



COMPACT LYON

ADDRESSABLE ALGORITHMIC CONTROL PANEL

Compact Lyon addressable algorithmic control panel for fire detection and fire alarm, certified according to EN 54-2 and EN 54-4

The algorithmic addressable Control Panel Compact Lyon is EN 54-2 and EN 54-4 standard certified according to the latest CE Directives/Regulation.

The Compact Lyon panel does the same functions that Lyon Remote Control Panel, being fully compatible with it from the point of view of installation (cabling, analogue detectors, manual call points, modules and analogue sounders, etc.).

It is particularly interesting in medium-size installations, traditionally designed for conventional systems, allowing using an addressable system with all its functionality and advantage.

In case the installation should be extended, the Compact Lyon Control Panel has the control panels network function, whereby control panels can be connected together, also showing the information of the control panels connected to a repeater, besides allows an additional functionality of operation.

FEATURES

- Control panel configurable with 1 or 2 loops.
- Loop capability 99 points.
- All the points are supervised by the control panel, except the loop isolator KABY.
- Capacity up to 16 relays per loop, 32 totally.
- Can hold up to 99 zones per panel.
- Registry with capacity of 6601 events with date and time.
- Relay configuration with activation of 1, 2 or 3 alarm detectors.
- Relay activation auto-configuration function.
- Allows the configuration of visual and/or sound devices of the detector bases as loop powered relays.
- Delay of supervised sounder output programmable between 0 to 10 minutes, identified as S1.
- Alarm output as free voltage relay not supervised, identified as ALARM.
- Fault output, delayed and supervised, identified as FAULT.
- Allowed to connect addressable sounders in the loop.
- Evacuation push-button.
- Backlit LCD display with 4 lines and 40 characters.
- Incorporates multiple languages by default (Spanish, English, French, Portuguese, etc).
- Configurable with the I-Link software.
- Access to the control panel keyboard introducing a numeric code.
- Allows connection of up to 15 repeaters and/or 15 control panels in network.
- Cofem Remote (on specific request).
- CRI functionality on demand.
- Size: 368 x 336 x 96 mm (with cover).
- Certified according to EN 54-2 and EN 54-4 and EN 54-4 and CE mark according to the European Regulation of Construction Products (UE) N° 2024/3110.

TECHNICAL FEATURES

Input voltage	110/230 Vac 50/60Hz	Maximum current per loop	250mA/24 at 36V/DC
Output voltage	21V nominal	Communications port	USB 2.0/1.1 type B and RS485
Maximum consumption	70VA at 230 VAC	Environmental conditions	-10°C+50°C 20%-95%RH
Batteries charger	Yes	Dimensions	368x336x96mm (with cover)
Devices per loop	99	Weight (without batteries)	4,5kg
Batteries fuse	4A	Standard	EN 54 parts 2 and 4
IP protection	IP30	S1 sounder fuse	1,85A autoreset
		30V sounder output	0,75A autoreset



General wiring diagram Lyon Remote, Zafir y C-Lyon