PANASONIC

Panasonic 4487WH addressable sounder, white

Product code 41397 · Fire alarm systems › Field devices › Alarm devices

Addressable wall-mounted sounder with a built-in short-circuit isolator. Seven tones and three priority levels, for example for pre-warning, fire alarm and heavy smoke alarm.

- Seven selectable tones, incl. DIN 33404 and NEN 2575
- Three priority levels, each with its own tone
- Low current consumption: quiescent 2 mA, alarm 10 mA
- Built-in short-circuit isolator, powered from the COM loop
- Supports automatic addressing
- Approved to EN 54-3 and EN 54-17

Product description

Panasonic 4487WH is a white addressable sounder that is mounted on the wall and connected to the COM loop. It has a built-in short-circuit isolator and takes its operating voltage from the loop. The sounder is approved to EN 54-3 and EN 54-17 and is intended for dry indoor areas.

The sounder has seven tones selectable in EBLWin: continuous and intermittent 984 Hz, alternating 644/984 Hz, the German DIN 33404 sweep, the Dutch NEN 2575, the French NFS 32-001 and the Australian T3. The highest minimum sound pressure level is approximately 90–94 dB(A) at a distance of 1 metre, depending on the tone, and the maximum sound level is 93 dB(A). Each of the three priority levels (high, medium and low) is programmed with its own control expression and tone, so the sounder can give a different tone for pre-warning, fire alarm and heavy smoke alarm, for example. A higher-priority condition changes the tone automatically.

The built-in short-circuit isolator does not require its own COM loop address and limits the effect of a short circuit to the faulty loop segment only. Current consumption is low: 2 mA in quiescent state and 10 mA in alarm.

Installation and compatibility

- Wall mounting, indoor use only
- Automatic addressing with EBLWin or manually with the 4414/4414E tool (address 001–253)
- Advanced mode: EBL512 G3 and EBL128 V ≥ 2.3, EBLOne V ≥ 3.3; in NORMAL mode as type 4477, in 2330 mode as type 3377
- Conductor size Ø 0.6–1.4 mm (0.3–1.5 mm^2)

Technical data

Product code	41397
Manufacturer	Panasonic
Product group	Fire alarm systems › Field devices › Alarm devices

Colour	White
Weight	240 g
Dimensions	109 × 109 × 95 mm
Sound output	Highest minimum level approx. 90–94 dB(A) at 1 m (depending on tone)
Operating temperature	−10…+55 °C
EN 54 approval	EN 54-3, EN 54-17
CPR	0786-CPR-21534
Storage temperature	−25…+70 °C
Humidity	Max. 95% RH, non-condensing
Material	Flame-retardant ABS and polycarbonate
IP rating	IP21
Operating voltage	12–30 V DC (nominal 24 V DC)
Current consumption (quiescent)	2 mA
Current consumption (alarm)	10 mA
Input power	0.02–0.3 W
Frequency range	440–1,200 Hz depending on tone
Tone types	7 tones, 3 priority levels
Address range	001–253
Short-circuit isolator	Built-in
Compatibility	EBL512 G3, EBL128 V ≥ 2.3, EBLOne V ≥ 3.3
Mounting	Wall mounting, dry indoor areas
Standards	EN 61000-6-3, EN 50130-4, EN IEC 63000 (RoHS)
Maximum sound output	Max. 93 dB(A)

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Technical datasheet: 4487WH addressable sounder
Certificate: CNBOP-PIB certificate of admittance (Poland), no. 5544/2024
Certificate: CPR certificate of constancy of performance, no. 0786-CPR-21534
Certificate: Declaration of performance (DoP), no. ESN-FP0312-02
Certificate: EU declaration of conformity, no. ESN-F00312-05

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