

ALGORITHMIC PUSH BUTTON WITH INSULATOR

AE/SA-PTA

Description

Identifiable manual call point developed and manufactured according to the UNE EN 54-11: 2001 standard, for connection to an Algorithmic Central.

This equipment is indicated for installation inside the premises, so that users can warn of a fire early. In this way, it allows to act when the effect of the fire is in its initial phase.

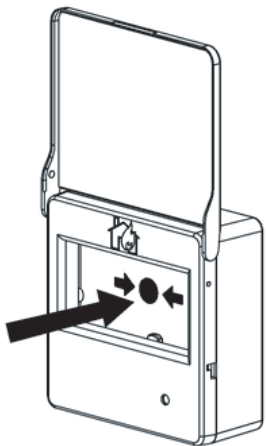
It incorporates a transparent protection cap to avoid accidental activations.

The push-button design allows it to be activated without breaking the pressure plate, being able to reset it again by inserting the reset key from one side.

Housed in a red ABS box with measurements and silkscreen according to the UNE EN 54-11 standard



Functioning



To stop pressing the button, it is necessary to lift the transparent protection cover, and press on the white sheet until it locks, a yellow indicator will appear at the bottom. The manual call point will go into alarm status by activating the red LED continuously.

It includes:

- * Operation indicator: It indicates its correct operation by flashing red on the alarm LED.
- * Transparent protection cap.
- * Sheet calibrated so that it interlocks and does not break, silk-screened according to the UNE EN 54-11: 2001 standard.
- * Input and output connection terminals.
- * Levels of alarm, sleep and communication failure with the algorithmic loop.
- * Individual identification: Each pushbutton is individually identified with a number within the installation loop. This number is stored in EEPROM memory so it is maintained even if the button is without power for a long time.

Precautions for Installation.

- For its installation, follow the recommendations given in the installation standard EN 54-11.
- Make sure that the button is as clearly visible, identifiable and accessible as possible.
- If the pushbutton is recessed, the right side must be free to insert the reset key.
- Make sure it is firmly attached to the wall.

Cabling



Disconnect the supply voltage from the detection loop before installing the push button.

- Connect the positive input of the detection loop to a terminal L.
- Connect the negative input of the detection loop to a terminal C.
- Connect the positive output of the detection loop to the free L terminal.
- Connect the negative output of the detection loop to the free terminal C.

Once the cables are connected, reassemble the front of the pushbutton by inserting it into the box, first the upper part tilting it and matching the tabs, and then pressing slightly on the lower part.

TECHNICAL CHARACTERISTICS:

Supply voltage:	18 ~ 27 V (AE / SA-CTL card algorithmic loop).
Consumption in standby:	0.9 mA
Consumption in alarm:	3.8 mA
Wiring:	2 wires. Recommended section AWG 22 ~ 14 (IEC1.5mm ²)
Temperature range:	-10° - + 50° C (room temperature)
Humidity range:	Relative humidity 10% - 90% non-condensing.
Shell Material:	ABS
Degree of protection:	IP42 (indoor installation).
TYPE:	A .

Indicator light:	Operation indicator: red flash
Alarm:	solid red
Dimensions:	98 x 95 x 39 mm.

CERTIFICATION

0099/CPD/A74/0073

