

Sounder

CWS/SOUR, CWS/SOUW



- **Optional modules for integration in**
 - loop with **Labor Strauss protocol**
 - **RF fire detection system FI7x0/RF**
- **32 different tone types selectable, alternative tone for multi-stage alarming**
- **Adjustable sound level up to 100dB**
- **Low power consumption**
- **Protection class IP65**



Description

The wall sounder has 32 different tones, of which the following four tones have been tested according to EN 54-3:

- Alternating tone 800Hz/1000Hz,
- Continuous tone 970Hz,
- Slow Whoop tone NEN 2575,
- DIN 33404 tone.

The tone is selected via DIL switches. If the sounder is actuated via 2 control panel outputs, it can also be operated with an alternative tone. In this way, multi-stage alarming with 2 different tones can be implemented. The sound level is adjusted in 4 steps, by means of DIL switches.

If multiple signalling devices are used, the tones of all sounders on a line are synchronised in order to generate a uniform warning tone.

The sounder is available with a red or white plastic housing, and thanks to its robust, dust and water protected design with protection class IP65, it is suitable for use under harsh environmental conditions.

By installing the optional loop control module **FI750/M/SST**, the sounder can be actuated and powered via the loop with Labor Strauss protocol. The module is to be installed in the bottom part of the sounder housing and is to be connected to the sounder through plug contacts. Depending on the parameter setup and the system conditions, the loop sounder that is created in this way can be activated by the fire detection control panel with two tones, according to the set tone type combination.

A dual-isolator that is integrated into the module disconnects the loop in case of a short circuit. In this way, the undisturbed communication with the loop elements outside the faulty loop section is ensured.

The address of the module is set by means of the hand-held Programming Unit FI750/PU within the range 1 to 240. Alternatively, the module can be addressed automatically if it is connected to a compatible fire detection control panel.

By installing the optional wireless control module **FI720/RF/M/SST**, the sounder can be actuated in a wireless fire detection system FI720/RF or FI700/RF. The RF module communicates with a fire detection control panel in loop technology (Labor Strauss protocol) via the Loop RF Interface FI7x0/RF/W2W. Alternatively, the Conventional RF Expander FI7x0/RF/CWE serves as gateway in a conventional fire detection system. The tone and the sound level are set on the signalling device by means of a DIL switch.

In the housing of the module, two batteries are accommodated which reliably power the module and the siren over a long time. The two-coloured LED indicator displays the system conditions of the module.

During the learning phase, the address is set in the range 2 to 240 by means of the configuration software WireEx.



2831-CPR-F1426
2831-CPR-F1428
0051-CPR-0617



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Specifications

Operating voltage	15 – 40VDC
Current consumption at 24V	max. 5mA (high sound level)
Sound level	100dB(A) / 1m distance (high sound level)
Ambient temperature	-10°C to +55°C
Protection class	IP65
Dimensions Ø x D	130 x 90 (mm)
Weight	270g
Approvals (only sounder)	LPCB 928w/07 2831-CPR-F1426
Approvals (sounder with control module FI750/M/SST)	LPCB 928ah/01 2831-CPR-F1428
Approvals (sounder with RF control module FI720/RF/M/SST)	LPCB pending 0051-CPR-0617

Sounder in red housing

Order number	355208
Order name	Sounder/WM65/DC/red/100 CWS/SOUR

Sounder in white housing

Order number	355210
Order name	Sounder/WM65/DC/white/100 CWS/SOUW

Loop control module

Operating voltage	supplied through loop voltage
Current consumption from loop	typ. 30µA (signalling device off) max. 8mA (signalling device on, high sound level)
Dimensions L x W x H	82 x 53 x 25 (mm)
Weight	26g
Order number	249307
Order name	Module FI750-Sounder-Strobe FI750/M/SST

RF control module

Operating voltage	2 lithium batteries 3V, type CR123
Battery life	typ. 3 years
Range of radio transmission (free air)	max. 200m max. 3km with expanders
Frequency band	868MHz
Dimensions L x W x H	82 x 76 x 35 (mm)
Weight	55g (without batteries)
Order number	249310
Order name	Module/RF/720-Sounder-Strobe FI720/RF/M/SST