

IQ8Alarm Plus/F visual alarm device, white/white



Part-No. 807214WW

Approval: VdS

Addressable, completely bus supplied and short circuit / open circuit resilient Visual Alarm Device (VAD) compliant with EN 54-23, with white light flash, for optical alarm signaling.

The optical signaling device is suitable for square signal ranges W-2.4-5.0 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. 806201 with side cable entry and weatherproof protection can be installed.

Features:

- Completely bus supplied alarm device
- Powered loop compatible
- Low power consumption
- Up to 32 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

Optic

Load factor optic	3 *1 ... 7,9
Frequency of flash	approx. 0.5 Hz *1 / 1 Hz
Flash color	white
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

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	-20 °C ... 70 °C
Storage temperature	-25 °C ... 75 °C
Air humidity	< 95 % (non-condensing)
Type of protection	IP 43 *2 IP 56 with IP base 806201 *3
Housing	Polycarbonate plastic
Color	white, similar to RAL 9010
Color	Calotte: translucent / partially frosted
Weight	approx. 300 g (with base)
Dimensions	Ø: 112 mm H: 75 mm Ø: 112 mm H: 93 mm (with IP base)
Declaration of Performance	DoP-21429150413



*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. 807214.

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 find on www.esser-systems.com.

Accessories:

806201 IP base, white