



PANASONIC

Panasonic 4408W heat detector

Product code 41292 · Fire alarm systems > Field devices > Detectors

Analogue addressable heat detector for Panasonic EBL fire alarm systems. The alarm algorithm is selected from class A1, A2S or BS according to the normal temperature of the room.

- Selectable alarm algorithms: A1, A2S and BS (EN 54-5)
- Thermistor measurement 0–100 °C with 0.5 °C resolution
- Fits analogue mounting bases 3312x, 4313 and 3379
- Spare part replacing a 2330 system heat detector (2330 mode)
- Approved to EN 54-5



Product description

Panasonic 4408W is a white analogue addressable heat detector that measures temperature with a thermistor in the range 0–100 °C in 0.5 °C steps. The detector is intended for dry indoor premises and works in EBL512 G3, EBL128 and EBLOne systems.

In NORMAL mode, the alarm algorithm is selected in EBLWin from three classes in accordance with EN 54-5. The class is chosen according to the typical temperature of the room: BS suits warm rooms where the normal temperature can be as high as 40 °C. The classes are A1 (operating range 54–65 °C, alarm at 56 °C, or at 46 °C with a rapid rise of more than 4 °C/min), A2S (54–70 °C, alarm at 60 °C) and BS (69–85 °C, alarm at 74 °C).

Two red LEDs flash in an alarm, and the green polling LED can be set to flash or stay off. In 2330 mode, the detector can be used as a spare part in place of an old 2330 mounting base and heat detector (class A2S).

Installation

- Fitted in analogue mounting base 3312x, 4313 or base sounder 3379
- The COM loop and an external indicator are connected to the mounting base
- Locking screw included; a 2.5–2.7 mm hole is drilled to lock the base
- Address 001–253 and mode are set with tool 4414 or 4414E before connection to the loop

Technical data

Product code	41292
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > Detectors
Colour	White (Munsell 10Y9/0.5)
Weight	65 g

Dimensions	Ø 102 × 34 mm
LED	2 red (alarm), 1 green (polling)
Operating temperature	-20...+50 °C (A1, A2S), -20...+65 °C (BS)
EN 54 approval	EN 54-5 (A1, A2S, BS)
VdS approval	G222044 (valid until 3 November 2026)
CPR	0786-CPR-21763
Storage temperature	-25...+70 °C
Humidity	Max. 95% RH, non-condensing
Material	Flame-retardant ABS and polycarbonate
IP rating	IP51
Operating voltage	12-30 V DC (nominal 24 V DC)
Current consumption (quiescent)	0.3 mA
Current consumption (alarm)	2.3 mA (4.3 mA with external indicator)
Alarm temperature	A1: 56 °C / 46 °C, A2S: 60 °C, BS: 74 °C
Detector class	A1, A2S, BS
Address range	001-253
Short-circuit isolator	No
Compatibility	EBL512 G3, EBL128, EBLOne V ≥ 3.3
Mounting	In base 3312x, 4313 or 3379
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: 4408W heat detector

Certificate: EU declaration of conformity, no. ESSC-F00031-01

Certificate: CPR certificate of constancy of performance, no. 0786-CPR-21763

Certificate: VdS approval, no. G 222044

Certificate: Declaration of performance (DoP), no. 0786-CPR-21763 (document ID ESSC-FP0031-1)

Request a quote or ask for more information

Sales +358 40 668 7641 · myynti@pap.fi · Mon-Fri 8 am – 4 pm (Finnish time)

Up-to-date information and documents: pap.fi/en/tuote/panasonic-4408w-lampoilmaisin-osoitteellinen-vaik/