One MiniSL
1 Loop Addressable Fire Alarm Control Panel

Description

OneMiniSL is a microprocessor fire detection panel that allows the detection of fires through wired or wireless devices and can be programmed and interrogated through a fully touch screen interface.

Main features

The Multiprotocol panel, is able to manage an open or closed loop of 120 compatible devices, both optical and thermal. In complex applications it can be installed in a ring network. In this distributed architecture, areas and zones controlled by detection devices can be combined by means of logical expressions in order to trigger events on the central unit of other panels of the ring network.

Certified UNI EN 54-2 and 54-4 for fire detection and signalling systems, this control unit offers three different levels of access for different types of operators (installer, safety manager and end user). The touch interface, simple and ergonomic, allows any type of user an intuitive interaction without time or training costs. All configuration steps are immediate and the self-programming and self-addressing mechanisms allow you to recognize, interrogate and program devices in the field quickly, systematically and without errors.

The control panel can be programmed both locally and remotely, using the dedicated OneCloud online platform, data can be exported and imported via any USB stick. Monitoring takes place thanks to the WINWATCH32 supervision system.

The diagnostics of sensors and devices is carried out directly by the control panel and only one operator is able to independently run all the test procedures and verify the operation of the system in all its components. Periodic maintenance can thus be planned and performed in an optimal way. Diagnostic data and historical data recorded by the control panel can be easily exported and analyzed in cvs/excel format.

The control panel can be customized for all installation conditions: the mechanic color, the display background, the color of the programmable LEDs, the logo displayed on the welcome screen and the language can be chosen as desired.

General technical data

Dimension	330 x 310 x 80 mm
Weight	3,3 kg (base unit without buffer battery)
External structure material	Iron with epoxy paint
Control panel colours	Black, White
Frontal LEDs	14
Display background colour	Black, blue, green
LED frame colour	Not present

Applications

Created to fit small and medium installations, it finds its main application in the following fields:

- industrial plants, offices, shops and buildings that host communities
- small and medium size structures,
- other supervision and control systems

Teledata

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TELEDATA®

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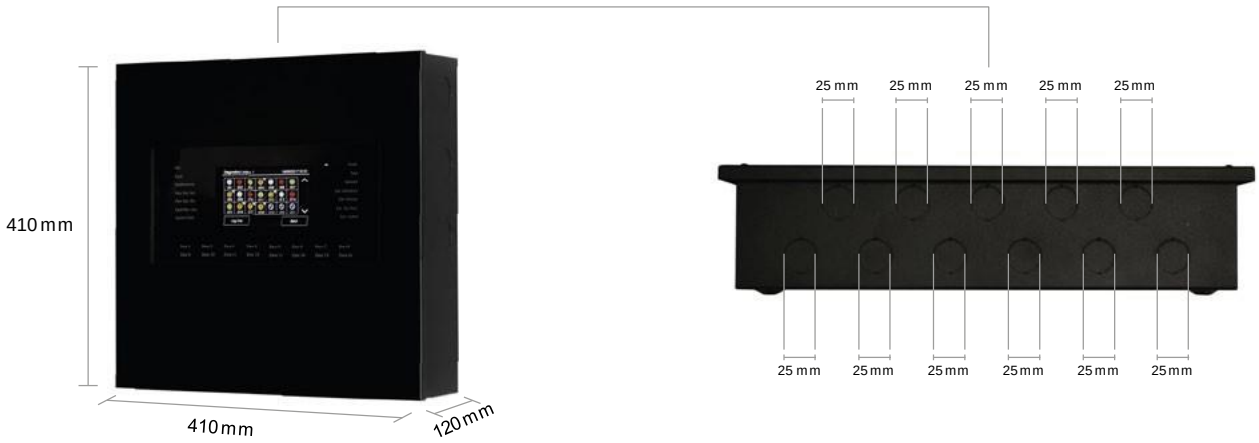

electrical data

Power supply	230 V ca – 50 Hz
Absorption from the network	Max. 200 mA
Buffer batteries	2 x 12 V cc 7,2 Ah
Auxiliary supply output	Max 24Vcc 1A
Current available for the loop	Max. 500 mA
Electrical protection	Circuit short protection
	Fuse f4 Ah
Battery protection	Efficiency control and disconnection in case of over-discharge
General fault report relay	Max. 1A - 30 V cc / 120 V ca

Hardware specifications

Microprocessor	32 bit
Master card	TD595
Memory	RAM: 2 MB Flash: 512 KB EEPROM: 4 MB
Display	Touchscreen 480 x 272 TFT 4.3”
Loop number	1loop
Analogue lines connection	Open or closed loop
Detction lines lenght	Up to 5000 m
Remote keyboards distance	Up to 800 m
Cable knockouts	29 x 22 mm
Alarm sounder	Silencing and/or excludable buzzer
Sounder output or tel. combiner	24 V dc 1A
Solid form output with clean contact	11A30V dc 120Vac
General output with open collector	Max. 100 mA
Peripheral device input/output	RS 485
Input/output for programming and remote managment	RS 232/micro USB
Protection level	IP 30
Environmental conditions (operating temperature)	From -5° to +40 °C From -40° a +70°C (storage temperature)

Software specifications

Supported devices	Teledata, Apollo (XP 95, Discovery, Core protocol)
Area partitioning	Up to 120
Programmable logical functions	Up to 120
Events archive	Up to 1000
Programming	Locally from the keyboard From remote, with dedicated software (OneCloud)
Access safety	Multilevel password
Supported languages	111 with special characters and symbols

Certifications

2004/108/EC	EMC directive
2006/95/EC	Low voltage directive
UNI EN 54-2	Control and signal central unit
UNI EN 54-4 (A2:2006)	Power supply device

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List of dedicated accessories

Loop expansion card	NONE
Card for central units ring connection	NONE
16 zone LED card	ONE 16
LAN or WAN network connection card	NONE
MODBUS protocol communication card	NONE
Remote keyboard card	NONE
Additional power supply unit	NONE

espansions

Loop	Max1, open or closed
Devices per loop	Up to 120 (analogue, digital)
Devices per control panel	Up to 120

Manufacturer data

Operational site: Via Brescia 24 G - 20063
Cernusco sul Naviglio (MI)

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