



PANASONIC

Panasonic 4381 addressable beacon with short-circuit isolator

Product code 41417 · Fire alarm systems > Field devices > Alarm devices

Addressable red beacon with a built-in short-circuit isolator. Supplements sounders, for example in toilets and other small public spaces.

- Connected directly to the COM loop, no separate supply
- Built-in short-circuit isolator without its own address
- Low current consumption: quiescent 1.6 mA, alarm 8 mA
- Light visible through 360°, flash rate 0.5 Hz
- Supports automatic addressing via EBLWin
- Approved to EN 54-23 and EN 54-17, CPR 1438-CPR-0886



Product description

Panasonic 4381 is an addressable beacon (VAD) with a built-in short-circuit isolator. It is intended to supplement sounders, and its light is visible through 360° in all directions. The beacon is suitable for indoor use (type A), for example in toilets and other small public spaces. The device is connected directly to the COM loop and requires no separate supply.

The beacon is an open-class (O) device to EN 54-23 with a symmetrical light distribution. It is positioned on the ceiling or wall so that it covers as much of the room volume as possible. The red LED flashes at 0.5 Hz; the beacons are not synchronised with each other.

The built-in short-circuit isolator does not require its own COM loop address; instead, it is given a sequence number in EBLWin. The isolators divide the loop into segments, so a short circuit disables only the faulty segment and the other devices on the loop continue to operate normally.

Installation and compatibility

- Wall or ceiling mounting, with a gasket between the device and the base; screws are not included
- Address 001-253; automatic addressing with EBLWin or manually with the 4414 address setting tool
- EBL512 G3: NORMAL mode $V \geq 1.0$ (configured as type 4380), Advanced mode $V \geq 3.1$
- Conductor size $\varnothing$ 0.6-1.4 mm (0.3-1.5 mm²)

Technical data

Product code	41417
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > Alarm devices

Weight	100 g
Dimensions	Ø 93 × 53 mm
Flash rate	0.5 Hz
Operating temperature	-10...+55 °C
EN 54 approval	EN 54-23, EN 54-17
CPR	1438-CPR-0886
Storage temperature	-25...+70 °C
Humidity	Max. 95% RH, non-condensing
Colour	Red
Material	Flame-retardant ABS and polycarbonate
IP rating	IP21C
Operating voltage	12–30 V DC (nominal 24 V DC)
Current consumption (quiescent)	1.6 mA
Current consumption (alarm)	8 mA
Input power	0.03–0.2 W
Light source	Red LED (white lens)
Coverage	Open class (O), symmetrical light pattern
Synchronisation	No
Address range	001–253
Short-circuit isolator	Built-in
Mounting	Wall or ceiling mounting, indoors (type A)
Standards	EN 61000-6-3, EN 50130-4, EN IEC 63000 (RoHS)

Documents

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

Technical datasheet: 4381 addressable beacon with short-circuit isolator

Certificate: CPR certificate of constancy of performance, no. 1438-CPR-0886

Certificate: EU declaration of conformity, no. ESN-F00327-01

Certificate: Declaration of performance (DoP), no. ESN-FP0327-01

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/panasonic-4381-osoitteellinen-vilkku-oikosulkuer/