

Combination signaling device EN 54-3 cat. 0, red flash



Part-No.: CWSS-RR-S3

Approval: VdS

Combined acoustic alarm signaling device is EN 54-3 compliant with additional optical display, in red housing, and offers a selection of 32 signal tones including the DIN tone and other country-specific tones. All tones comply with EN 54-3. Tone configuration takes place via a 6-pin DIP switch. Up to two different signal tones may be activated. Signaling device with flat base, suitable for wall and ceiling mounting. The integrated optical display with red signal flash is only authorized under EN 54-23 in open category O for 24–29 V DC operating voltage. Below 24 V DC, the device is classified as an acoustic signaling device with additional display. To help define your conventional Visual Alarm Devices (VADs) requirements in line with the EN54-23 standard, we have developed an easy to use online guide. Simply enter the room dimensions and ambient light conditions and the guide will help your device selection:

https://www.kac.co.uk/device_estimator/

Features:

- EN 54-3 compliant
- Cat. O under EN 54-23
- Synchronous sound and flash trigger
- Volume adjustable to 2 levels at the device
- Suitable for wall and ceiling mounting

Common technical data

Operating voltage	12 ... 29 V DC
Current consumption @ 12 V DC	approx. 15,5 mA (@ DIN tone)
Current consumption @ 24 V DC	approx. 35.4 mA (@ DIN tone)
Sound level @ 12 V DC	96,5 dB(A) (@ DIN tone)
Sound level @ 24 V DC	102,5 dB(A) (@ DIN tone)
Frequency of flash	0,5 Hz
Flash color	red
Luminous intensity	max. 56 cd effective
Connection terminal	0.5 ... 2.5 mm ²
Ambient temperature	-25 °C ... 70 °C
Air humidity	< 96 %
Type of protection	IP 21C, IP 65 with CWR and accessories
Material	PC/ABS, UL94-V0
Color	red, similar RAL 3020
Weight	approx. 236 g
Specification	EN 54-3 acoustic signaling device
Dimensions	Ø: 100 mm H: 98 mm



Not suitable for use outdoors or in damp areas. Please use therefore the optional bases and accessories (Part No. CWR, PS188, PS189). Use of the deep IP socket reduces the dB output by an average of 4 dB. When using the EOL-O 808624 termination element for standard-compliant monitoring of the alarm devices, the optional deep base CWR or CWW offers a larger connection space. Replacement for Part No. 766240.

Accessories:

CWR	Base deep IP 65, red
PS188	Base deep, O-Ring
PS189	Base deep, seal