

## IQ8Alarm loop powered Visual Alarm Device acc. to EN 54-23

- ✓ **Completely bus supplied alarm devices**
- ✓ **Up to 32 alarm devices per esserbus-PLus**
- ✓ **Full compliance to EN 54-23 W category**
- ✓ **Synchronised flash output**
- ✓ **Choice of red or white flash**
- ✓ **Cost-saving integration into the esserbus-PLus system**
- ✓ **Simple and user-friendly programming via tools 8000**
- ✓ **Built-in isolator in each alarm device**



### Direct powered loop supply for optical alarm signalling according to EN 54-23

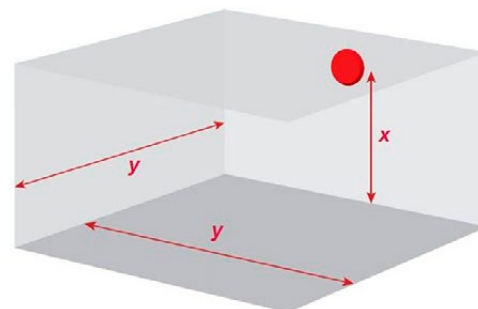
Innovative technology in IQ8Alarm devices enables visual alerting in accordance with EN 54-23 to be directly supplied by the esserbus-PLus (powered loop).

The products in compact design feature high output LEDs, advanced optics and an innovative mirror design, providing outstanding light coverage at low current draw.

Specifically designed and approved to meet the EN 54-23 standard, the loop powered visual alarm devices are available with red or white flash, delivering synchronized visual cues, outstanding quality, reliability and extended operational life.

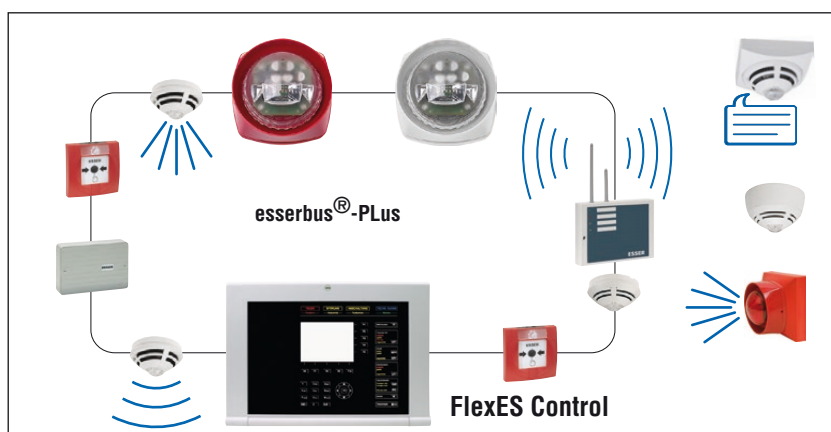
The visual alarm device IQ8Alarm corresponds to EN 54-23 category W for wall mount and is specified for square coverage volume W-2,4-5,0.

### Square coverage volume of category W-x-y for wall mount



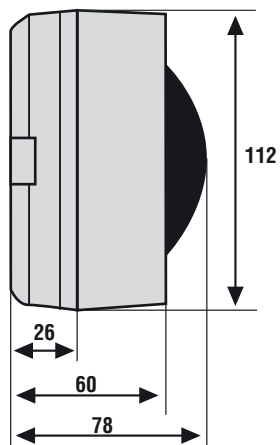
x = maximum mounting height on the wall ( $\geq 2,4$  m)

y = width of a square room in m, covered by the device



Application example

**EN 54-23, completely bus supplied**



Dimensions / mm



## Technical data

| Type                        | Flasher                 | Flasher                 |
|-----------------------------|-------------------------|-------------------------|
| Part No.                    | 807214RR                | 807214WW                |
| Operating voltage           | 14 ... 42 V DC          | 14 ... 42 V DC          |
| Quiescent current @ 19 V DC | 55 µA                   | 55 µA                   |
| Load factor                 | 3                       | 3                       |
| Housing colour              | red                     | white                   |
| Flash colour                | red                     | white                   |
| Flash frequency             | 0.5 Hz                  | 0.5 Hz                  |
| EN 54-23 category           | W-2,4-5,0 (factory-set) | W-2,4-5,0 (factory-set) |
| Weight                      | ca. 275 g               | ca. 275 g               |
| Dimensions Ø x H            | 112 x 78 mm             | 112 x 78 mm             |
| VdS Approval.               | G 215019                | G 215019                |
| Specification               | EN 54-23                | EN 54-23                |

## General technical data

|                       |   |
|-----------------------|---|
| Operating temperature | -20 °C ... +70 °C                                     |
| Air humidity          | < 95 % (without condensation)                         |
| Type of protection    | IP 41   |
| Material              | PC (housing and cap)                                  |
| Color                 | red, similar to RAL 3020 / white, similar to RAL 9010 |

## Order information

## Part No.

Visual Alarm Device IQ8Alarm EN 54-23 Cat. W, red Flash  
Visual Alarm Device IQ8Alarm EN 54-23 Cat. W, white Flash

807214RR  
807214WW

