SOUND100 Addressed Siren EN54-3, EN54-17
SOUND101 Addressed Siren with Flashing Light EN54-3 EN54-17
SOUND110 Addressed Siren with Flashing Light EN54-3 EN54-17 , EN54-23

Features

- DEDAL approved in compliance with EN54-3 EN54-17 standards (SOUND100,SOUND101)
- DEDAL 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°**1922-CPR-1141**
- SOUND101   Certificate n°**1922-CPR-1142**
- SOUND110   Certificate n°**1922-CPR-1143**

SOUND100

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.

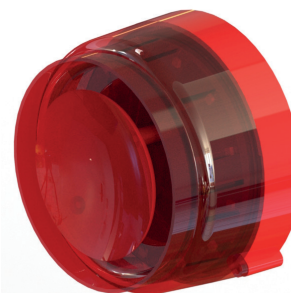**SOUND101**

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.

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.

Approvals and compliance

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

Codes

Code	Description
SOUND100	addressed siren EN54-3, EN54-17
SOUND101	addressed siren with flashing light EN54-3 EN54-17
SOUND110	addressed siren with flashing light EN54-3 EN54-17, EN54-23

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	DEDAL		
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)		