



## PANASONIC

# Panasonic 4462 two-input unit with short-circuit isolator

Product code 41371 · Fire alarm systems > Field devices > I/O units

Addressable unit with two general-purpose inputs and a built-in short-circuit isolator. Monitors the contacts of a sprinkler system or other equipment, for example; powered from the COM loop, IP65 enclosure.

- Two general-purpose inputs for NO or NC contacts
- Inputs can be supervised with a 33 k $\Omega$  end-of-line resistor
- Suitable, for example, for sprinkler monitoring
- Built-in short-circuit isolator
- Supports automatic addressing
- Approved to EN 54-17 and EN 54-18, IP65 enclosure



## Product description

Panasonic 4462 is an addressable two-input unit with a built-in short-circuit isolator. It is used to connect volt-free contacts to the fire alarm system, for example sprinkler system monitoring contacts or status information from other equipment. The unit takes its operating voltage from the COM loop and is intended for surface mounting indoors.

The unit has two general-purpose inputs (Z/Ino and In2) for NO or NC contacts. The inputs are programmed with EBLWin and can be configured as supervised or unsupervised. A supervised NO input uses a 33 k $\Omega$  end-of-line resistor, so the unit detects an open circuit as a fault. The built-in short-circuit isolator does not require its own address and divides the loop into segments, so a short circuit disables only the faulty part. The red LED can be lit with the Toggle LED function in EBLWin to locate the device.

## Installation and compatibility

- Surface mounting on a wall or ceiling; cable glands are not included
- The 4463 adapter kit is available for DIN rail mounting
- Automatic addressing with EBLWin or manually with the 4414/4414E tool (address 001–253)
- Advanced mode: EBL512 G3 and EBL128 V  $\geq$  2.4, EBLOne V  $\geq$  3.3
- Conductor size  $\varnothing$  0.6–1.2 mm (0.28–1.5 mm<sup>2</sup>)

## Technical data

|               |                                                |
|---------------|------------------------------------------------|
| Product code  | 41371                                          |
| Manufacturer  | Panasonic                                      |
| Product group | Fire alarm systems > Field devices > I/O units |

|                                 |                                                                     |
|---------------------------------|---------------------------------------------------------------------|
| Weight                          | 188 g                                                               |
| Dimensions                      | 110 × 110 × 49 mm                                                   |
| IP rating                       | IP65                                                                |
| Operating temperature           | -10...+50 °C                                                        |
| EN 54 approval                  | EN 54-17, EN 54-18                                                  |
| CPR                             | 0786-CPR-21589                                                      |
| Storage temperature             | -20...+60 °C                                                        |
| Humidity                        | Max. 95% RH, non-condensing                                         |
| Colour                          | White (RAL 9010)                                                    |
| Material                        | Polypropylene (Fibox JB 6 G)                                        |
| Operating voltage               | 12–30 V DC from the loop (nominal 24 V DC)                          |
| Current consumption (quiescent) | ≤ 2.2 mA                                                            |
| Current consumption (alarm)     | ≤ 2.2 mA                                                            |
| Inputs                          | 2 general inputs NO/NC, supervision with 33 kΩ end-of-line resistor |
| Address range                   | 001–253                                                             |
| Short-circuit isolator          | Built-in                                                            |
| Compatibility                   | EBL512 G3, EBL128, EBLOne V ≥ 3.3                                   |
| Mounting                        | Surface mounting on wall or ceiling, DIN rail with adapter 4463     |
| 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).

**Certificate:** CPR certificate of constancy of performance, no. 0786-CPR-21589

**Certificate:** EU declaration of conformity, no. ESN-F00317-04

**Certificate:** Declaration of performance (DoP), no. ESN-FP0317-02

**Technical datasheet:** Panasonic 4462 two-input unit with short-circuit isolator

**Product brochure:** Panasonic 4462 two-input unit with short-circuit isolator

### Request a quote or ask for more information

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Up-to-date information and documents: [pap.fi/en/tuote/panasonic-4462-i-o-2-sisaanmeno-yksikko/](https://pap.fi/en/tuote/panasonic-4462-i-o-2-sisaanmeno-yksikko/)