

ELECTRIC ACCESSORIES

For pneumatic systems

The automatic smoke detection system consists in the electronic control panel and the accessories.
The built-in floating batteries guarantee the system operation also in case of main supply failure.



SINGLE ZONE ELECTRONIC CONTROL PANEL

PART No. 36414K

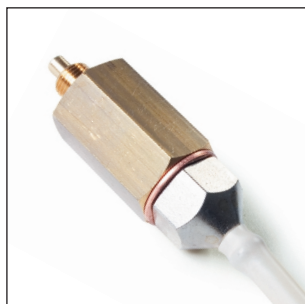
The small size electronic control panel is provided with lock and floating battery and allows to connect:

- smoke and/or temperature detectors
- emergency push-buttons
- sirens and magnets

In case of alarm, the control panel sends a 24 Vdc signal to maximum nr. 10 pyrotechnic devices, which are installed in the thermal valves and/or in the thermal valves with selectors.

VOLTAGE SUPPLY	230 Vac
OUTPUT	24 Vdc/1,5 A
SIREN OUTPUT	24 Vdc/0,5 mA
AUTONOMY	2 hours with standard floating battery
DETECTORS	smoke/temperature nr. 10 x 2 lines max 20 sensors

⚠ The instructions for a safe installation are included in the section "SECURITY WARNINGS"



PYROTECHNIC DEVICE

PART No. 36754E

It is a small piston containing a primer. It can be applied to the thermal valve or to the thermal valve with selector. The detonation occurs when it is fed at 12 V or 24 V; its effect pushes a piston against the fusible link, breaking it.



Pyrotechnic Device together with thermal valve and cartridge



EMERGENCY PUSH BUTTON

PART No. 37170K

To operate the emergency push-button it is necessary to break the non-shattering glass.

It is provided with a test device. The box is red.

IP 40 protection class, manufactured according to the BS5839 regulations part II (CEN-En 54 part IV).



OPTICAL SMOKE DETECTOR PART No. 36418Q

Smoke detection by infrared light diffusion for Tyndall effect.

It is certified according to the UNI EN 54-7/9.

ALARM SIGNAL through the red LED (light emitting diode).

RESPONSE TIME 3 sec. approx.

VOLTAGE SUPPLY 24 V (min. 10 V, max. 30 V)

TEMPERATURE RANGE -10° + 80° C

DEGREE OF HUMIDITY < 95%

MAX AIR SPEED 10 m/s

DETECTED SURFACE 40 m²

A frequent cleaning, especially in dusty environment, is recommended.