



LYON REMOTE

ADDRESSABLE ALGORITHMIC CONTROL PANEL

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

The Lyon algorithmic addressable Control Panel is EN 54-2 and EN 54-4 standard certified according to the latest CE Directives/Regulation and can successfully overcome difficult environmental conditions, electrical interferences, electromagnetic radiate upsets, vibrations, etc.

The algorithmic addressable Detection System is able to identify the device which produces the alarm or fault (sensor or call point), and allows the total configuration of the detection parameters (alarm

levels, sensibility...) as well as the adaptation to the environmental conditions and the degree of dust in the sensor.

In the Cofem algorithmic addressable System, the loop elements (sensors, manual call points, relay modules, masters, analogue sounders and technical signal modules) have the property of being auto-identifiable, that is to say, all of them can be installed with no need for prior manual encoding, facilitating enormously the assembly and subsequent modifications to the installation.

FEATURES

- Control panel configurable and expandable up to 8 loops (226 points per loop).
- Expandable up to 20 loops with an additional cabinet.
- All the points are supervised by the control panel, except the loop isolator KABY.
- Capacity for 64 relays per loop and 199 in total.
- Can hold up to 99 zones per panel.
- Registry with capacity of 3308 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 prog. between 0 to 10 minutes, identified as S1.Total load Max: 2A/28,8Vdc.
- Alarm output as free voltage relay not supervised, identified as S2.
- Failure output delayable, identified as S3.
- 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.
- MODBUS (on specific request).
- CRI functionality on demand.
- Cofem Remote.
- Size: 424 x 330 x 160 mm (with cover).
- Certified according to EN 54-2 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	500mA/25 at 32V/DC
Output voltage	21V nominal	Communications port	USB 2.0/1.1 type B
Max. consumption	155VA at 230 VAC		RS232/RS485
Power fuse	8A	Environmental conditions	-10°C+50°C 20%-95%RH
Battery charger	Yes	Dimensions	424x330x160mm (with cover)
Devices per loop	226	Weight (without batteries)	7,4kg
Power supply	5A	Standard	EN 54 parts 2 and 4
Fuse S3	1A	Fuse S1	2A
IP protection	IP30	Output fuse 30V	2A



General wiring diagram Lyon Remote, Zafir y C-Lyon