ESSER
by Honeywell

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

Part-No. 807372RR.SV98

Approval: VdS

Same as 807372RR, but with an individual combination of up to 5 languages, see special order form in the appendix.
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 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 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 m³ *1 ? W-3.6-8 / 230 m³
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.SV98.
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.
Cancellations or returns are not possible.

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