

CONTROL PANEL WITH 8 LOOPS

AE/SA-C8

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.

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.

It's an intelligent fire control central with bus for connecting 1 to 4 AE 1-4 / SA-CTL cards. Each card controls two bidirectional algorithmic loops with a capacity of 125 devices each, to which the detectors, switches, maneuvers modules, control and other elements that make up the installation are connected.

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


- 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.

SPECIFICATIONS		SPECIFICATIONS	
Operational range:		Dimensions:	
Temperature	0° to 49°C	Width: 390 mm.	
Relative Humidity	85% with no condensation.	Height: 500 mm.	
Power supply:		Depth: 145 mm.	
Mains power supply voltage	230 Vac at 50Hz	Weight:	
Maximum input power:	150W	Without batteries	9,5 Kg
Power supply voltage:	28Vdc	With two 12V/17Ah batteries	22 Kg
Maximum input current	4.5 A	Material:	Rolled plate AP 011
Protection	Fuse, 5A	Colour:	RAL9002
Recommended cable:	H05 VV-F, 3 x 1.5mm ²	CERTIFICATE	
Batteries:		0099/CPD/A74/0159	
Battery type:	Sealed lead-acid rechargeable.		
Cabinet battery capacity:	Two batteries, 12V/17Ah		
Battery charger voltage:	27.6 Vdc		
Maximum battery charger current:	1A		
Protection	Fuse, 6A (for battery operation)		
Auxiliary power supply output:			
Voltage	27.2 Vdc		
Maximum auxiliary output current:	2A		
Protection	Fuse, 2A		