

# Wall Sounders

## Series CWSO



- **32 different tone types selectable**
- **Alternative tone for multi-stage alarming**
- **High sound level, more than 100dB**
- **Wide operating voltage range**
- **Low power consumption**
- **Versions with protection class IP21 or IP65, available in red or white**



### Description

The wall sounder Series CWSO has 32 different tones, all of which have been tested according to EN 54-3. They include, for example,

- Continuous tone 800Hz,
- Slow Whoop tone according to NEN 2575,
- DIN 33404 tone.

The tone is selected via DIL switches. If the sounder is actuated via 2 control panel outputs, it can 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 2 steps, by means of a DIL switch. If multiple sounders are used, the tones of all signalling devices on a line are synchronised in order to generate a uniform warning tone.

The current consumption of the sounder depends on the tone and the operating voltage.

The wall sounder Series CWSO is available in the following versions:

- CWSO-RR-S1 – red, standard base IP21
- CWSO-RR-W1 – red, deep base IP65
- CWSO-WW-S1 – white, standard base IP21
- CWSO-WW-W1 – white, deep base IP65

The base is included with the sounders. The cables can be entered from the side or from the back. On the two flattened sides of the deep base version, 3 openings can be broken out for PG screw connections. There is a screw for the optional theft protection.

Thanks to the robust design, the sounders are suitable for use under harsh environmental conditions.

### Specifications

Operating voltage tested according to EN 54-3	9 – 29VDC 9 – 14VDC or 18 – 29VDC
Current consumption at 24V	typ. 25mA (DIN tone)
Sound level	typ. 102dB(A) / 1m distance (DIN tone)
Ambient temperature	-25°C to +70°C
Approvals	VdS G215015 LPCB 166h/05 (red housing) LPCB 166h/06 (white housing) 0832-CPR-F0254



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*Building Safety. Building Security.*

#### Multitone sander red, with base IP21

Protection class	IP21
Dimensions Ø × D	100 × 77 (mm)
Colour	flame red, RAL 3000
Weight	190g
Order number	355280
Order name	Sander/12-24V/Red/Multitone/107dB CWSO-RR-S1

#### Multitone sander red, with base IP65

Protection class	IP65
Dimensions Ø × D	100 × 102 (mm)
Colour	flame red, RAL 3000
Weight	200g
Order number	355281
Order name	Sander/12-24V/Red/Multitone/107dB CWSO-RR-W1

#### Multitone sander white, with base IP21

Protection class	IP21
Dimensions Ø × D	100 × 77 (mm)
Colour	signal white, RAL 9003
Weight	190g
Order number	355282
Order name	Sander/12-24V/White/Multitone/107dB CWSO-WW-S1

#### Multitone sander white, with base IP65

Protection class	IP65
Dimensions Ø × D	100 × 102 (mm)
Colour	signal white, RAL 9003
Weight	200g
Order number	355283
Order name	Sander/12-24V/White/Multitone/107dB CWSO-WW-W1

