



CLVR

CONVENTIONAL CONTROL PANEL

Conventional Fire detection and Fire alarm control panel, EN 54-2 and EN 54-4 certified

Automatic conventional fire detection and fire alarm control panel.

This control panel provides different versions to fit more accurately to the needs of each facility:

- CLVR 08Z: CLVR Control panel up to 8 zones.
- CLVR 12Z: CLVR Control panel up to 12 zones.

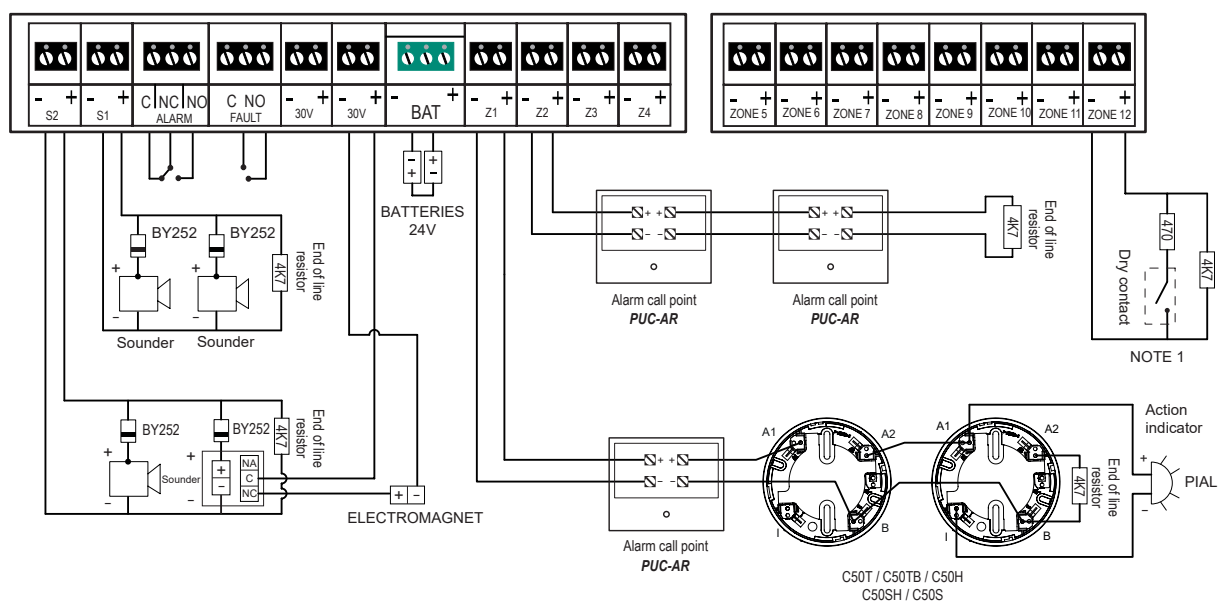
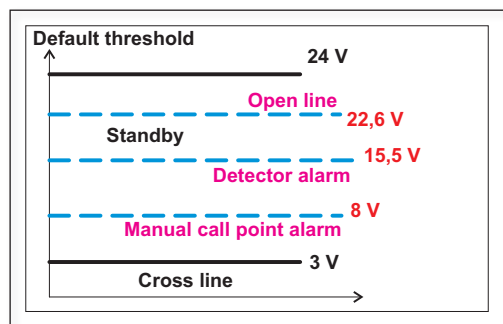
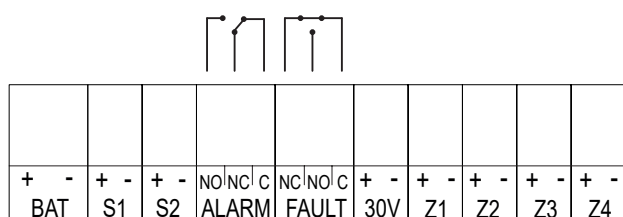
CLVR control panels features are common in all its models.

FEATURES

- Control panels up to 12 zones for conventional detectors and call points use.
- 2 supervised sounder outputs, delayed from 0 to 10 minutes, and protected by a fuse.
- 1 alarm output through a dry contact NO/NC (normally open / normally closed).
- 1 fault output through a dry contact NO/NC (normally open / normally closed).
- 2 auxiliary outputs 30V/DC supervised and protected by a fuse to feed external (magnetic fire doors, sounders, etc).
- Available testing mode to facilitate the quick and easy verification of the sensors and call points.
- It allows to configure the open line, alarm detector and alarm call point threshold, to adjust to the operation with other detectors.
- It allows to configure the last detection zone as a supervision input of a external protection fire system with a fault indication.
- Metallic chest with frontal bolted door, 4 pre drilled of 28 mm and one rectangular else of 140 x 20 mm for electric wiring and space for 2 batteries of 7Ah.
- RS485 MODBUS protocol on-demand.
- Possibility of software ON-LINE on PC using MODBUS functionality.
- CONTACTID on-demand.
- Certified according to EN 54-2 & EN 54-4 standards and CE mark .

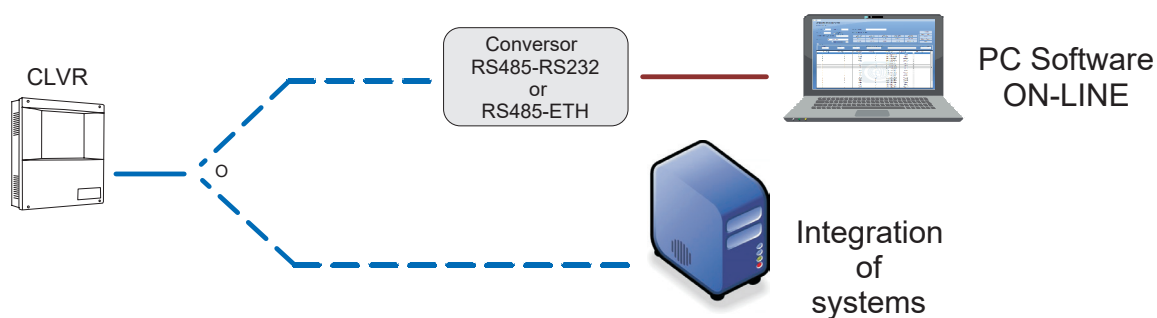
TECHNICAL FEATURES

Input voltage	110/230 Vac 50/60Hz	End of line resistor	4K7
Output voltage	21V nominal	Sounder output voltage	30V/DC
Maximum consumption	155VA at 230 VAC	Fault output	Yes, dry contact
Batteries	2x12V 7Ah SLA	Environmental conditions	-10°C +50°C; IP30
Maximum voltage 30V output	0,75A/1,5A autoreset	Dimensions	368x336x96mm (with cover)
Battery charger	500mA 27V/DC 20°C	Weight (without batteries)	4,3Kg
Devices per zone	32	Standard	EN 54-2, EN 54-4 and EN 12094-1
Control panel power supply	2,2A	Sounder output fuse S1	1A/1,85A autoreset
Maximum current per zone	2mA (standby)	Sounder output fuse S2	1A/0,75A autoreset



NOTE 1: Last zone configured for external system monitoring.

Example of general wiring diagram



Example of connection for MODBUS functionality