

EXTINGUISHING CONTROL PANEL

AE/SA-PX2

Description

The PX2 SERIES of extinguishing control panels are microprocessor-controlled alarm stations, designed according to the European EN 12094-1:2003 standard, comprising:

- Two monitored areas with dual conventional detection and three different operating modes:
 - Crossed detection:
 - Dual detection in one of the loops.
 - Mixed detection through crossed detection or dual detection in either of the two loops.
- Monitored circuit with pushbutton for remote release.
- Release pushbutton on the panel front, with protective cover and indicator lamp.
- Monitored circuit with pushbutton for remote hold.
- Hold pushbutton on the panel front, with protective cover and indicator lamp.
- Monitored circuit for flow detector.
- Monitored circuit for weight control or pressure switch.
- Monitored evacuation area.
- Monitored extinguishing area with programmable delay time.
- Control of programmable deluge time.
- Output for extinguishing released board, monitored.
- Control of reset hold time after release has taken place.
- Power supply unit and battery charger, with mains voltage control, batteries, feed, battery charging and auxiliary output.
- Outputs for repeater relays.
- Possibility of connection in 2- and 3-wire algorithmic systems of Aguilera Electrónica by means of interface module mounted on the same mother board.
- Selection of automatic, manual and disabled operating mode, and access level by means of safety key.
- Internal and external indicator lamps, as well as an alphanumeric display for presentation of release time and menu functions.
- Easy and intuitive handling and programming by means of three external and two internal keys.
- Programmed values stored in EEPROM memory.



CARACTERÍSTICAS TÉCNICAS:

Size:

Width: 320 mm
 Height: 273 mm
 Depth: 123 mm
 Colour: RAL9002

Material: AP 011 rolled sheet

Weight: 9 kg with batteries

Connection:

Cable inputs: Tubed inputs of 26 mm diam.
 removable window of 150 x 35 mm in the rear part

Cable section: 2.5 mm² maximum

Power supply:

Power supply voltage: 230 V / 50 Hz

Recommended cable: H05 VV-F 3 X 1.5mm²

Switched supply adjustment voltage: 28.0 Vdc

Working voltage: 27.2 Vdc

Power supply voltage failure: < 21.5 Vdc
 > 29.5 Vdc

Automatic disconnection: < 17.0 Vdc

Maximum supply current: 2 A.

Batteries:

Type of batteries: 2 rechargeable sealed lead-acid 12V / 7Ah batteries connected in series.

Duration: Replace the batteries every 4 years.

Charge current: 0.05 C corresponding to 350 mA max.

Charge voltage: 2.275 V per cell, 27.3 V in total

Discharged battery alert voltage: < 21.0 Vdc

Deep discharge battery voltage: < 16.0 Vdc

Battery state test every 10 s

Protección: IP30

CERTIFICACION

0099/CPD/A70/0033

