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Fire Security Products

Analog System



SFE-565-AI

Analog Siren with Flash

Description

The SFE-565 series analogue flash sirens are optical-acoustic fire alarm devices in accordance with EN 54-3 and EN 54-23, for indoor use, class W-2.4-6 for wall mounting. They are integrated into the analogue system by occupying a single loop address (addressable from 1 to 250 by means of the PGE-100 programmer) and incorporate a short-circuit isolator in accordance with EN 54-17.

They can play 32 different tones, selectable from the Central programming. The SFE-565-AI-BAT version incorporates a 2.4 V / 1200 mAh Ni-MH rechargeable battery for flash operation, so that it does not consume current from the analog loop in activation, with an optimized charging process according to the capacity of the loop and an estimated battery life of 10 years. The SFE-565-AI version (without battery) powers the flash directly from the loop current.

Technical characteristics

ELECTRICAL	Operating voltage	31 – 40 Vdc
	Idle consumption	<300µA
	Loop consumption in alarm	<25mA
	Type	For indoor use
ACUSCULES	Sound accuracy level	87dB(A) at 1 m
	Sound pattern	Frequency 800/1000Hz, 2Hz
	Available shades	32 selectable from the central
OPTICS	Category (VAD)	W-2, 4-6
	Light Pattern	0,5Hz, pulso ≤0,2 s
	Light Color	White
WORKING ENVIRONMENT	Temperature Range	-10ºC to + 55ºC
	Relative humidity:	≤90% non-condensing
	Degree of protection:	IP21C
PHYSICAL CHARACTERISTICS	Dimensions	Ø109 x90mm
	Material	ABS 5VB/PC
	Weight	Max. 270 gr
	Color	Red
CERTIFICATIONS	EN 54-3:2014 · EN 54-23 · EN 54-17:2005	

Installation and Addressing

Vertical wall mounting at a maximum height of 2.4 m, positioning the base so that, when the siren body is inserted, the lens is in the orientation indicated by the manufacturer. The installation must ensure that the optical and acoustic signal covers the entire area to be protected (reference coverage: 6 × 6 × 2.4 m).

Each siren occupies 1 loop direction and can be numbered from position 1 to 250 using the PGE-100 programmer.

Maintenance: visual inspection of the condition of the equipment and test of operation. Keep the device clean of dust and dirt, especially the lens on the optical part. Verify that the tone set in the Control Panel is an EN 54-3 certified tone. Do not disassemble the inside of the siren.

Links & Downloads

CPR

DC Declaration

Manual

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