IQ8Alarm Plus/FSo Flaşörlü Yangın Alarm Sireni

Part-No.: 807224RR
Approval: VdS

Addressable, completely bus supplied and short circuit / open circuit resilient combined fire alarm sounder and Visual Alarm Device (VAD) in compliance with EN 54-3 & EN 54-23 with integrated signaling tones and red light flash for acoustic and optical alarm signaling.
With up to 20 different programmable signaling tones including DIN tone in accordance with DIN 33404 Part 3.
The volume can be set to 8 different levels.
The optical signaling device is suitable for square signal ranges W-2.4-5 to W-3.6-8.
The optical signal range is adjustable in 6 sizes via tools 8000.
Signaling device with flat base, suitable for wall mounting.
Optionally, IP base Part No. 806202 with side cable entry and weatherproof protection can be installed.

Features:

- Completely bus supplied alarm device
- Powered loop compatible
- Low power consumption
- Up to 21 alarm devices for each powered loop
- Each alarm device has built-in isolator
- Synchronous trigger
- EN 54-23 compliant
- W category
- Signal range up to 8.0 m room width for wall mounting
- Room size configurable via tools 8000
- EN 54-3 compliant
- High acoustic pressure
- Volume programmable in 8 steps via tools 8000
- 20 different signaling tones, including DIN tone

Optic

Load factor optic	3 *1 ... 7,9
Frequency of flash	0,5 Hz *1 /1 Hz
Flash color	red
Luminous intensity	approx. 6,6 cd eff. *1 / max. 17 cd eff. @ W-3,6-8
Signal Range	W-2,4-5 / 60 m³ *1 (factory) … W-3,6-8 / 230 m³
Mounting	Wall
Specification	EN 54-23: 2010 / -17: 2005

Acoustics

Load factor acoustic	1,5 *1 / 3
Sound level	91 *1 / 97 dB (A) +/- 2 dB @ 1 m / @ 90° angle / @ DIN Tone
Specification	EN 54-3: 2001 / A1: 2002 / A2 : 2006 / -17: 2005

Common technical data

Operating voltage	14 ... 42 V DC (via powered loop)
Quiescent current @ 19 V DC	55 µA
Quiescent current @ FACP battery	approx. 300 µA @ 42 V
Loadfactor total	4,5 *1 ... 10,9
Connection terminal	max. 1,5 mm² (AWG 30-14)
Ambient temperature	-10 °C ... 55 °C
Storage temperature	-25 °C ... 75 °C
Air humidity	< 95 % (non-condensing)
Type of protection	IP 43 *2
Housing	Polycarbonate plastic
Color	red, similar to RAL 3020
Weight	approx. 300 g (with base)
Dimensions	Ø: 112 mm D: 78 mm
Declaration of Performance	DoP-21431171215

When using the flat IP base the db output reduces by an average of 3 dB.*1 Factory setting, configuration with service- and programming software tools 8000. *2 IP 21C acc. EN 54-3 / -23 *3 Do not use the base for acoustic alarm applications in compliance with EN 54-3Replacement for Part No. 807224. To change the factory settings for EN 54-23 square signal ranges programming software tools 8000 from version V1.24 is required. As part of our commitment to offering benchmark customer support, we have provided an online tool designed to help you easily identify and select the right solution for your specific application needs: "Maxpector VAD Selection Guide - IQ8Alarm Plus". Identify the correct device in line with EN54-23. To help identify your Visual Alarm Device (VAD) requirements in line with the EN54-23 standard, we have developed an easy-to-use online device selection guide. Simply enter the room dimensions, flash frequency, light color and optional features e.g. Flash/Sound or Flash/Speech and the tool will help you estimate the number of VADs required for your space. This useful selection guide includes the intelligent IQ8Alarm Plus devices, providing a one-stop-shop for VAD selection. Link: https://esser.maxpector.com/

Accessories:

806202	IP base, red