

IQ8Alarm Plus/So sounder, red



Part-No. 807205R

Approval: VdS

Addressable, completely bus supplied and short circuit / open circuit resilient fire alarm sounder in compliance with EN 54-3 with integrated signaling tones for acoustic 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 load factor can be set to 2 different levels.

Signaling device with flat base, suitable for wall and ceiling 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 64 alarm devices for each powered loop
- Each alarm device has built-in isolator
- Synchronous trigger
- 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

Acoustic

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 EN 54-3 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
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
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-21430171215



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. 807206

Accessories:

806202 IP base, red