)	10240
Multi-language display menu	Yes
EVAC panel interfacing module	Yes, supplied
Maximum number of EVAC panels that can be connected (n°)	5
Optional additional power supply unit	Yes, Art. 41ALM172
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

The technical specifications are subject to change without prior notice.

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MAIN FEATURES	
Number of control panels that can be connected via ethernet	64 with integrated TCP/IP interface
Programming via PC	With programming software
Local programming	A menu on a color touchscreen display
Sensor addressing with auto-acquisition of loop devices	Yes
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	Resistive 7" touchscreen (159x88 mm)
Product weight without battery (g)	7000
Zone status indicator leds	200
Height (mm)	430
Redundant CPU	Yes
Port programming	Micro USB-B, LAN (RJ45)
Width (mm)	330
Ethernet connection	Yes
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

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HARDWARE SPECIFICATIONS

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
Backup power supply (batteries not supplied)	1 x 12 VDC - 18 Ah
Auxiliary devices power supply output	1 (24VDC/0.3A)
Max. current for Loop board	700mA
Programmable relay outputs with free contact (NO/NC)	4 (30 V a 10 A)
Monitored outputs for sirens	1 (24VDC @ 1A)
Monitored outputs	3 (Alarm transmission, Extinguishing, Fault) 100 mA @ 24 VDC each

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