

IQ8Alarm Plus/FSpSo VAD with sound/speech, red/red, customized version



Part-No. 807372RR.SV99

Approval: VdS

Same as 807372RR, but with individual texts and/or sounds. The maximum recording time per device is 169 seconds.

Addressable, completely bus supplied and short circuit / open circuit resilient combined voice sounder and Visual Alarm Device (VAD) in compliance with EN 54-3 & EN 54-23 with integrated voice messages, 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.

Speech alarm with 5 pre-programmed alarm messages in 5 different languages. The volume can be set to 8 different levels.

Selection or combination of speech messages and signaling tones as well the volume control are carried out via the tools 8000 programming software.

The optical signaling device is suitable for square signal ranges W².475 to W³.678.

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 13 alarm devices for each powered loop
- Each alarm device has built-in isolator
- Synchronous trigger

Optical alarm properties:

- EN 54-23 compliant
- W category
- Signal range up to 8.0 m room width for wall mounting
- Room size configurable via tools 8000

Acoustic alarm properties:

- EN 54-3 compliant
- High acoustic pressure
- Volume programmable in 8 steps via tools 8000
- 20 different signaling tones, including DIN tone
- Multilingual speech alarm in 5 different languages
- Alarm signaling, evacuation, and test alarm can each be programmed in different languages
- Speech alarm, 5 pre-programmed alarm texts and other country-typical alarm signals

Optic

| | |
|--------------------|---|
| Load factor optic | 3 *1 ... 7.9 |
| Frequency of flash | approx. 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 m ³ *1 ? W-3.6-8 / 230 m ³ |
| Mounting | Wall |
| Specification | EN 54-23: 2010 / -17: 2005 |

Acoustic

| | |
|----------------------|--|
| Load factor acoustic | 4 |
| Sound level | 90 db(A) +/- 2 dB @ 1 m / @ 90° / @ DIN tone, for speech & tone 97 db(A) +/- 2 dB @ 1 m / @ 90° / @ DIN tone, only tone |
| Specification | EN 54-3: 2001 / A1: 2002 / A2 : 2006 / -17: 2005 EN 54-3 Sounder EN 54-3 Voice Sounder |

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 | 7 *1 ... 11.9 |
| Ambient temperature | -10 °C ... 55 °C |
| Storage temperature | -25 °C ... 75 °C |
| Air humidity | < 95 % (non-condensing) |
| Type of protection | IP 43 *2 IP 56 with IP base 806202 *3 |
| Housing | Polycarbonate plastic |
| Color | red, similar to RAL 3020 |
| Color | Calotte: translucent |
| Weight | approx. 300 g (with base) |
| Dimensions | Ø: 112 mm D: 78 mm Ø: 112 mm D: 93 mm (with IP base) |
| 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 54-3
 Replacement for Part No. 807372.SV99

To change the factory settings for EN 54-23 square signal ranges programming software tools 8000 from version V1.24 is required.

An easy-to-use online guide will help you to identify the right selection of EN 54-23 products for your project. Simply enter the room dimensions and get the overview for number of devices needed, their settings and calculations of load factor. To be found on www.esser-systems.com

When ordering, please note the "Order Information for Alarm Signaling Devices IQ8Quad and IQ8Alarm Plus? and fill in the order form "Order Form for IQ8 Composed Languages (xy.SV98)? printed in the appendix. Service and costs for recording studio upon request.