

## Control panel with 1 loops AE/SA-C1



### Description

Algorithmic, micro-processed central units manufactured by AGUILERA ELECTRONICA and certified according to the European standards UNE EN 54-2 and UNE-EN 54-4, with extensive operational capability that allows you to individually control all computers that make up the installations for fire detection.

Central intelligence unit for fire control with a capacity for 1 loop of 125 groups each, to which the detectors, switches, modules for manoeuvres, for control and other elements that make up the installation, all connect.

Detection loops with independent microprocessor for the control of 125 groups each one of them, to which are connected the detectors, push buttons, switches, modules for manoeuvres, controls and any other element that makes up the installation. Depending on the model of equipment, it can mean the control of more than 1000 independent points (one module of 8 inputs can monitor individually 8 identifiable signals).

Allows the connection of CLASS A loops: closed loop with independent isolators of input and output, and CLASS B loops: open-loop output isolator.

Available in models for 1, 2 and up to 8 detection loops.

- Switched power supply, expected to cover the needs of both, of the central unit and of the installation.
- Emergency battery charger.
- CPU module, where the installation is customized, the output manoeuvres are scheduled and the information is managed. Its main features are:
- Non-volatile memory of events, with capacity for 4000 events.
  - Real time clock.
  - Complete control of operation of all equipment that makes up the installation in a manual or programmed form: resets, repositions, levels, connection / disconnection of points, evacuation activations /deactivations, closing of lock-gates and firewalls.
  - Delays can be schedules according to the UNE EN54-2 norm.
  - DAY / NIGHT modes automatically configured by using programmable timing.
  - Output of warning to fire-fighters with programmable activation times: Time for recognition and investigation time, according to the NEN2535 norm.
  - Tests and test modes are built for each zone.
  - It permits multiple working languages.
  - Comprehensive management of historic lists between two dates and the status of the zones.
  - Graphical display of 240x64 points.
  - Control keyboard.
  - Illuminated signs and a local buzzer, for the presentation

of the general service states, alarm, fault, disconnection, test, power supply, evacuation manoeuvres' status and others.

- Evacuation embedded outputs (monitored outputs), alarm (fire-fighters), pre-alarms and faults.
- 2 communication ports series RS232 or RS485 Interface, user selectable.
- 1 serial communication port RS485 Interface, with ARCNET protocol, optional to work with the Aguilera AE2NET network.
- Incorporated series printer port.
- Optional TCP network port, through an AE/ SA-TCP card, for remote control of the central unit, via Ethernet networks.

- Switched power supply of 27.2 V CC at 2 A.
- Emergency battery charger
- Capacity for receiving two 12V /7Ah batteries.
- Dimensions: Height: 274 - Width: 322 - Depth: 123 mm