

## Features

- APPLUS approved in compliance with EN54-3 EN54-17 standards (SOUND100,SOUND101)
- APPLUS approved in compliance with EN54-3 EN54-17 and EN54-23 standards (SOUND110)
- ONEPROTOCOLL communication protocol
- Isolator integrated in each device
- Manual addressing via the ONEPROGRAMMER programmer
- Auto addressing for devices on loops even with "T" connections
- Auto mapping function
- Reading of the voltage value at the terminals of the addressed devices
- SOUND100 Certificate n°**0370-CPR-3643**
- SOUND101 Certificate n°**0370-CPR-3644**
- SOUND110 Certificate n°**0370-CPR-3645**

## Description

The new family of addressed sirens of the **SOUND** line extends the range of devices addressed on loops with ONEPROTOCOLL protocol.

Simple to install, thanks to the extractable terminal board and the deep base, easy to program using dip switches and jumpers, they comply with EN54-3 and EN54-17 and in the case of SOUND 110 also with EN54-23.

Each siren can be addressed manually, by ONEPROGRAMMER programmer or by fire detection control unit with ONEPROTOCOLL protocol or with auto addressing by fire detection control unit with ONEPROTOCOLL protocol.

All sirens are equipped with a short-circuit isolator conforming to the EN54-17 standard.

## Guaranteed communication

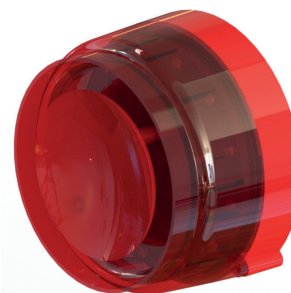
The sirens of the **SOUND** series are equipped with an integrated short-circuit isolator conforming to the EN54-17 standard.

This means that in the event of a failure on a loop or on a single device, communication with the devices themselves is not interrupted.

Thus greater system reliability is guaranteed.



**SOUND100**



**SOUND101**



**SOUND110**

## Simplified installation

The installation of the sirens is very simple, the programming of the addresses takes place via the ONEPROGRAMMER programmer or through auto addressing, no DIP switches or rotary switches are used.

Auto addressing for devices on loops also operates with "T" connections.

The connections are facilitated by the presence of an extractable terminal board capable of accommodating cables with a maximum section of 2.5mm, and in addition the base is deep, thus offering more space to facilitate loop wiring.

The degree of protection IP65 is achieved by equipping the base with PG7 cable glands.

## Construction

The range of addressed sirens in the SOUND line has been designed to be simply installed and programmed.

The plastics are made of glossy red ABS, it is possible to mechanically block the sirens on the base.

## Technical specifications

| Device                | SOUND100   | SOUND101                         | SOUND110                                 |
|-----------------------|--|----------------------------------|--|
| Type                  | Addressed siren                                    | Addressed siren + flashing light | Addressed siren + flashing light EN54-23 |
| Compliance            | EN54-3,EN54-17                                     | EN54-3,EN54-17                   | EN54-3,EN54-17, EN54-23                  |
| Supply voltage        | 27V  | 27V                              | 27V                                      |
| Stand by consumption  | 120uA@27V  | 120uA@27V                        | 120uA@27V                                |
| Alarm consumption     | 7mA@27V-line                                       | 25mA@27V-line                    | 28mA@27V-line                            |
| Absorbed power        | 0,2W   | 0,6W                             | 1,45W                                    |
| Coverage              |  |                                  | W-2,4-5                                  |
| Size                  | D:100mm H:92mm                                     | D:100mm H:92mm                   | D:100mm H:107mm                          |
| Siren voltage ON      | 24Vdc  |                                  |  |
| Sound output          | 80-100dB   |                                  |  |
| Certification body    | APPLUS   |                                  |  |
| Protocol              | ONEPROTOCOLL                                       |                                  |  |
| Operation temperature | -10°C/+55°C  |                                  |  |
| Humidity              | 85% RH (without condensation)                      |                                  |  |
| Maximum cable section | 2,5mm  |                                  |  |
| Degree of protection  | IP65 (with PG7 cable glands installed in the base) |                                  |  |

## Approvals and compliance

The entire SOUND sirens range is APPLUS certified according to the EN54 standard parts 3,17 (SOUND100,SOUND101) and parts 3,17,23 (SOUND110).

## Codes

| Code            | Description   |
|-----------------|---|
| <b>SOUND100</b> | addressed siren EN54-3, EN54-17                             |
| <b>SOUND101</b> | addressed siren with flashing light EN54-3 EN54-17          |
| <b>SOUND110</b> | addressed siren with flashing light EN54-3 EN54-17, EN54-23 |